

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081584.D
 Acq On : 27 Mar 2024 14:45
 Operator : JC\MD
 Sample : VN0327WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:27:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	323843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	571123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	530395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229236	55.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	8.165	113	205346	56.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.940%			
50) Toluene-d8	10.571	98	691635	53.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.847	95	249506	54.346	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	71857	16.479	ug/l	95
3) Chloromethane	2.359	50	75578	17.408	ug/l	92
4) Vinyl Chloride	2.518	62	88366	18.136	ug/l	97
5) Bromomethane	2.965	94	68376	19.843	ug/l	94
6) Chloroethane	3.124	64	63265	18.911	ug/l	89
7) Trichlorofluoromethane	3.500	101	138981	19.139	ug/l	95
8) Diethyl Ether	3.965	74	48522	20.191	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	79120	19.176	ug/l	# 89
10) Methyl Iodide	4.589	142	77073	18.758	ug/l	98
11) Tert butyl alcohol	5.506	59	70563	98.045	ug/l	98
12) 1,1-Dichloroethene	4.348	96	67478	17.656	ug/l	84
13) Acrolein	4.177	56	65212	100.978	ug/l	95
14) Allyl chloride	5.018	41	87806	18.335	ug/l	# 85
15) Acrylonitrile	5.718	53	184283	95.712	ug/l	97
16) Acetone	4.424	43	127302	95.381	ug/l	99
17) Carbon Disulfide	4.712	76	180056	16.417	ug/l	100
18) Methyl Acetate	5.024	43	87438	21.250	ug/l	# 84
19) Methyl tert-butyl Ether	5.794	73	244343	20.428	ug/l	98
20) Methylene Chloride	5.271	84	86694	19.830	ug/l	# 81
21) trans-1,2-Dichloroethene	5.789	96	79762	18.718	ug/l	91
22) Diisopropyl ether	6.665	45	230943	20.754	ug/l	# 91
23) Vinyl Acetate	6.600	43	838721	94.693	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	149757	20.094	ug/l	98
25) 2-Butanone	7.483	43	215972	94.342	ug/l	# 86
26) 2,2-Dichloropropane	7.488	77	125552	19.423	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93629	19.419	ug/l	84
28) Bromochloromethane	7.818	49	66718	21.978	ug/l	# 52
29) Tetrahydrofuran	7.835	42	144304	93.571	ug/l	# 78
30) Chloroform	7.965	83	164947	20.674	ug/l	96
31) Cyclohexane	8.259	56	119042	17.714	ug/l	# 76
32) 1,1,1-Trichloroethane	8.171	97	143124	19.772	ug/l	95
36) 1,1-Dichloropropene	8.371	75	109957	18.128	ug/l	97
37) Ethyl Acetate	7.559	43	89513	17.234	ug/l	# 92
38) Carbon Tetrachloride	8.365	117	123627	18.605	ug/l	98
39) Methylcyclohexane	9.600	83	119561	17.650	ug/l	86
40) Benzene	8.606	78	342476	19.312	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49111	17.879	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	121815	19.519	ug/l	98
43) Isopropyl Acetate	8.688	43	152250	17.684	ug/l #	88
44) Trichloroethene	9.353	130	93240	18.694	ug/l	90
45) 1,2-Dichloropropane	9.624	63	85962	20.001	ug/l	98
46) Dibromomethane	9.706	93	65385	20.033	ug/l #	90
47) Bromodichloromethane	9.888	83	128884	20.197	ug/l #	94
48) Methyl methacrylate	9.682	41	71922	18.111	ug/l #	85
49) 1,4-Dioxane	9.694	88	36925	386.920	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	482598	91.860	ug/l	90
52) Toluene	10.629	92	217089	19.260	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	132021	19.159	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	143687	19.449	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	91052	20.073	ug/l	93
56) Ethyl methacrylate	10.876	69	116061	18.718	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	152753	20.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	272891	95.610	ug/l #	84
59) 2-Hexanone	11.194	43	355941	91.638	ug/l	92
60) Dibromochloromethane	11.359	129	98022	19.649	ug/l	98
61) 1,2-Dibromoethane	11.471	107	93379	20.192	ug/l	99
64) Tetrachloroethene	11.106	164	93357	18.414	ug/l #	80
65) Chlorobenzene	11.894	112	235045	18.746	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	89568	19.274	ug/l	96
67) Ethyl Benzene	11.965	91	407237	18.697	ug/l	99
68) m/p-Xylenes	12.076	106	312266	38.244	ug/l	95
69) o-Xylene	12.400	106	150128	18.729	ug/l	94
70) Styrene	12.412	104	251546	19.457	ug/l	95
71) Bromoform	12.582	173	64974	18.606	ug/l #	97
73) Isopropylbenzene	12.694	105	395517	19.040	ug/l	97
74) N-amyl acetate	12.494	43	133369	17.741	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	116052	19.001	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	107101m	18.373	ug/l	
77) Bromobenzene	12.982	156	94747	18.464	ug/l	71
78) n-propylbenzene	13.035	91	468726	19.107	ug/l	97
79) 2-Chlorotoluene	13.129	91	282938	19.270	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	336121	19.590	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	38605	17.896	ug/l	85
82) 4-Chlorotoluene	13.223	91	277240	19.152	ug/l	89
83) tert-Butylbenzene	13.441	119	277819	18.777	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	337689	19.582	ug/l	97
85) sec-Butylbenzene	13.617	105	404202	19.111	ug/l	94
86) p-Isopropyltoluene	13.729	119	337282	19.508	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	183679	19.482	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	183386	18.785	ug/l	96
89) n-Butylbenzene	14.059	91	274453	17.902	ug/l	96
90) Hexachloroethane	14.335	117	62955	19.227	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	177289	19.537	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23748	18.270	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	94534	18.017	ug/l	98
94) Hexachlorobutadiene	15.500	225	38736	16.826	ug/l	97
95) Naphthalene	15.641	128	299230	17.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	95156	18.030	ug/l	98

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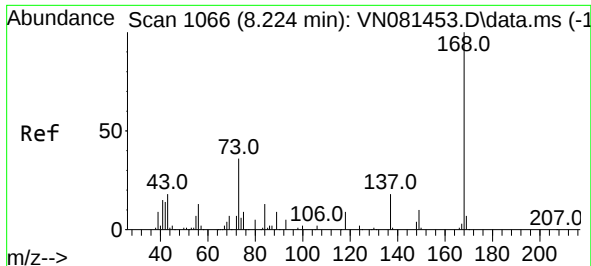
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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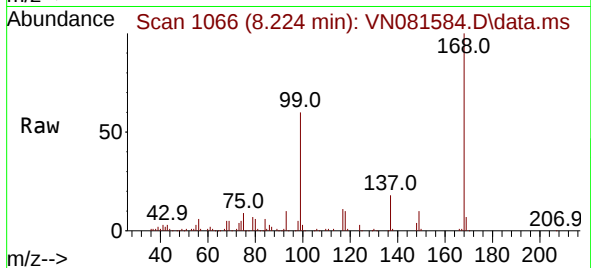
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081584.D
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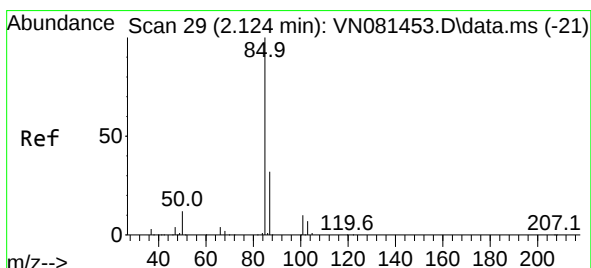
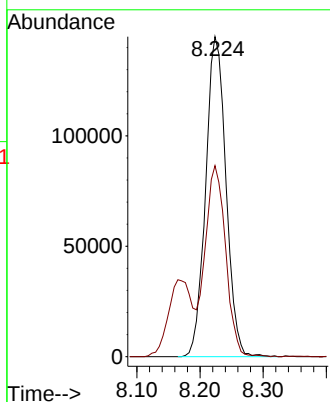
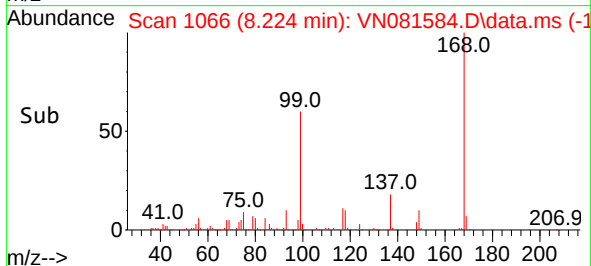
Instrument :
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ClientSampleId :
VN0327WBSD01



Tgt Ion:168 Resp: 32384
Ion Ratio Lower Upper
168 100
99 59.7 59.9 89.9

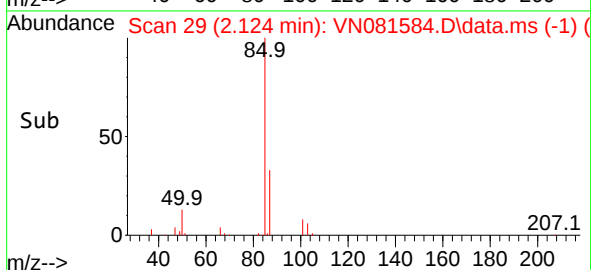
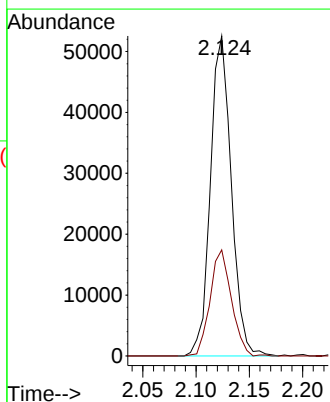
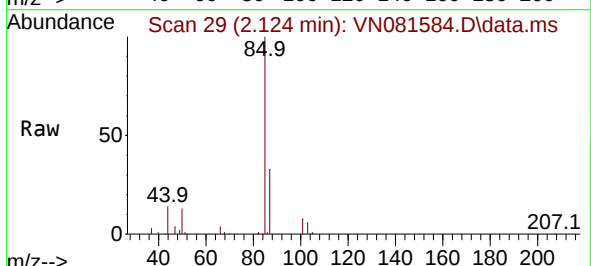
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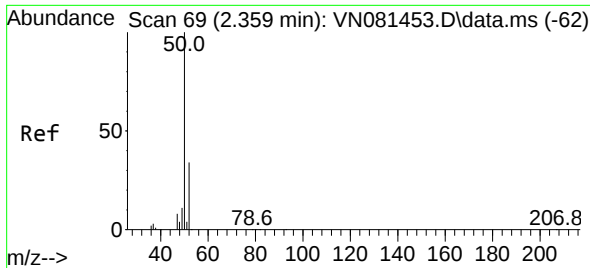
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#2
Dichlorodifluoromethane
Concen: 16.479 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

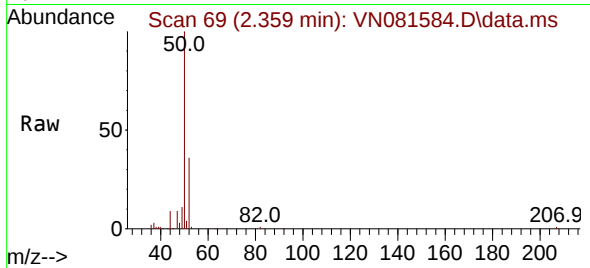
Tgt Ion: 85 Resp: 71857
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9





#3
Chloromethane
Concen: 17.408 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

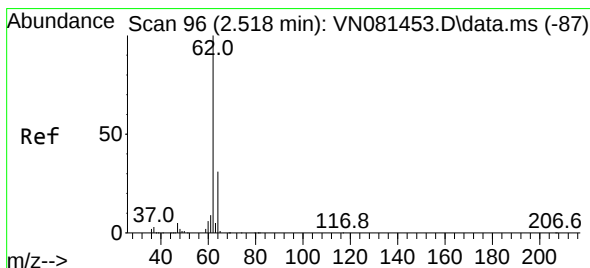
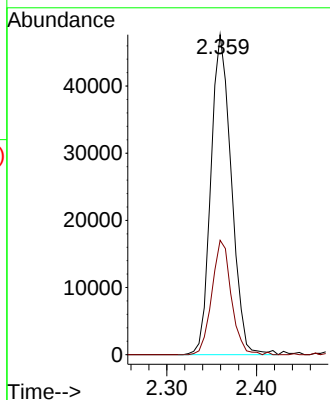
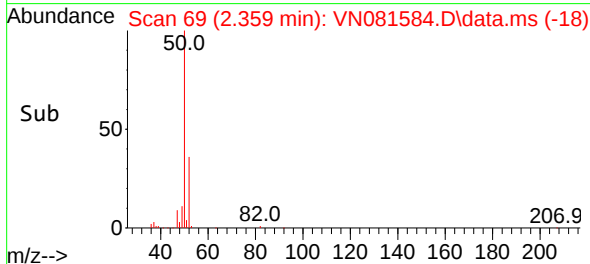
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Tgt Ion: 50 Resp: 75578
Ion Ratio Lower Upper
50 100
52 35.7 25.0 37.4

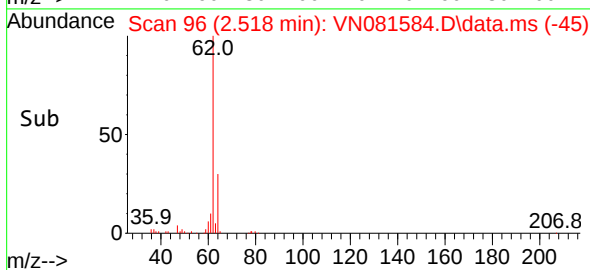
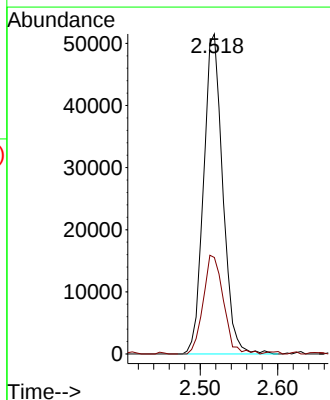
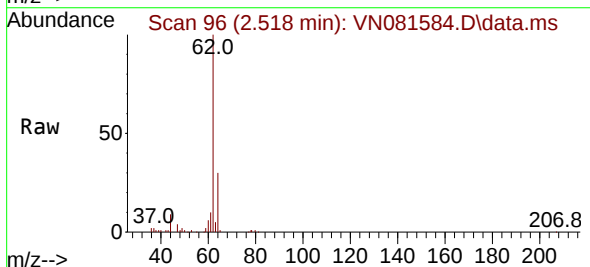
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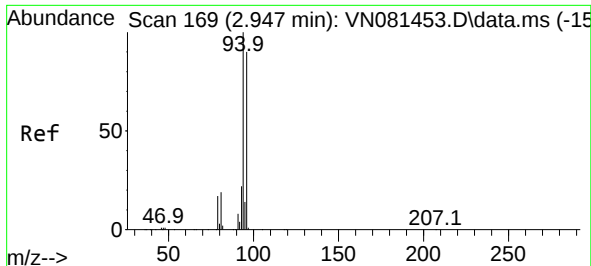
Reviewed By :John Carlone 03/28/2024
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#4
Vinyl Chloride
Concen: 18.136 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 62 Resp: 88366
Ion Ratio Lower Upper
62 100
64 30.2 22.7 34.1





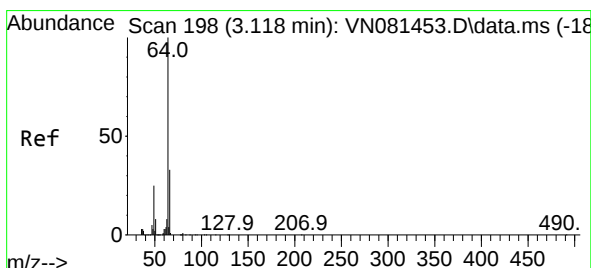
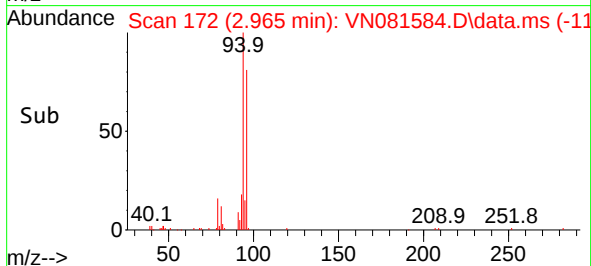
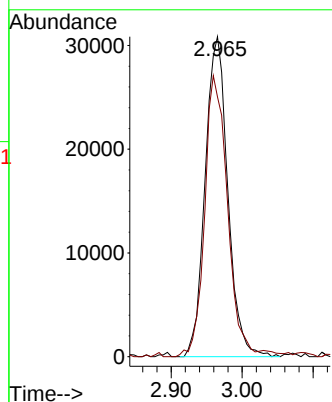
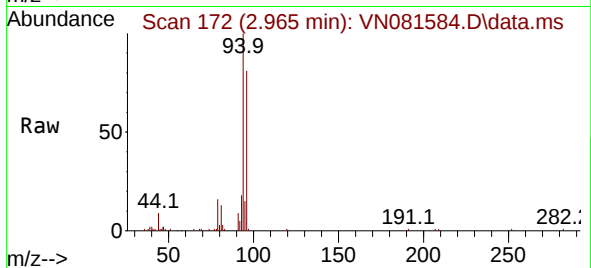
#5
Bromomethane
Concen: 19.843 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

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Tgt Ion: 94 Resp: 68370
Ion Ratio Lower Upper
94 100
96 80.5 69.2 103.8

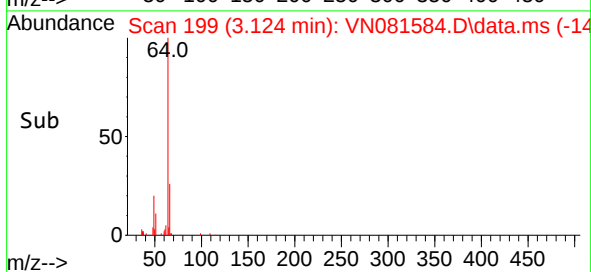
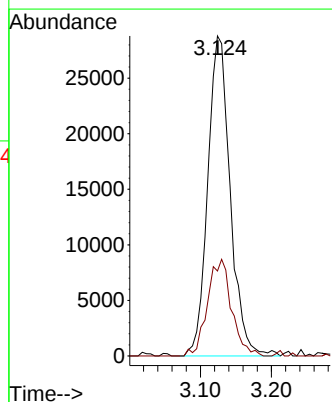
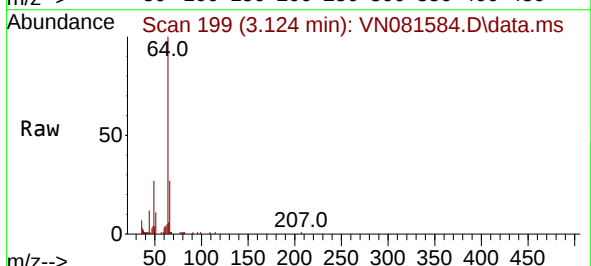
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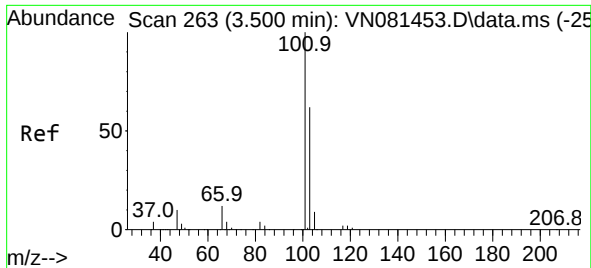
Reviewed By :John Carlone 03/28/2024
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#6
Chloroethane
Concen: 18.911 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

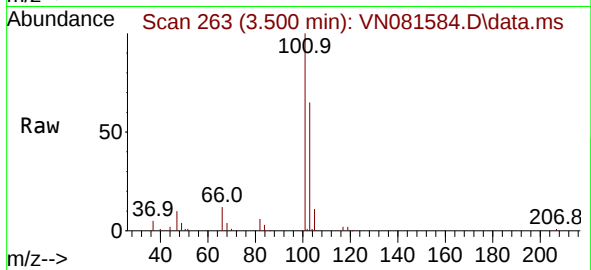
Tgt Ion: 64 Resp: 63265
Ion Ratio Lower Upper
64 100
66 26.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.139 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081584.D
 Acq: 27 Mar 2024 14:45

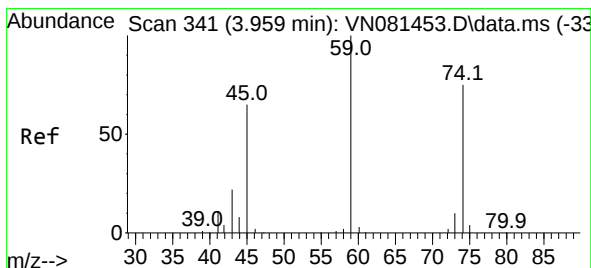
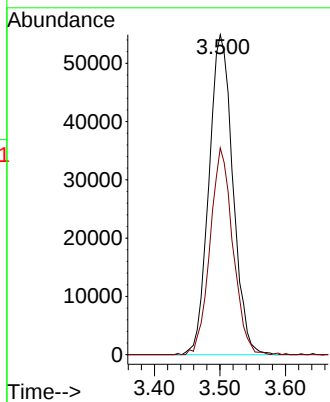
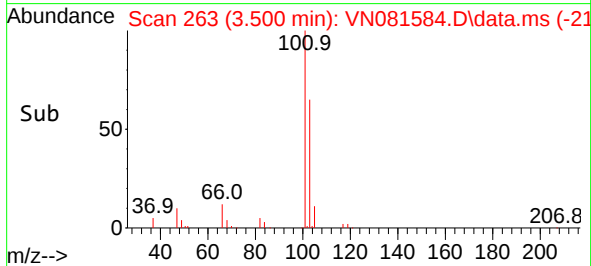
Instrument :
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Tgt Ion:101 Resp: 13898
 Ion Ratio Lower Upper
 101 100
 103 64.2 54.4 81.6

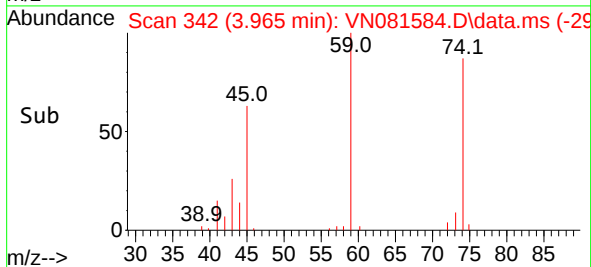
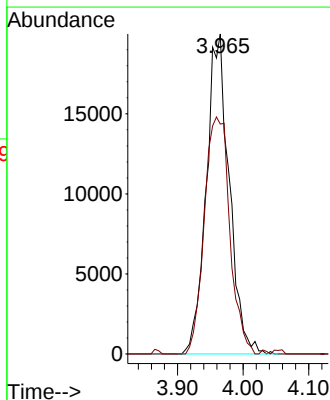
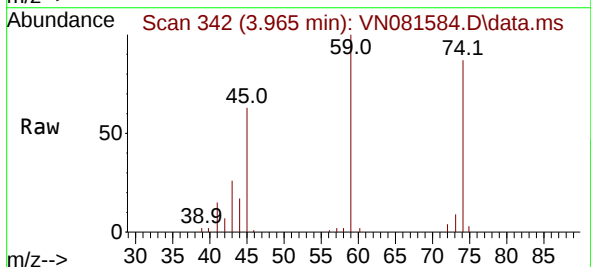
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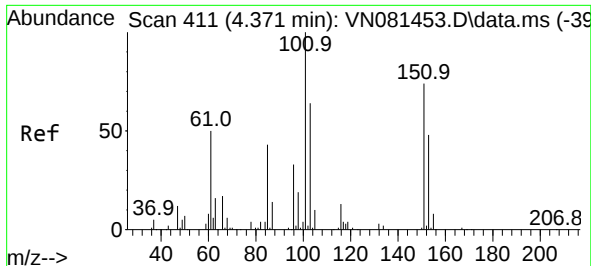
Reviewed By :John Carlone 03/28/2024
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#8
 Diethyl Ether
 Concen: 20.191 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081584.D
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Tgt Ion: 74 Resp: 48522
 Ion Ratio Lower Upper
 74 100
 45 82.3 53.3 159.9





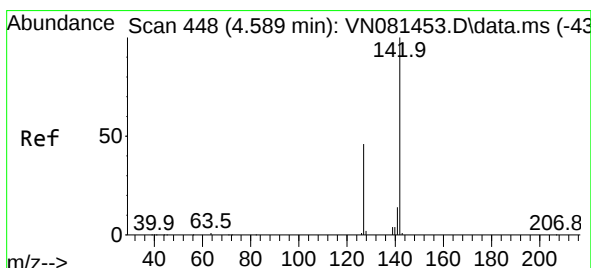
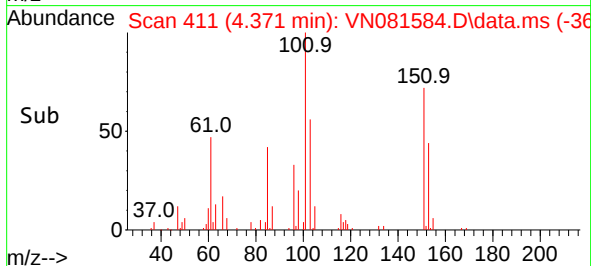
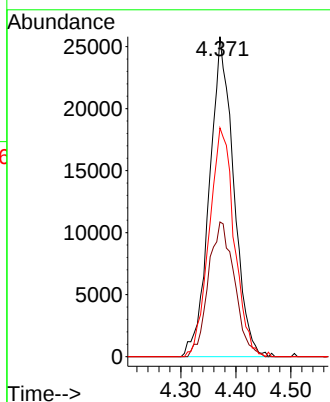
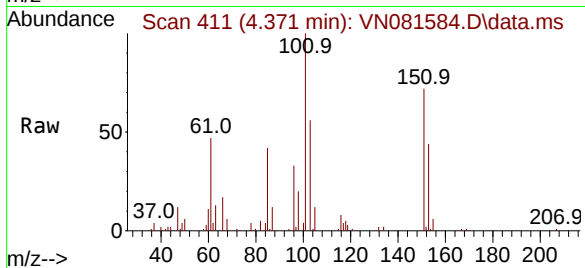
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.176 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:101 Resp: 79120
Ion Ratio Lower Upper
101 100
85 45.2 38.1 57.1
151 73.8 49.1 73.7

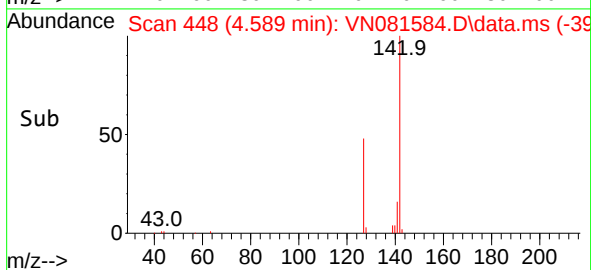
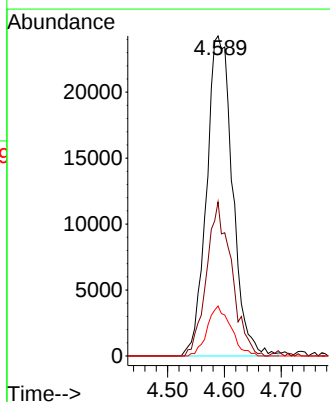
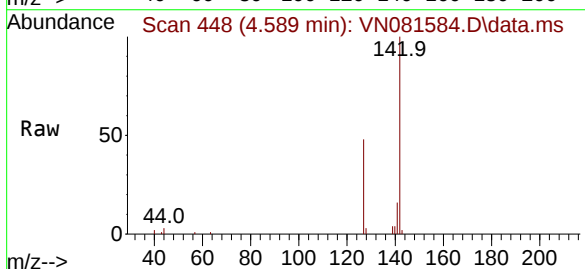
Manual Integrations
APPROVED

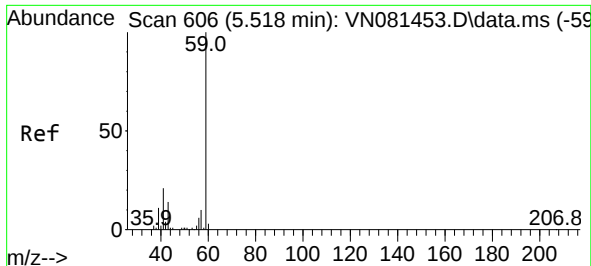
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#10
Methyl Iodide
Concen: 18.758 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

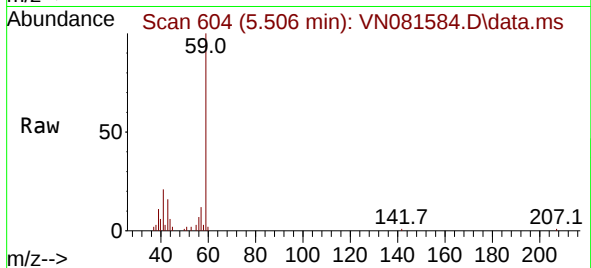
Tgt Ion:142 Resp: 77073
Ion Ratio Lower Upper
142 100
127 48.1 37.0 55.4
141 15.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 98.045 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

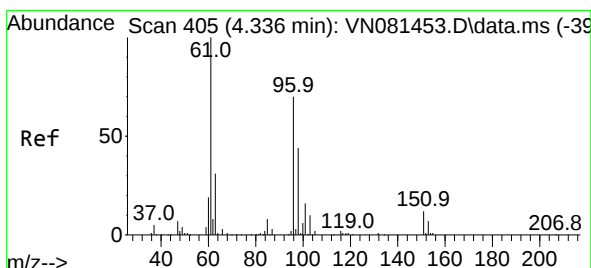
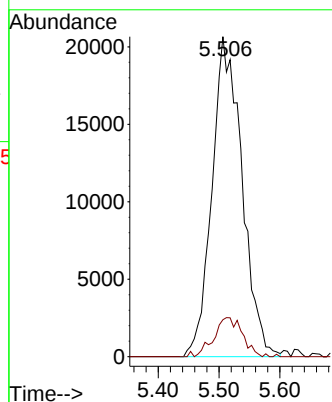
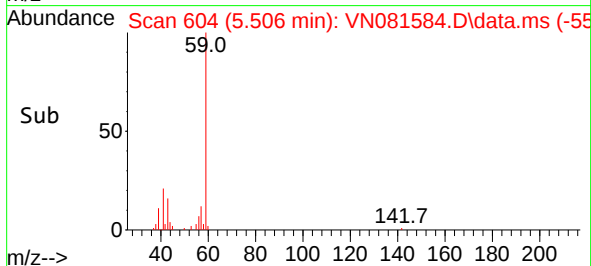
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 59 Resp: 7056
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

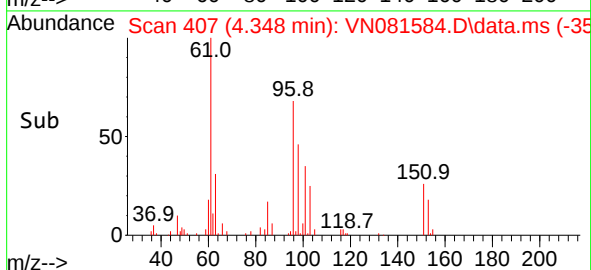
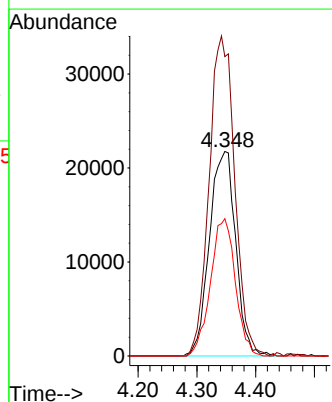
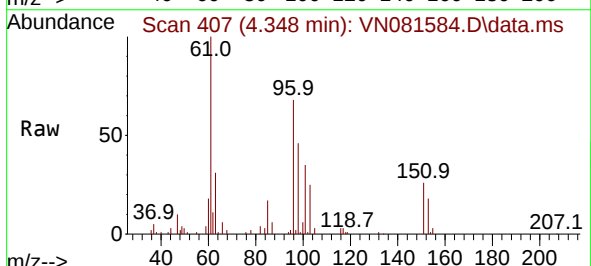
Manual Integrations
APPROVED

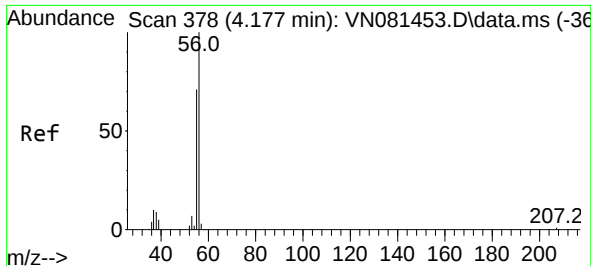
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#12
1,1-Dichloroethene
Concen: 17.656 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 96 Resp: 67478
Ion Ratio Lower Upper
96 100
61 146.4 138.2 207.4
98 67.1 49.2 73.8





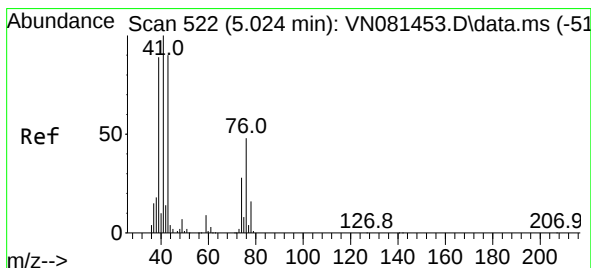
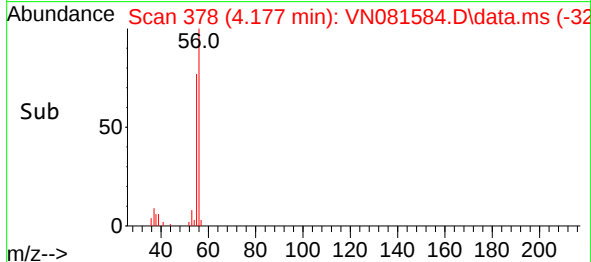
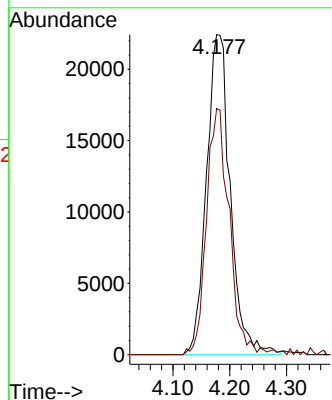
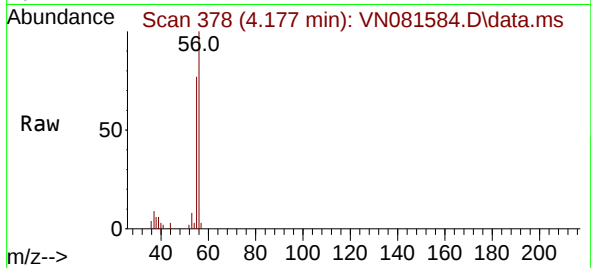
#13
Acrolein
Concen: 100.978 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 56 Resp: 6521
Ion Ratio Lower Upper
56 100
55 73.2 55.3 82.9

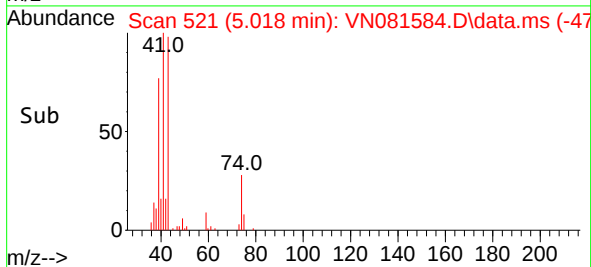
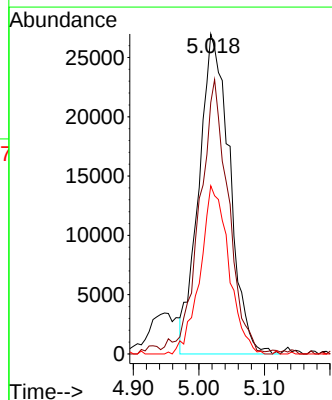
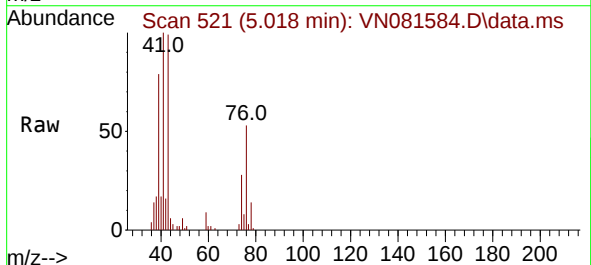
Manual Integrations
APPROVED

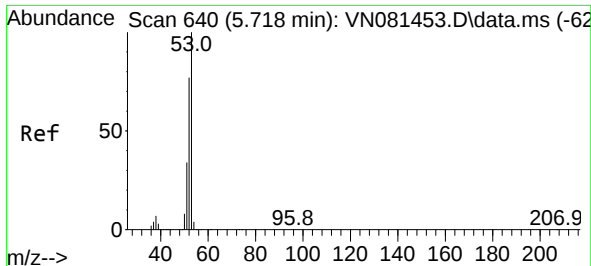
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#14
Allyl chloride
Concen: 18.335 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

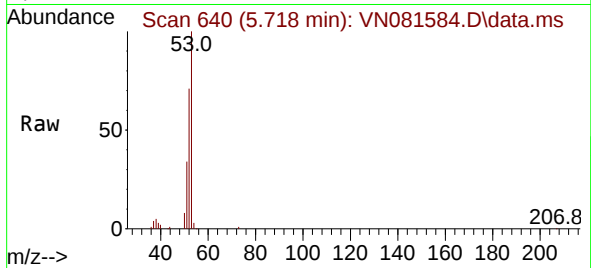
Tgt Ion: 41 Resp: 87806
Ion Ratio Lower Upper
41 100
39 79.9 57.7 86.5
76 49.0 26.8 40.2#





#15
Acrylonitrile
Concen: 95.712 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

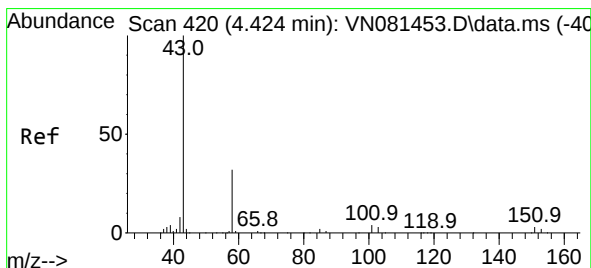
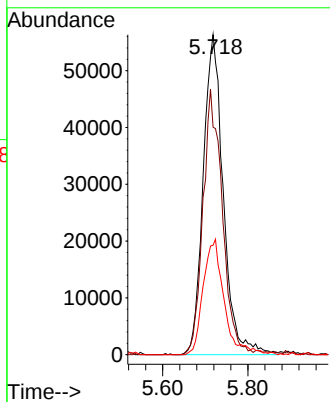
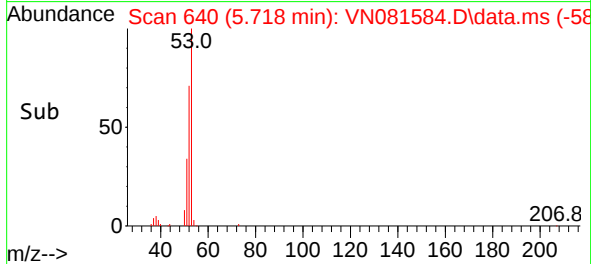
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 53 Resp: 18428
Ion Ratio Lower Upper
53 100
52 79.7 64.8 97.2
51 37.4 26.9 40.3

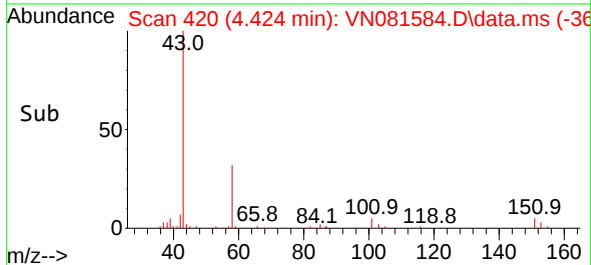
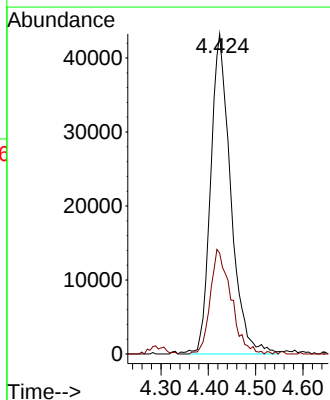
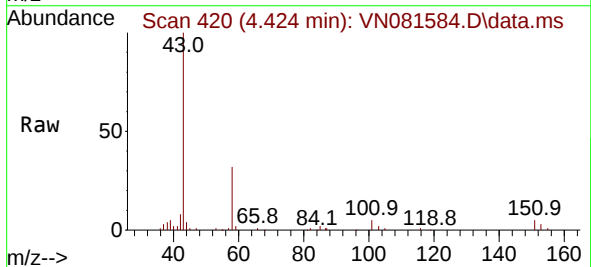
Manual Integrations
APPROVED

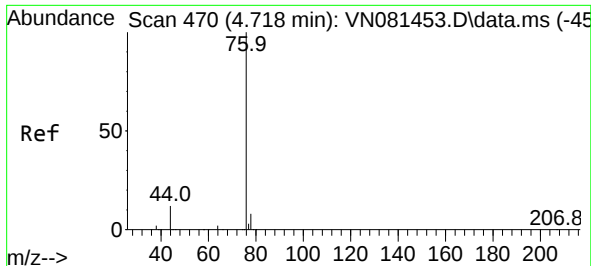
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#16
Acetone
Concen: 95.381 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 43 Resp: 127302
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





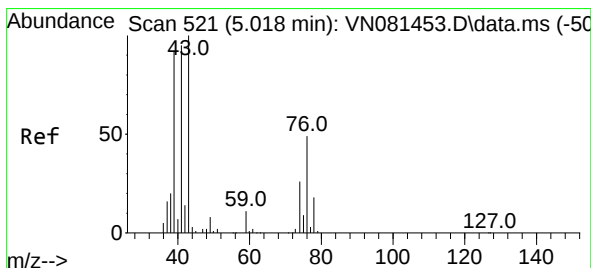
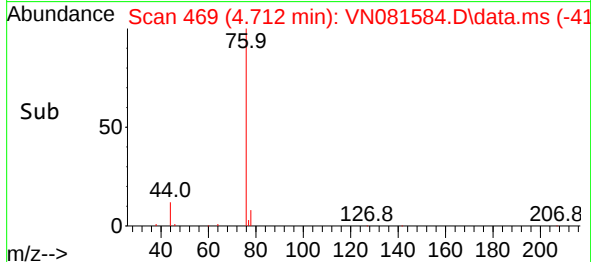
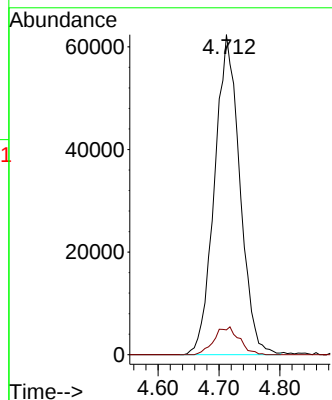
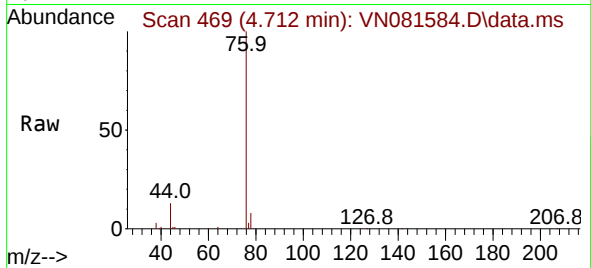
#17
Carbon Disulfide
Concen: 16.417 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 76 Resp: 18005
Ion Ratio Lower Upper
76 100
78 7.8 6.3 9.5

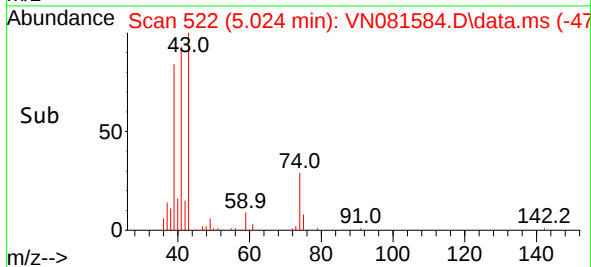
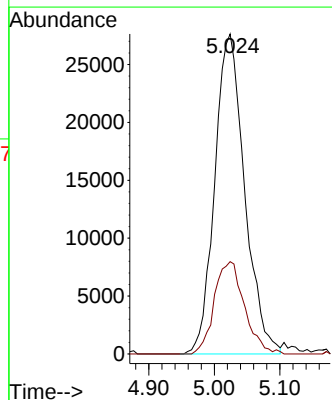
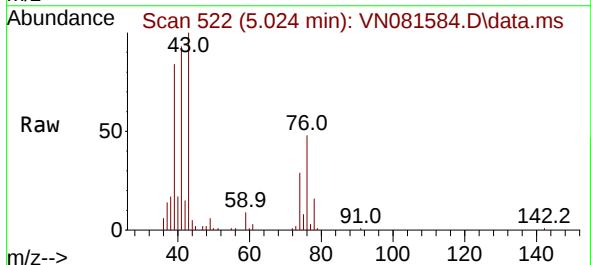
Manual Integrations
APPROVED

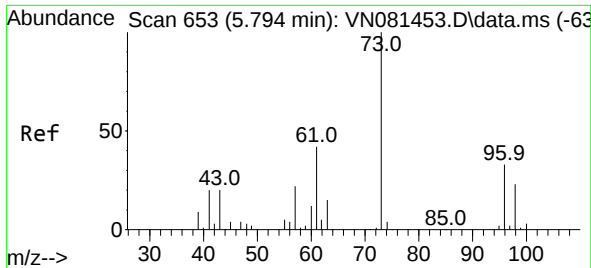
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#18
Methyl Acetate
Concen: 21.250 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 43 Resp: 87438
Ion Ratio Lower Upper
43 100
74 29.1 17.3 25.9





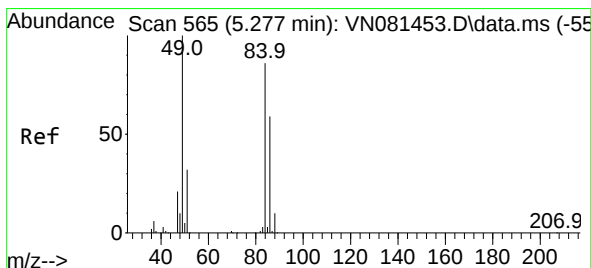
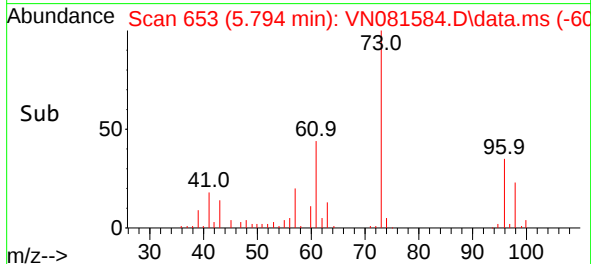
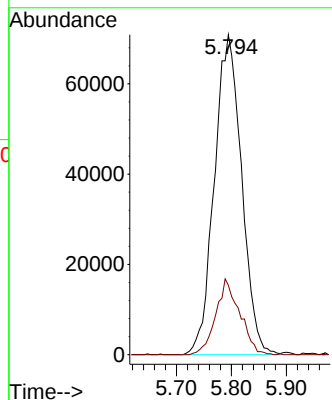
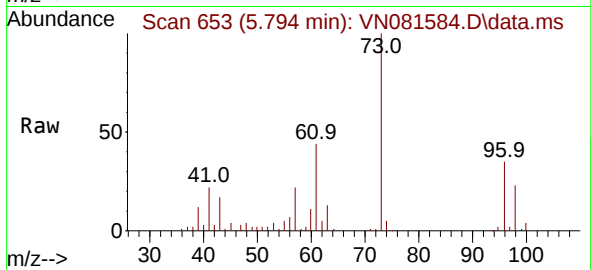
#19
Methyl tert-butyl Ether
Concen: 20.428 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 73 Resp: 24434
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

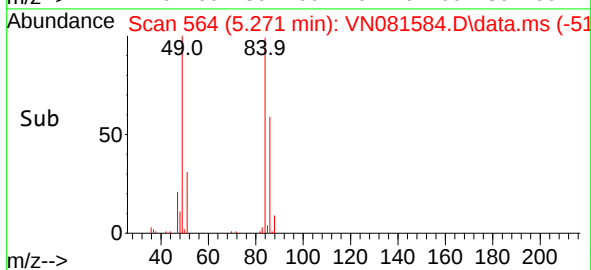
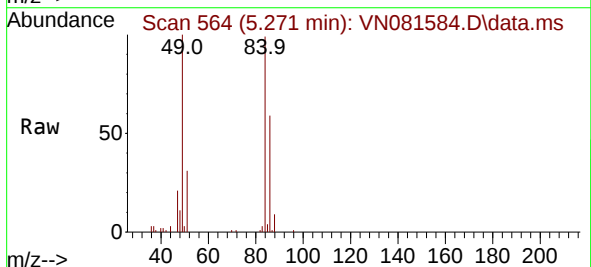
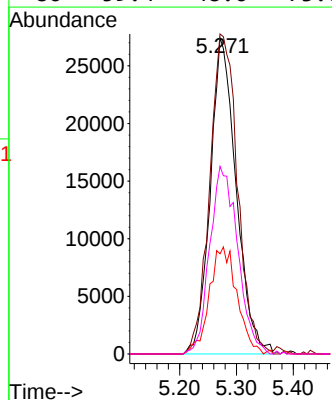
Manual Integrations
APPROVED

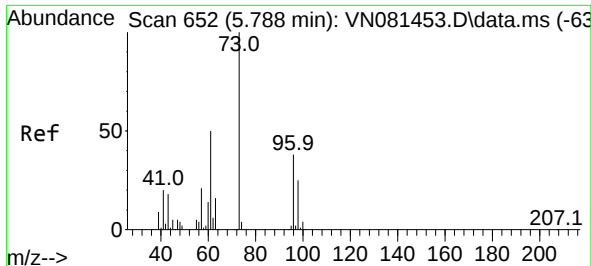
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#20
Methylene Chloride
Concen: 19.830 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

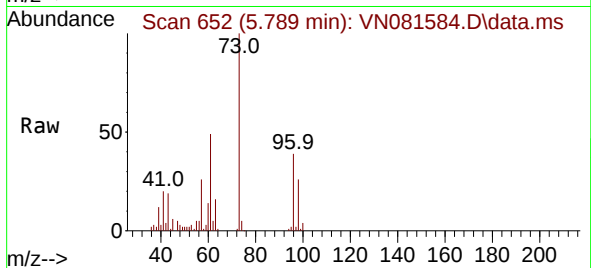
Tgt Ion: 84 Resp: 86694
Ion Ratio Lower Upper
84 100
49 101.3 108.1 162.1#
51 31.7 32.9 49.3#
86 59.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.718 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

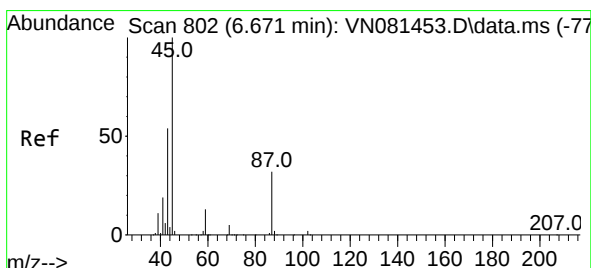
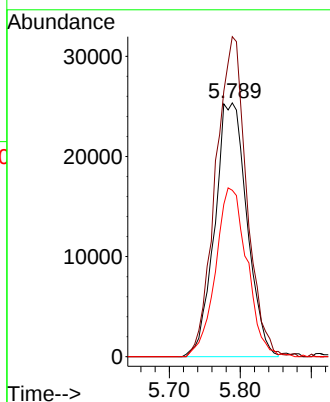
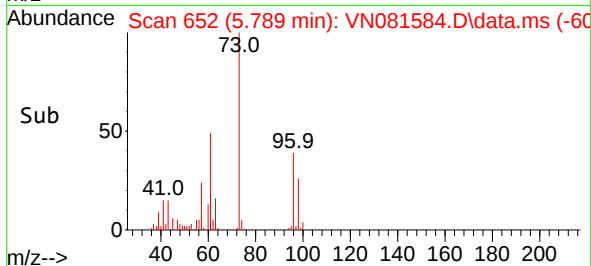
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 96 Resp: 79762
Ion Ratio Lower Upper
96 100
61 126.1 112.8 169.2
98 65.6 51.0 76.4

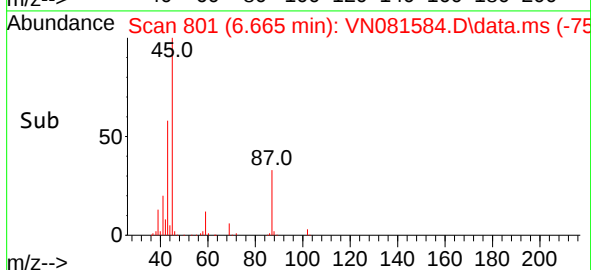
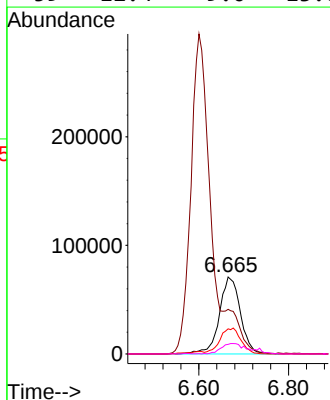
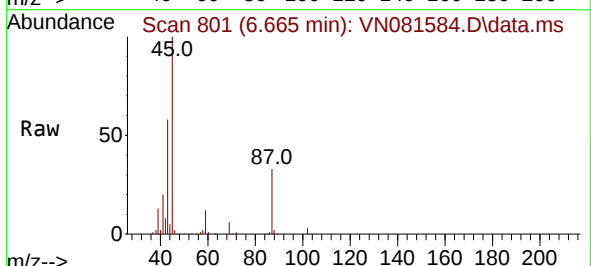
Manual Integrations
APPROVED

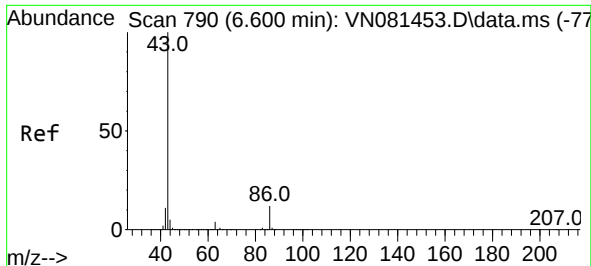
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#22
Diisopropyl ether
Concen: 20.754 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

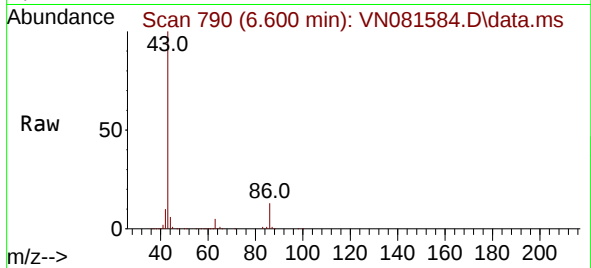
Tgt Ion: 45 Resp: 230943
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.8
87 32.2 18.1 27.1#
59 12.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 94.693 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081584.D
 Acq: 27 Mar 2024 14:45

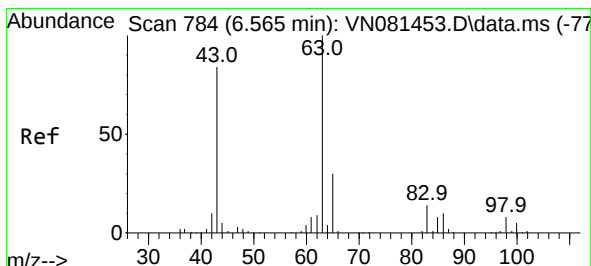
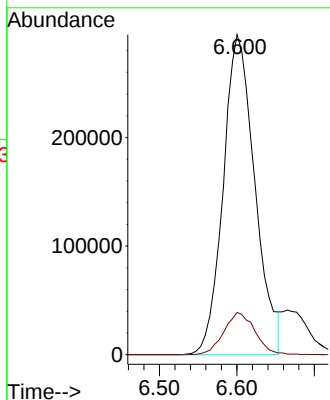
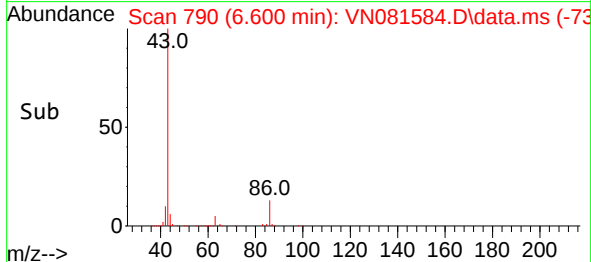
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01



Tgt Ion: 43 Resp: 83872
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7

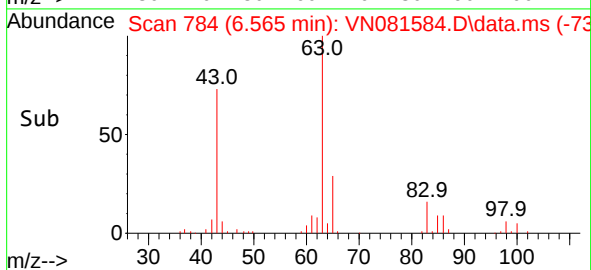
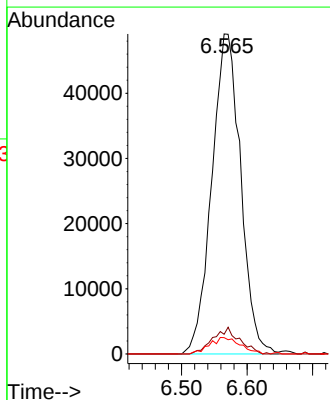
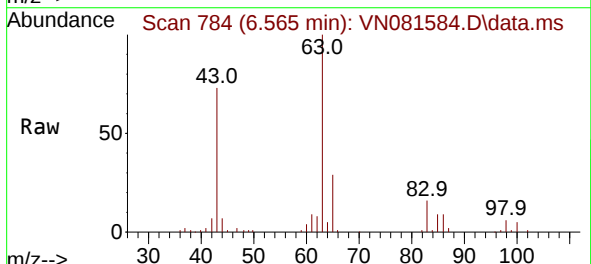
Manual Integrations
 APPROVED

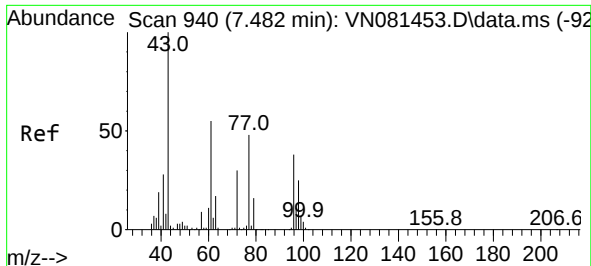
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024



#24
 1,1-Dichloroethane
 Concen: 20.094 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081584.D
 Acq: 27 Mar 2024 14:45

Tgt Ion: 63 Resp: 149757
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 5.1 1.9 5.7





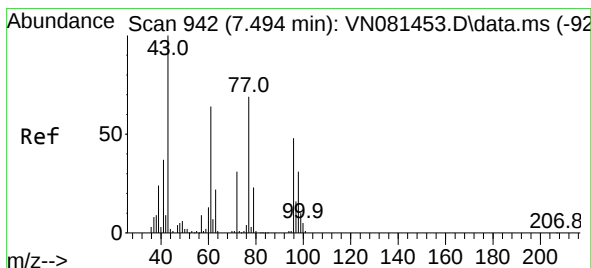
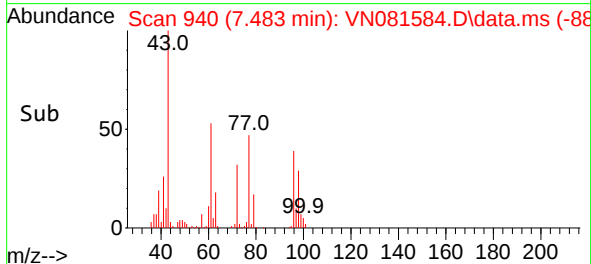
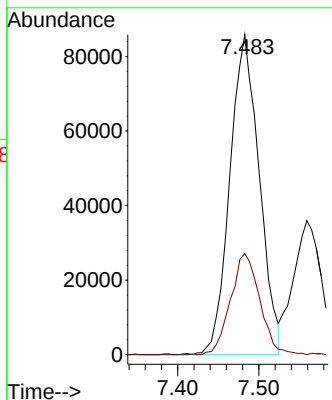
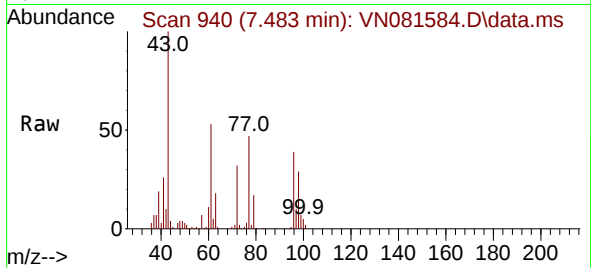
#25
2-Butanone
Concen: 94.342 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
Client Sample Id :
VN0327WBSD01

Tgt Ion: 43 Resp: 215972
Ion Ratio Lower Upper
43 100
72 31.6 19.5 29.3

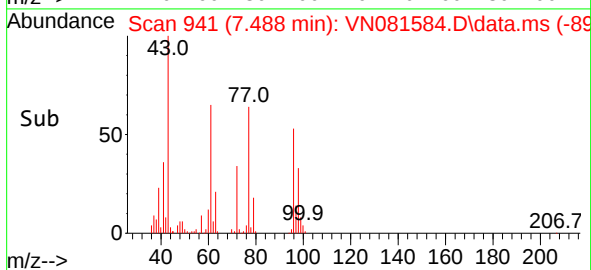
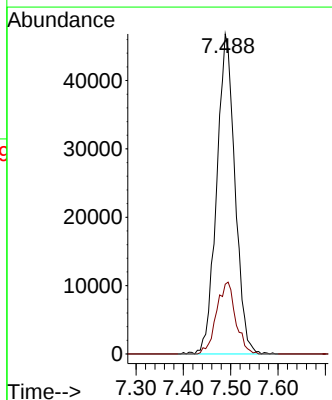
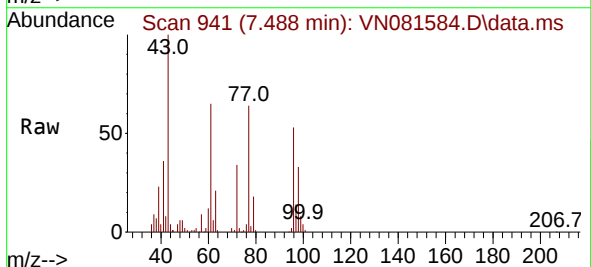
Manual Integrations
APPROVED

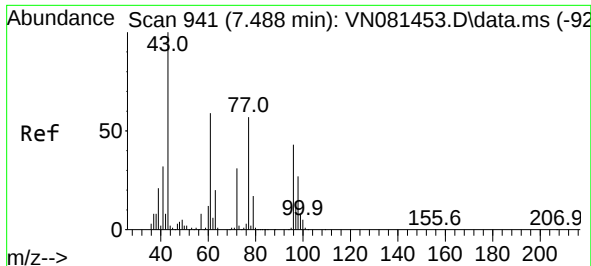
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#26
2,2-Dichloropropane
Concen: 19.423 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 77 Resp: 125552
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.419 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN081584.D

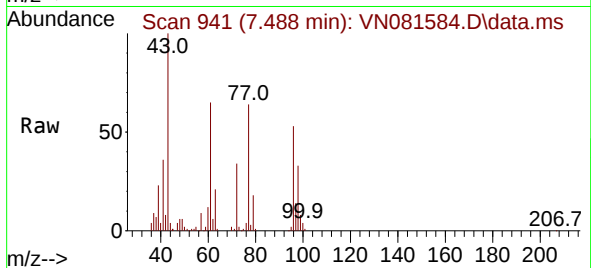
Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01



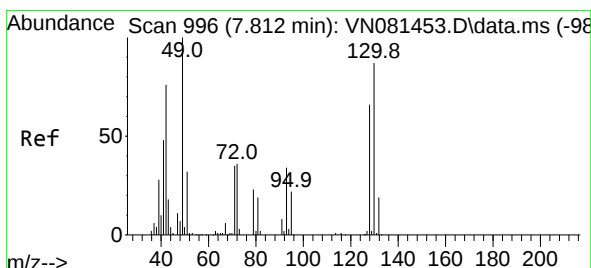
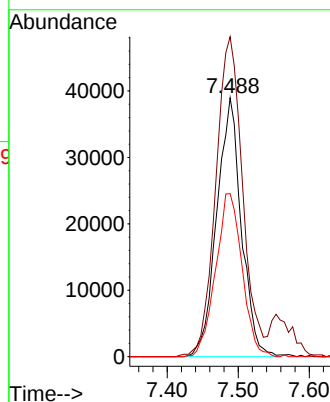
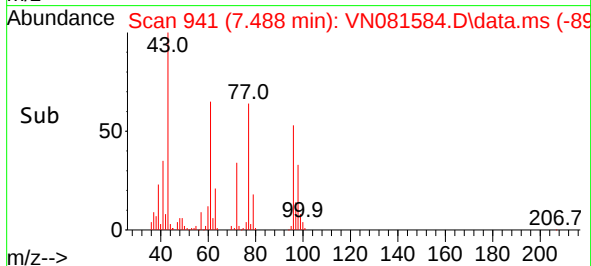
Tgt Ion:	96	Resp:	93629
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	325.4
98	67.7	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#28

Bromochloromethane

Concen: 21.978 ug/l

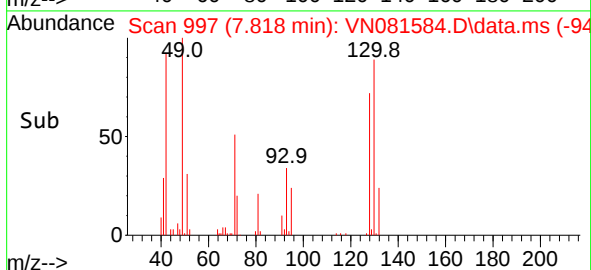
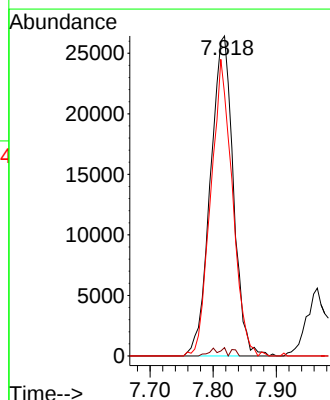
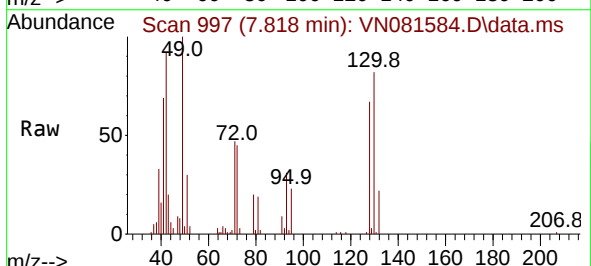
RT: 7.818 min Scan# 997

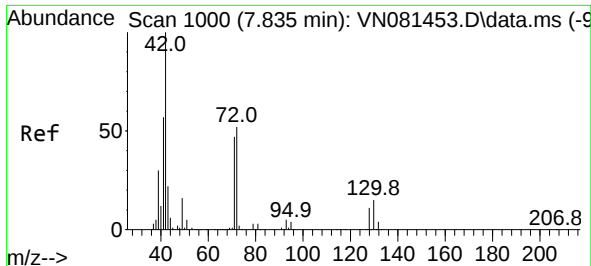
Delta R.T. 0.006 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Tgt Ion:	49	Resp:	66718
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.6
130	87.2	42.3	63.5





#29

Tetrahydrofuran

Concen: 93.571 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081584.D

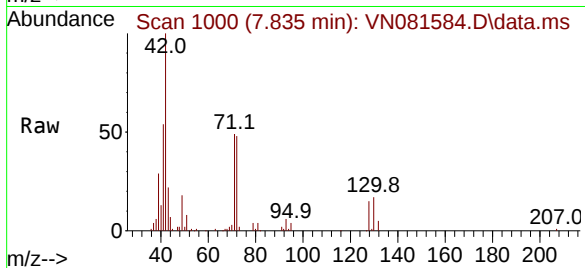
Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01



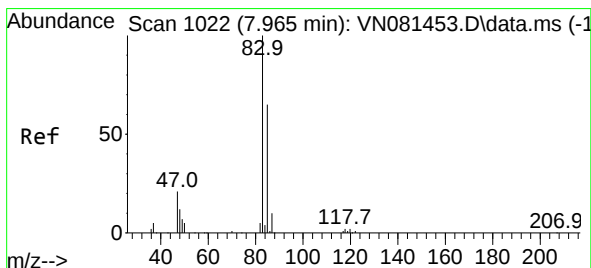
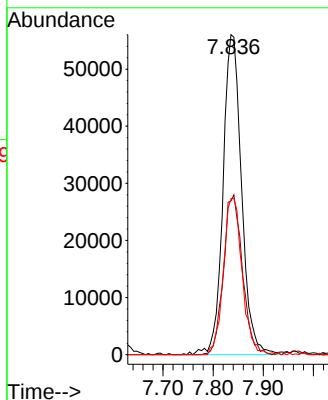
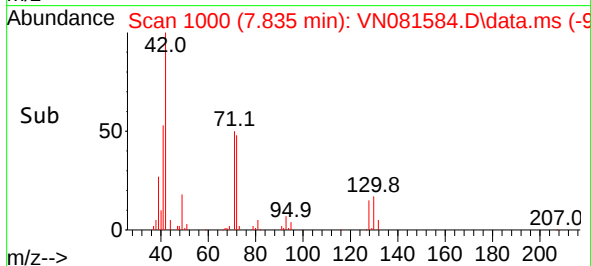
Tgt Ion:	42	Resp:	144304
Ion Ratio	Lower	Upper	
42	100		
72	50.9	31.1	46.7
71	49.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#30

Chloroform

Concen: 20.674 ug/l

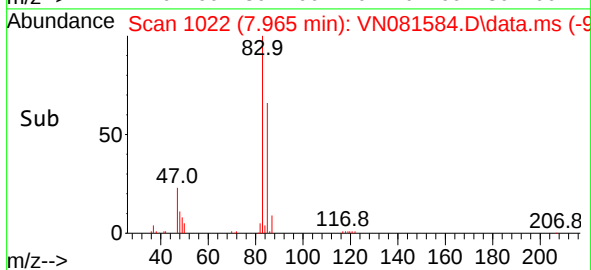
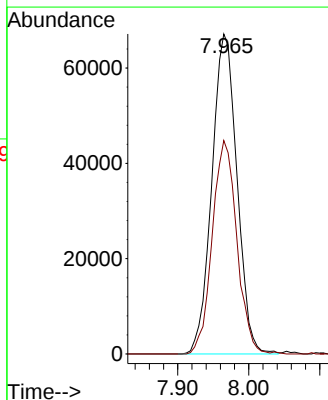
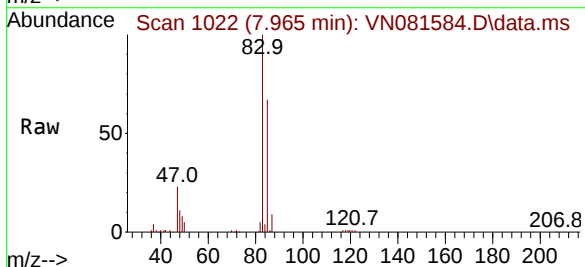
RT: 7.965 min Scan# 1022

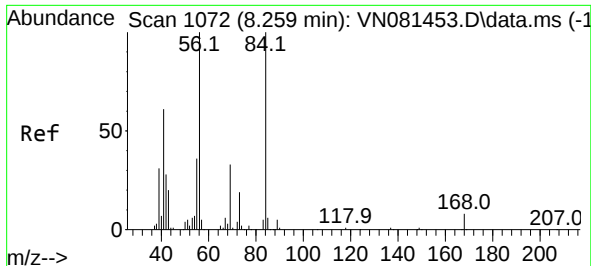
Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

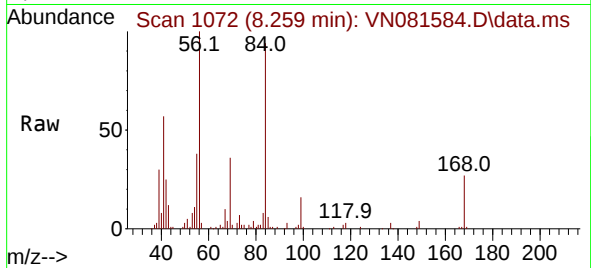
Tgt Ion:	83	Resp:	164947
Ion Ratio	Lower	Upper	
83	100		
85	66.7	51.0	76.6





#31
Cyclohexane
Concen: 17.714 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

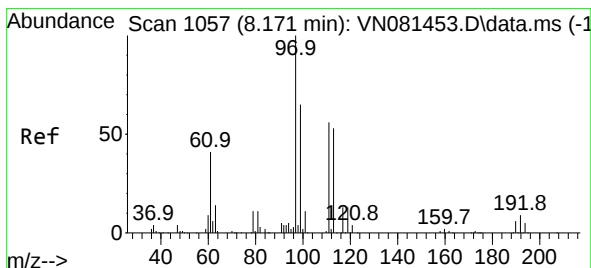
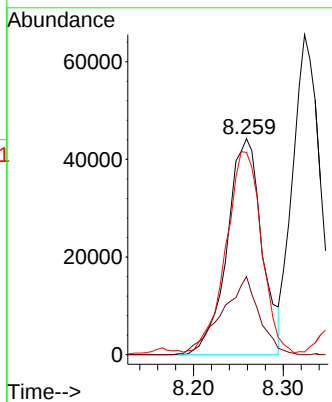
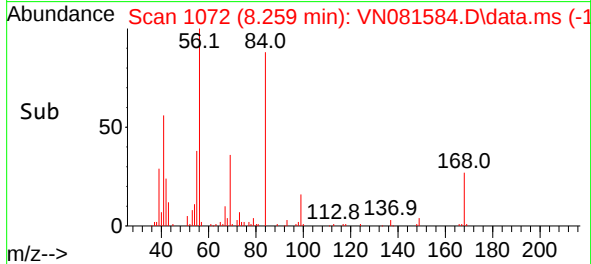
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 56 Resp: 11904
Ion Ratio Lower Upper
56 100
69 35.6 20.1 30.1
84 91.6 56.9 85.3

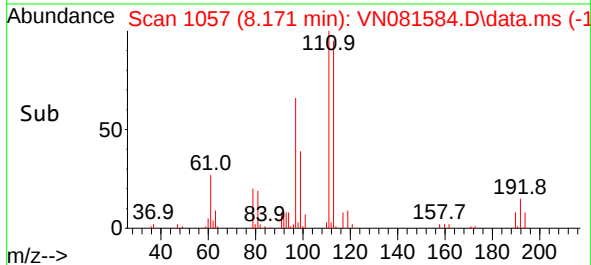
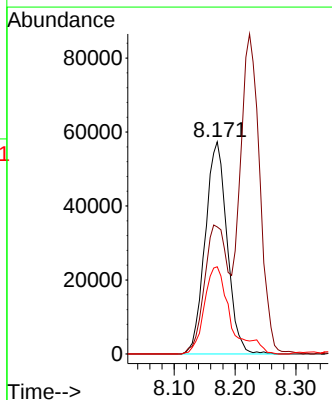
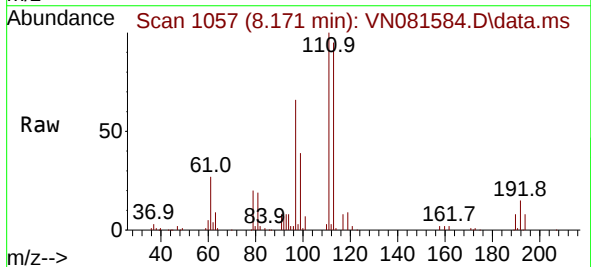
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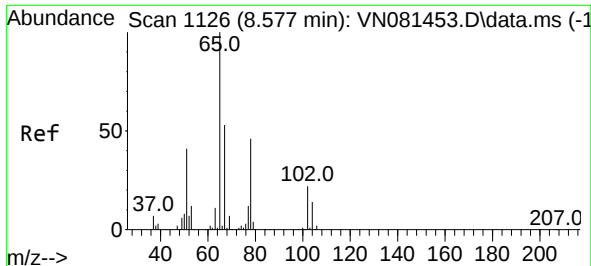
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#32
1,1,1-Trichloroethane
Concen: 19.772 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 97 Resp: 143124
Ion Ratio Lower Upper
97 100
99 65.1 53.4 80.0
61 48.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 55.507 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 65 Resp: 229230

Ion Ratio Lower Upper

65 100

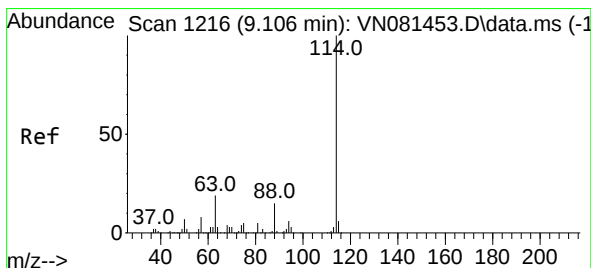
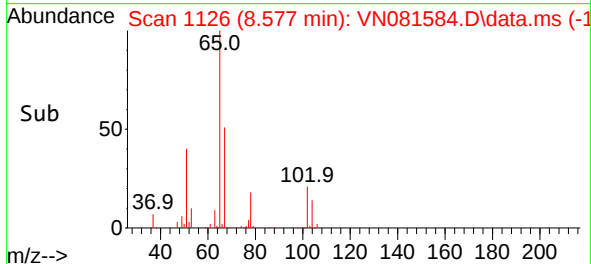
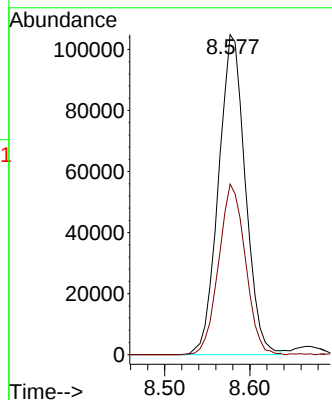
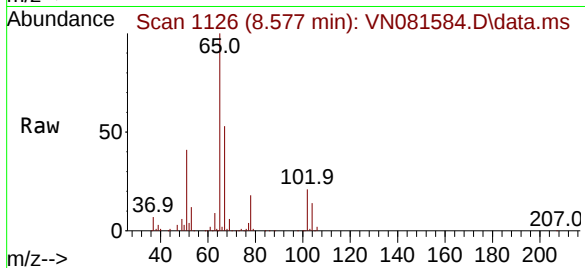
67 53.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

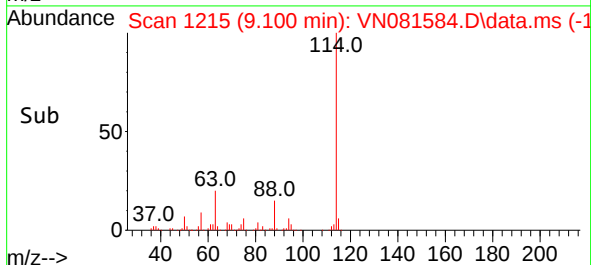
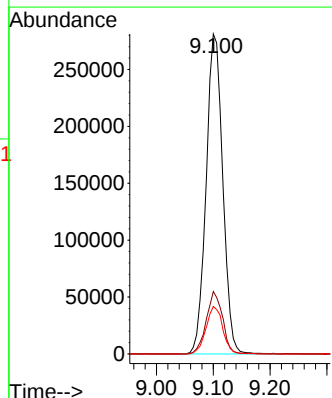
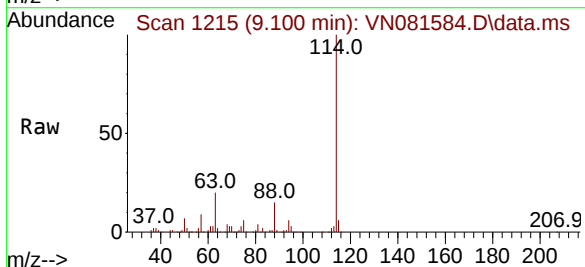
Tgt Ion:114 Resp: 571123

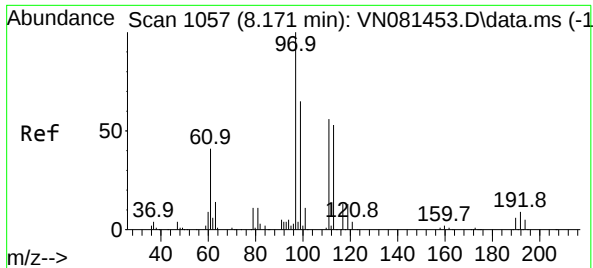
Ion Ratio Lower Upper

114 100

63 19.5 0.0 48.0

88 14.8 0.0 34.8





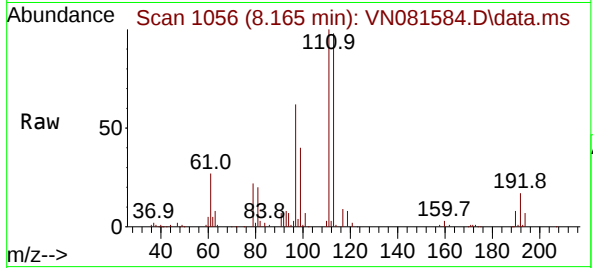
#35
Dibromofluoromethane
Concen: 56.971 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01



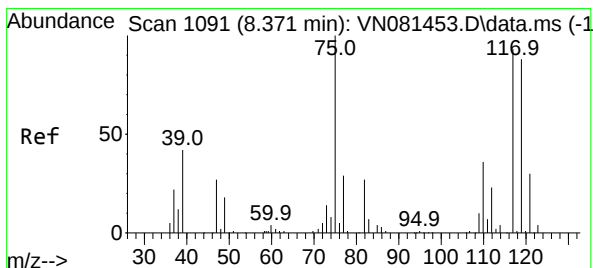
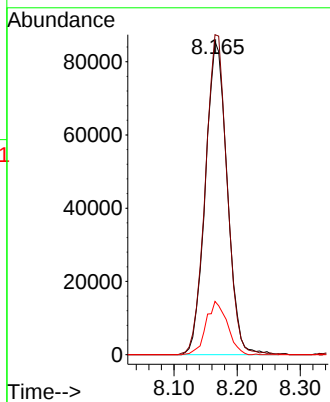
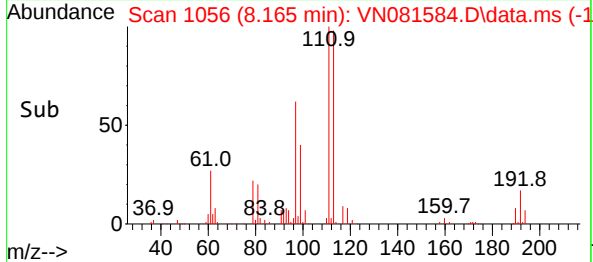
Tgt Ion: 113 Resp: 205340
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.6 12.5 18.7

Manual Integrations

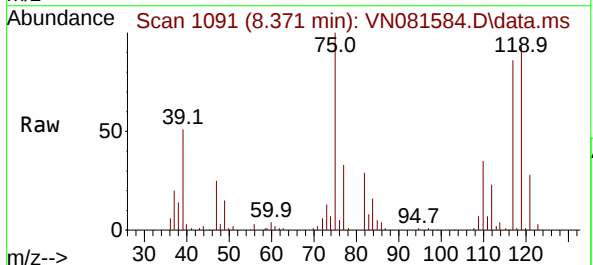
APPROVED

Reviewed By :John Carlone 03/28/2024

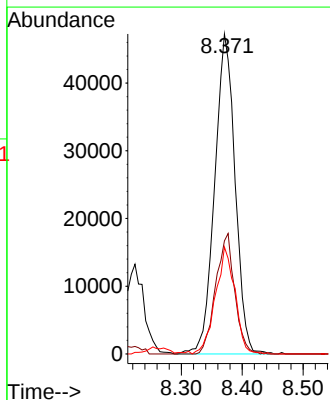
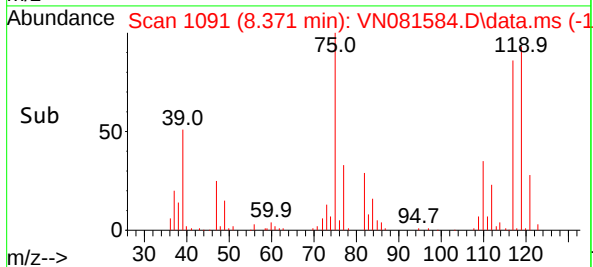
Supervised By :Mahesh Dadoda 03/28/2024

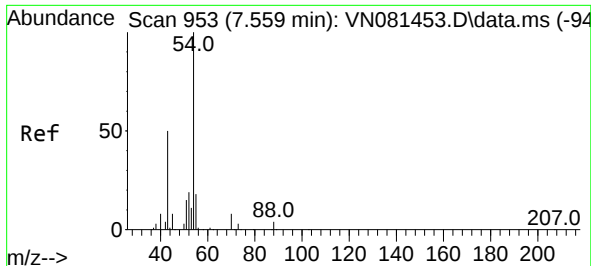


#36
1,1-Dichloropropene
Concen: 18.128 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



Tgt Ion: 75 Resp: 109957
Ion Ratio Lower Upper
75 100
110 35.0 16.0 48.0
77 31.9 25.8 38.6





#37

Ethyl Acetate

Concen: 17.234 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 43 Resp: 8951

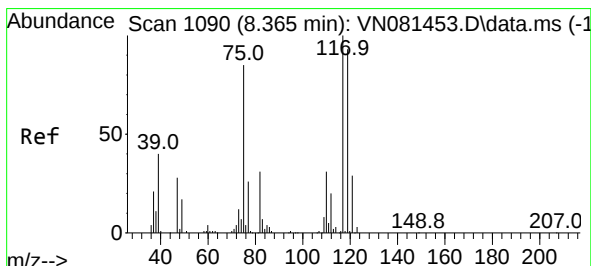
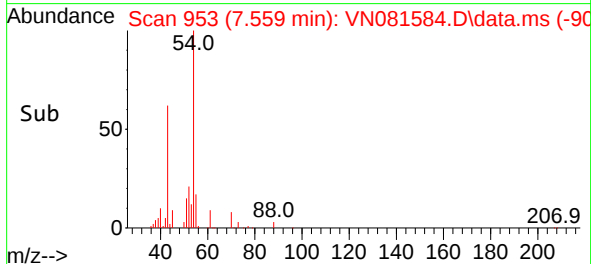
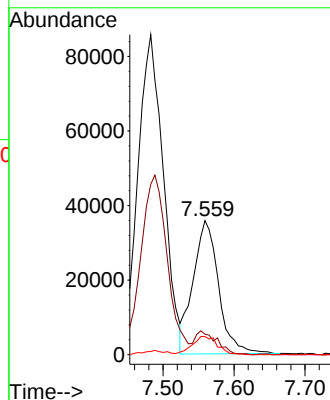
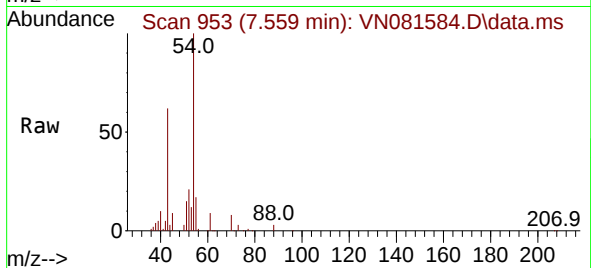
Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.6	15.8
70	13.5	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#38

Carbon Tetrachloride

Concen: 18.605 ug/l

RT: 8.365 min Scan# 1090

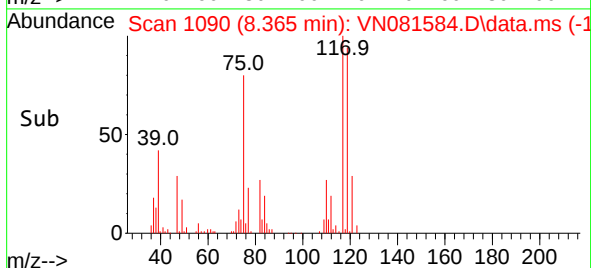
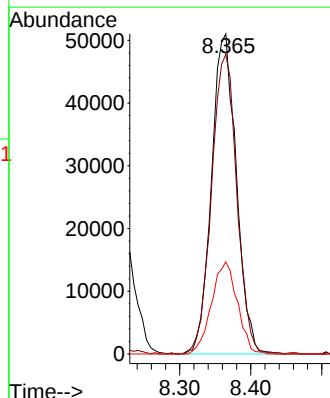
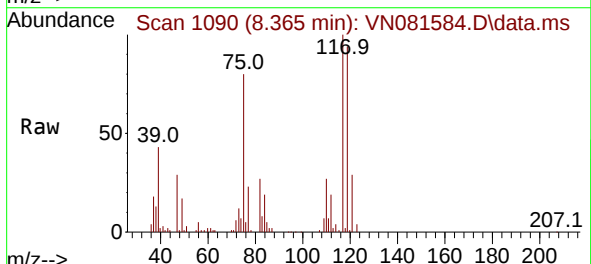
Delta R.T. 0.000 min

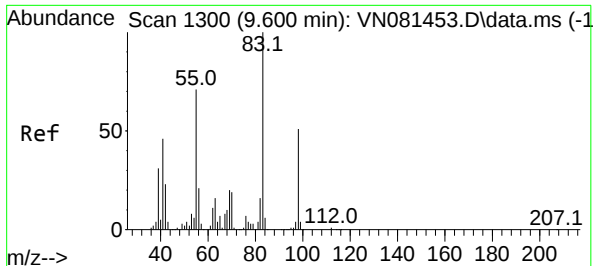
Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Tgt Ion:117 Resp: 123627

Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.4	110.2
121	28.8	24.4	36.6





#39

Methylcyclohexane

Concen: 17.650 ug/l

RT: 9.600 min Scan# 11956

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 83 Resp: 11956

Ion Ratio Lower Upper

83 100

55 69.5 65.7 98.5

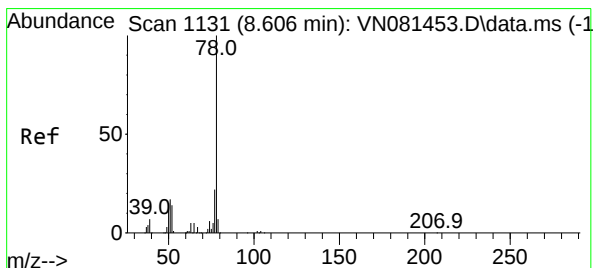
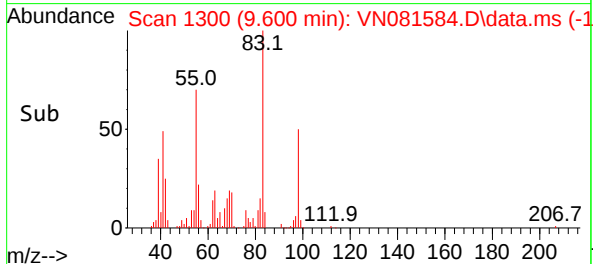
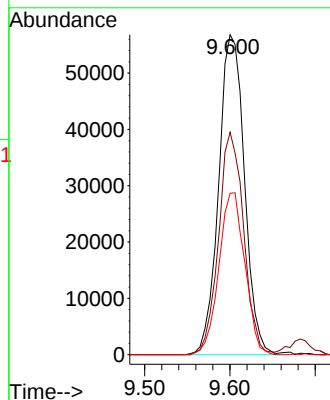
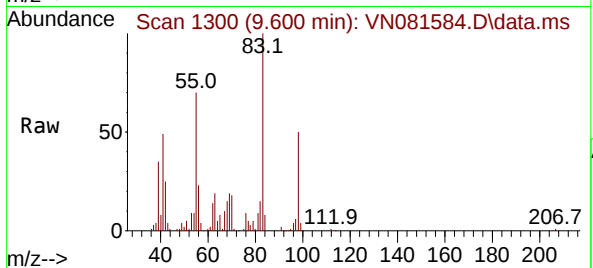
98 50.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#40

Benzene

Concen: 19.312 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081584.D

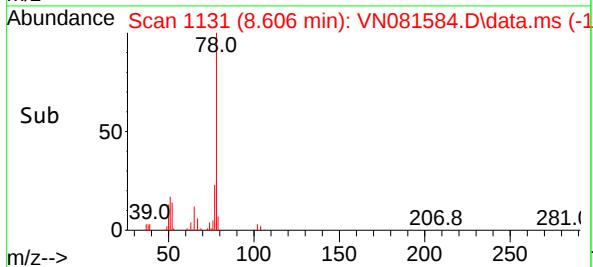
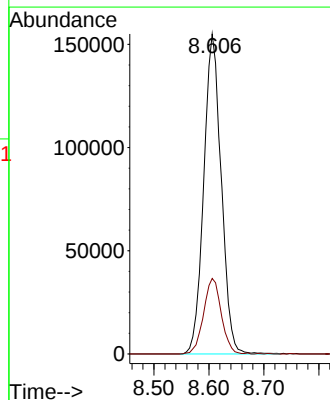
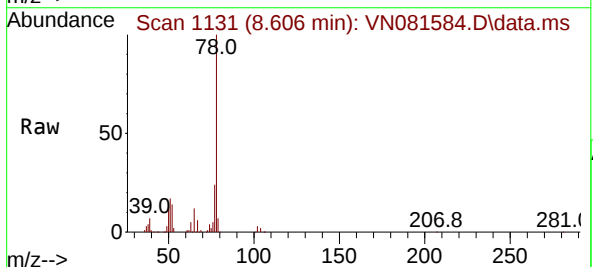
Acq: 27 Mar 2024 14:45

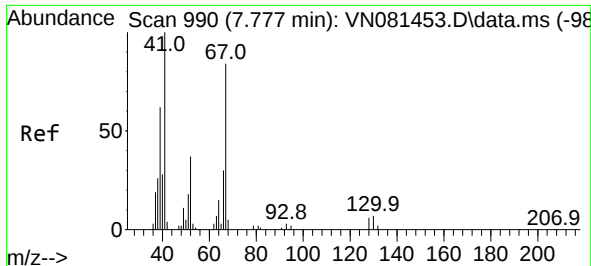
Tgt Ion: 78 Resp: 342476

Ion Ratio Lower Upper

78 100

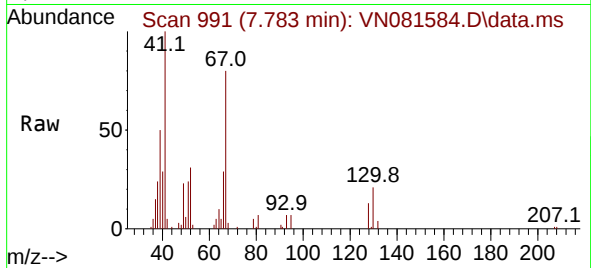
77 23.6 20.4 30.6





#41
Methacrylonitrile
Concen: 17.879 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

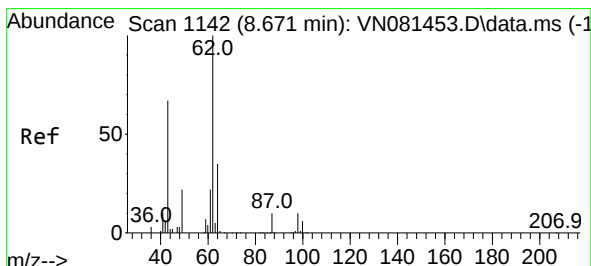
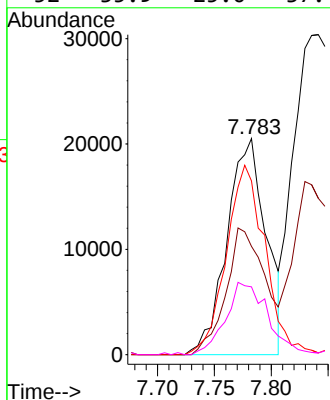
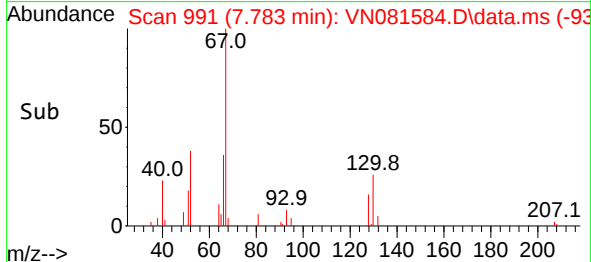
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 41 Resp: 4911
Ion Ratio Lower Upper
41 100
39 58.4 48.4 72.6
67 87.2 56.8 85.2
52 35.9 25.0 37.4

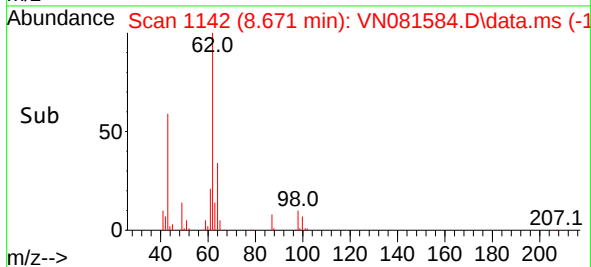
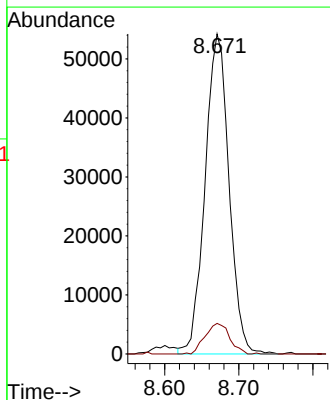
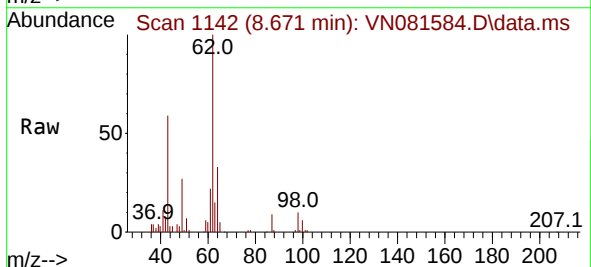
Manual Integrations
APPROVED

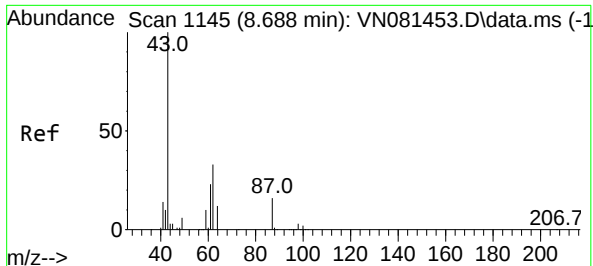
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#42
1,2-Dichloroethane
Concen: 19.519 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

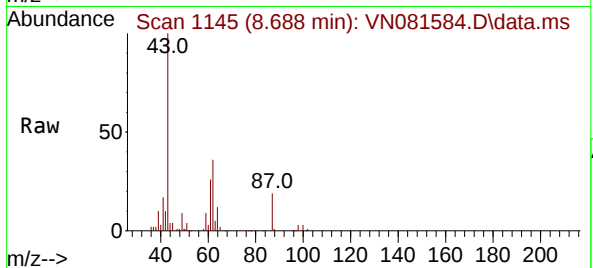
Tgt Ion: 62 Resp: 121815
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 17.684 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

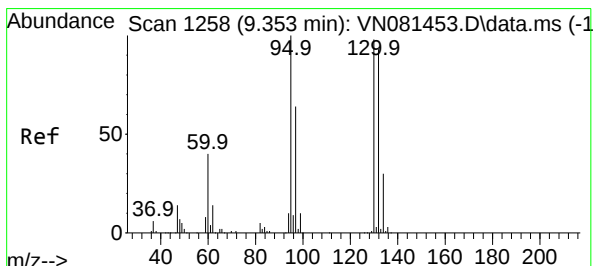
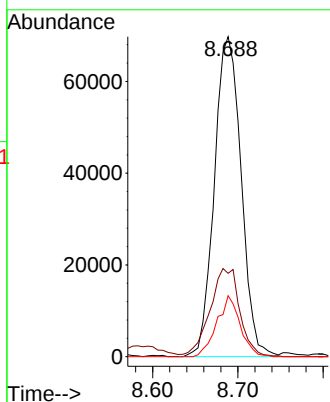
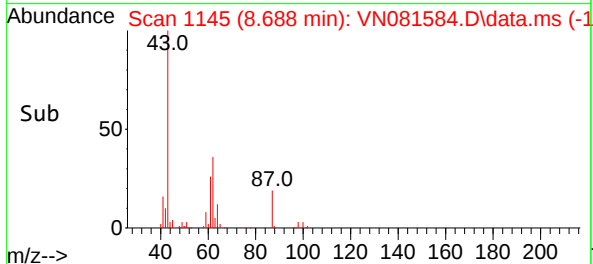
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 43 Resp: 152250
Ion Ratio Lower Upper
43 100
61 30.8 19.9 29.9
87 16.6 9.0 13.6

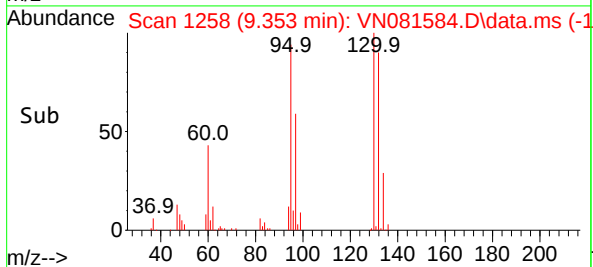
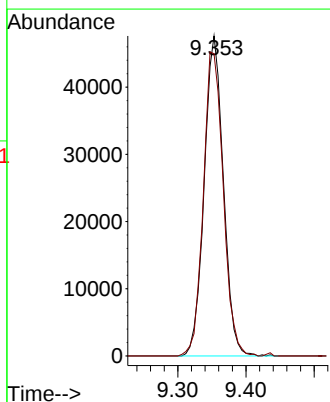
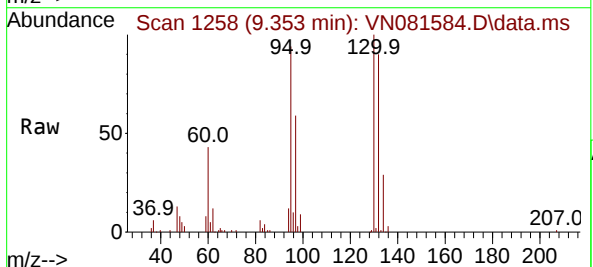
Manual Integrations
APPROVED

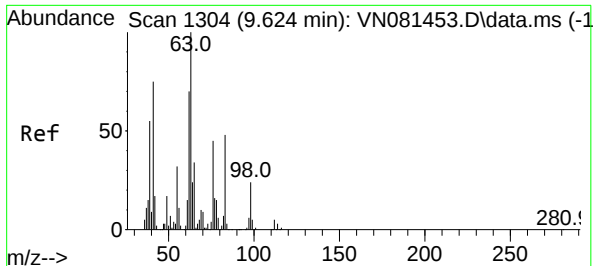
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#44
Trichloroethene
Concen: 18.694 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion:130 Resp: 93240
Ion Ratio Lower Upper
130 100
95 94.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.001 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 63 Resp: 8596

Ion Ratio Lower Upper

63 100

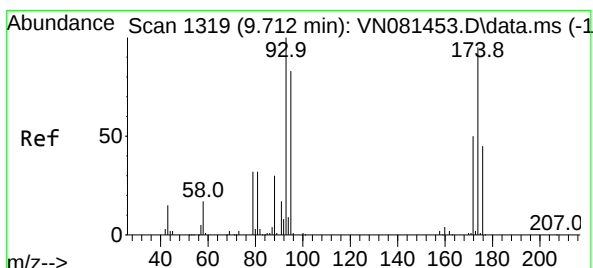
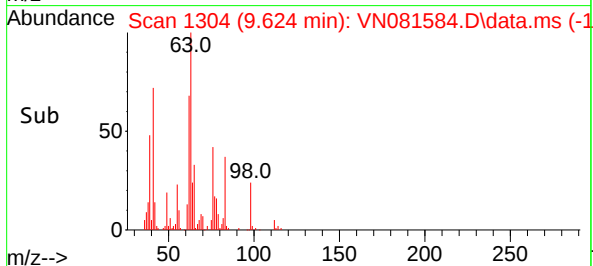
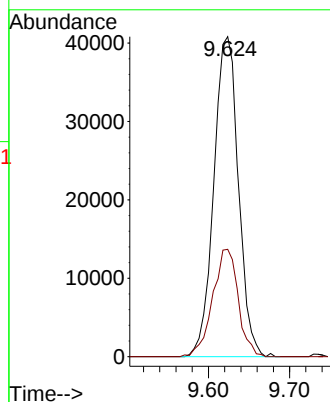
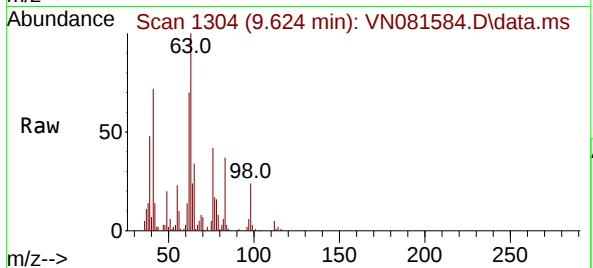
65 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#46

Dibromomethane

Concen: 20.033 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

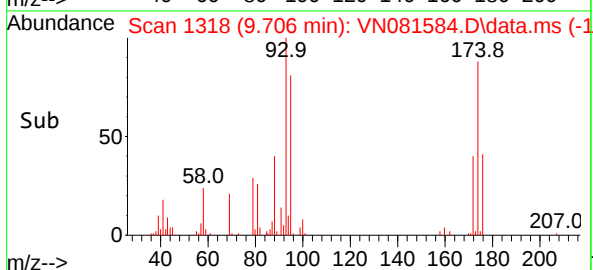
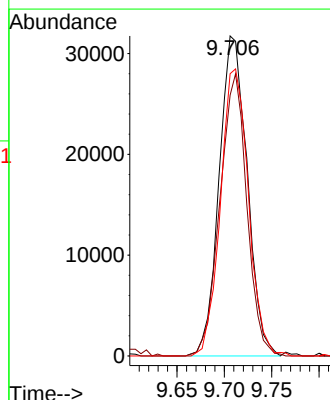
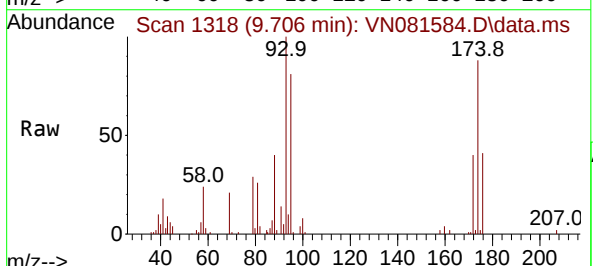
Tgt Ion: 93 Resp: 65385

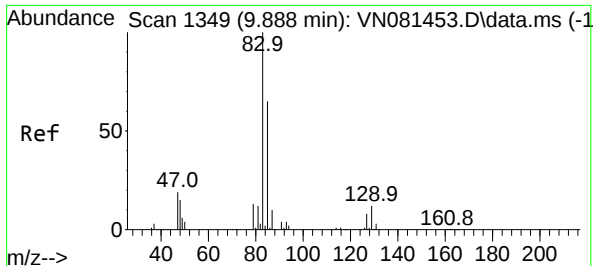
Ion Ratio Lower Upper

93 100

95 84.4 68.1 102.1

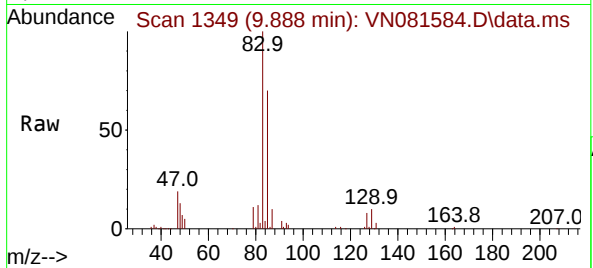
174 89.4 57.2 85.8#





#47
Bromodichloromethane
Concen: 20.197 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

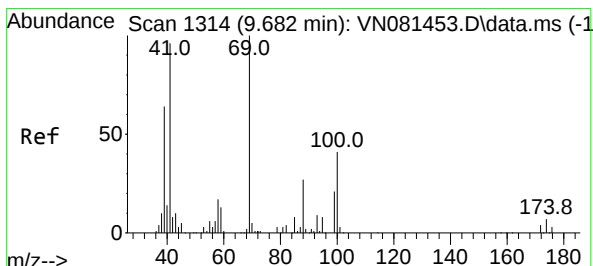
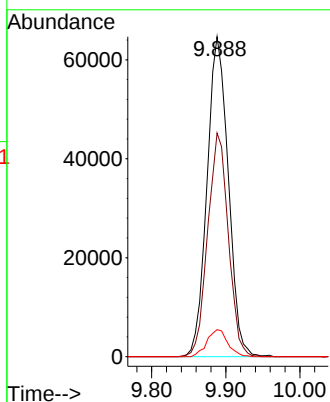
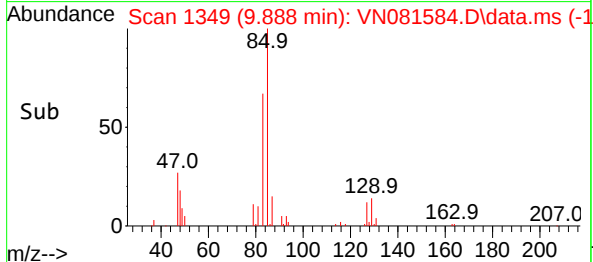
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



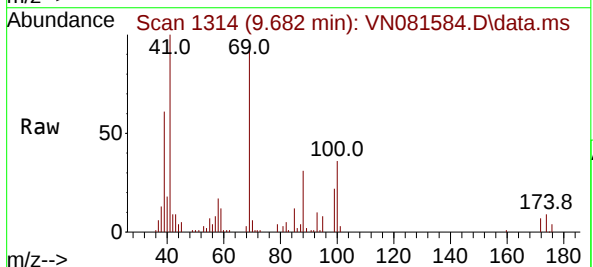
Tgt Ion: 83 Resp: 128884
Ion Ratio Lower Upper
83 100
85 69.9 52.3 78.5
127 8.4 4.6 7.0

Manual Integrations
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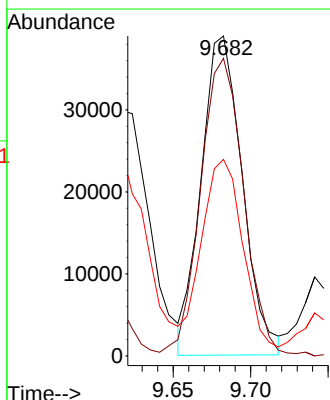
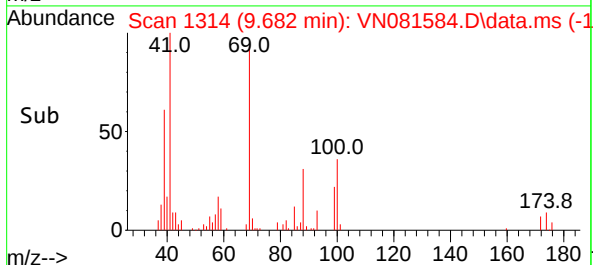
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

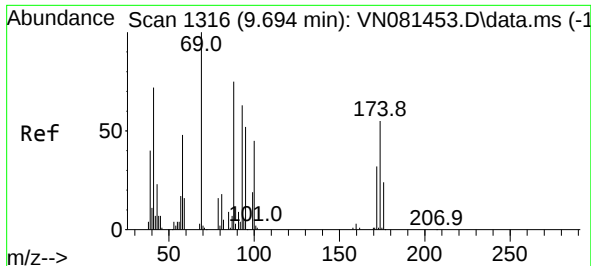


#48
Methyl methacrylate
Concen: 18.111 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



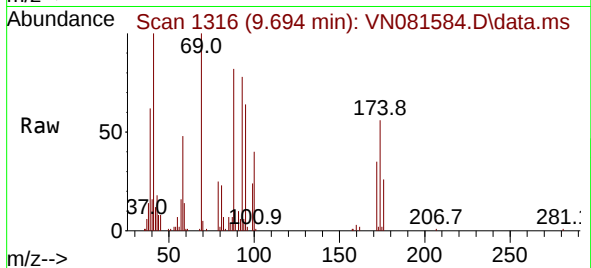
Tgt Ion: 41 Resp: 71922
Ion Ratio Lower Upper
41 100
69 97.8 62.2 93.2
39 63.4 47.6 71.4





#49
1,4-Dioxane
Concen: 386.920 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

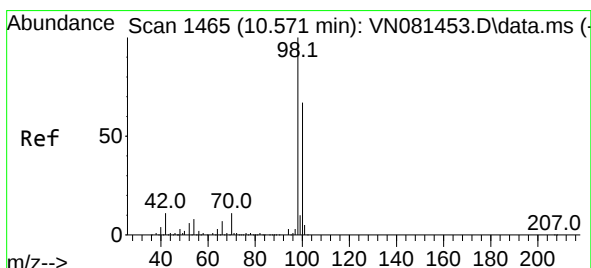
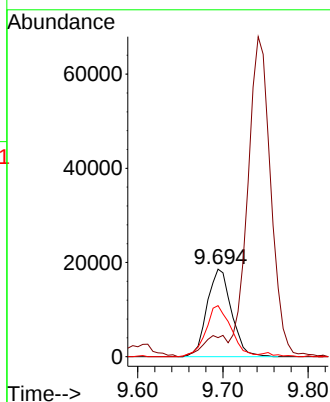
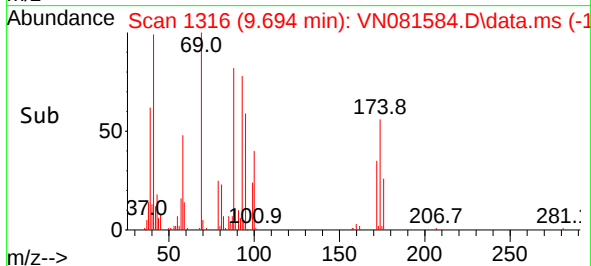
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



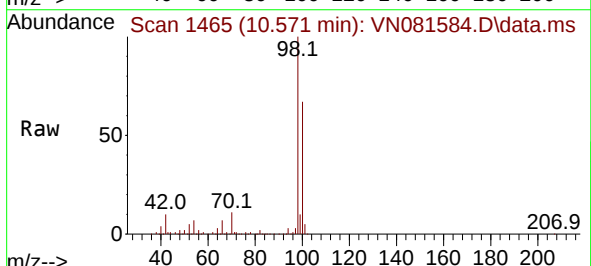
Tgt Ion: 88 Resp: 36925
Ion Ratio Lower Upper
88 100
43 23.7 30.1 45.1
58 60.6 63.9 95.9

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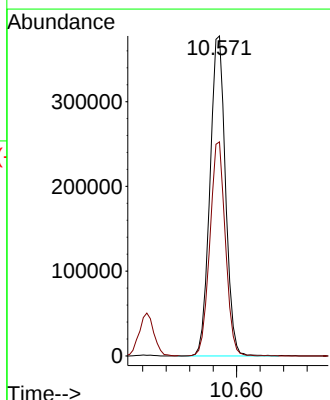
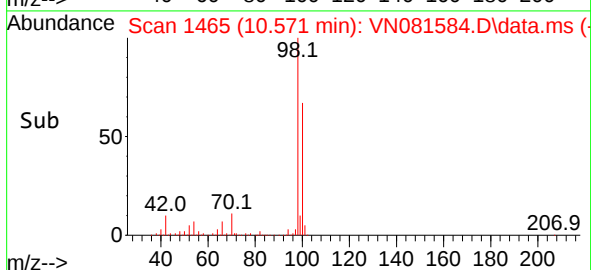
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

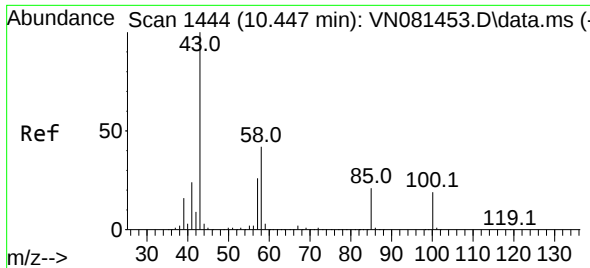


#50
Toluene-d8
Concen: 53.083 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



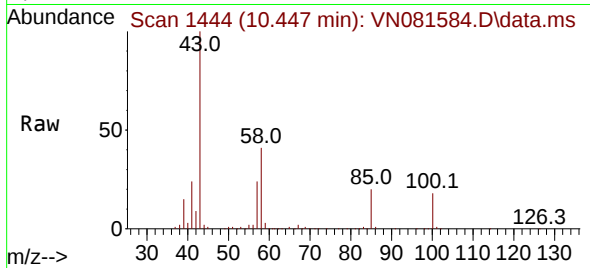
Tgt Ion: 98 Resp: 691635
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 91.860 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

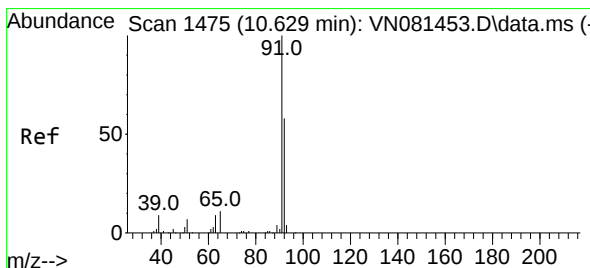
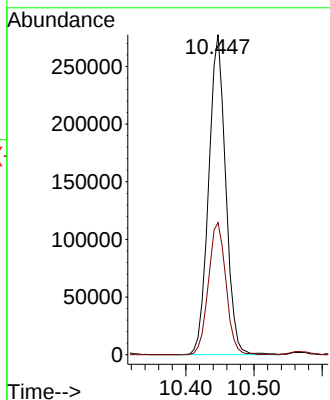
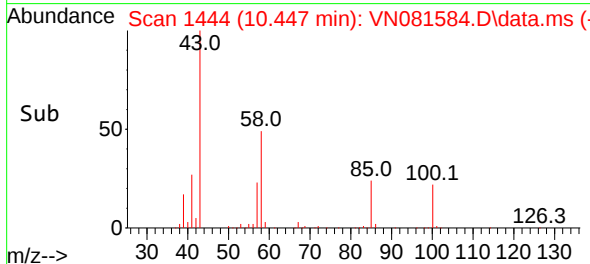
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 43 Resp: 482598
Ion Ratio Lower Upper
43 100
58 42.4 29.4 44.0

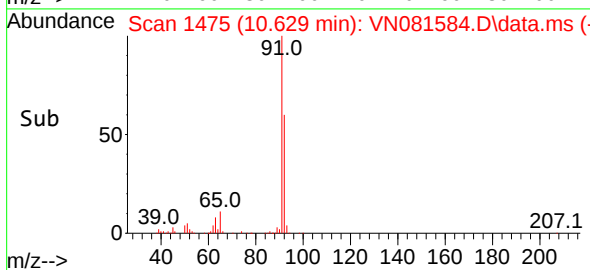
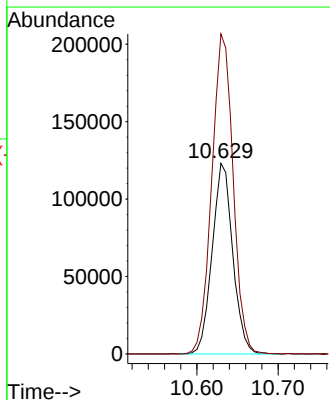
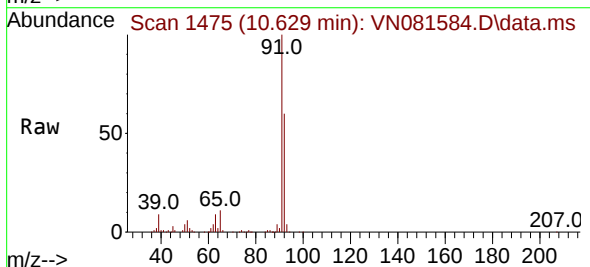
Manual Integrations
APPROVED

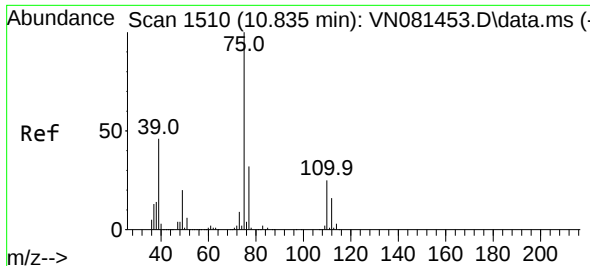
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#52
Toluene
Concen: 19.260 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

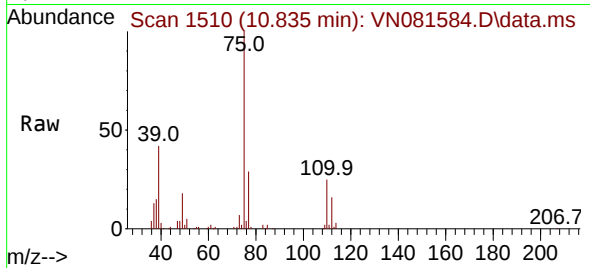
Tgt Ion: 92 Resp: 217089
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.159 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

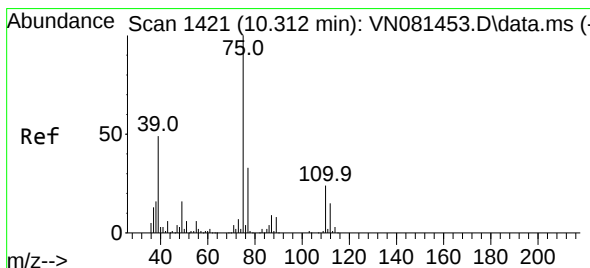
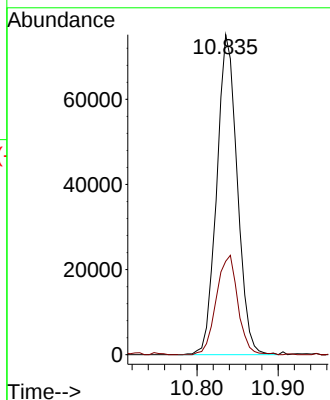
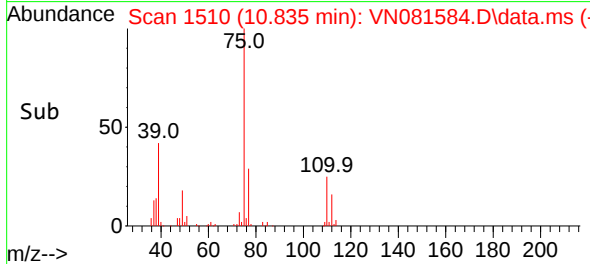
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 75 Resp: 13202
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3

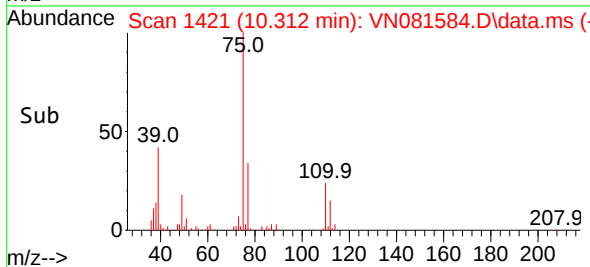
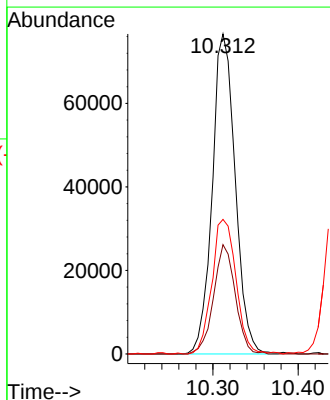
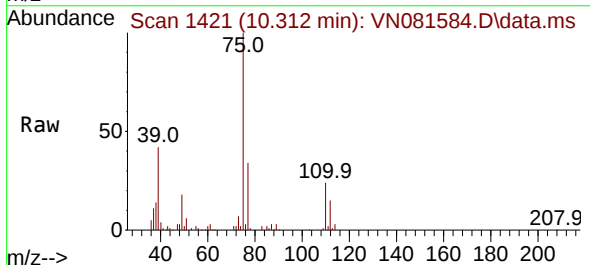
Manual Integrations
APPROVED

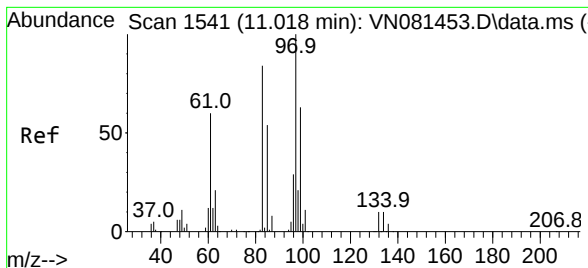
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#54
cis-1,3-Dichloropropene
Concen: 19.449 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

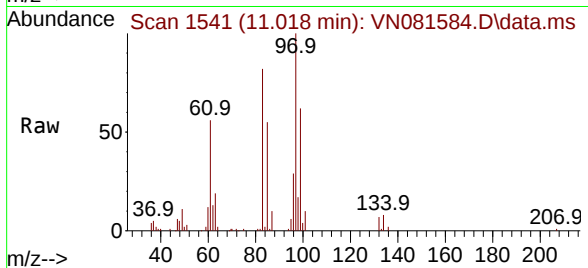
Tgt Ion: 75 Resp: 143687
Ion Ratio Lower Upper
75 100
77 34.2 23.3 34.9
39 41.7 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 20.073 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

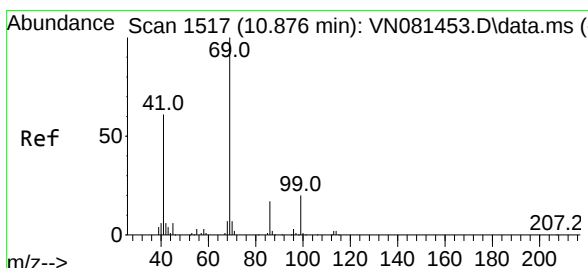
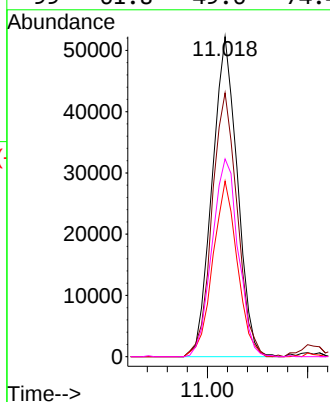
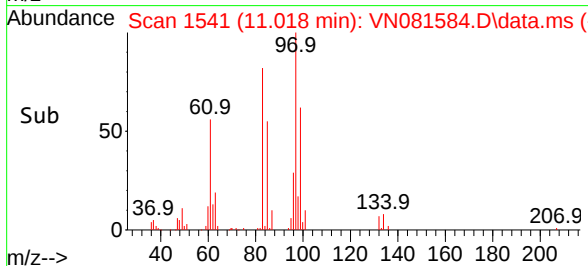
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



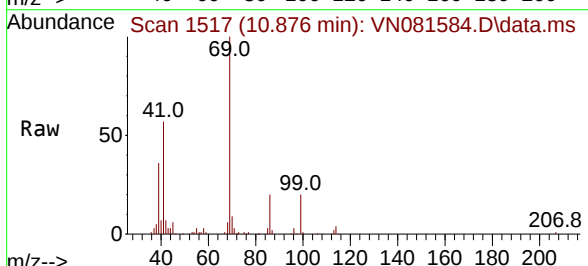
Tgt Ion: 97 Resp: 91052
Ion Ratio Lower Upper
97 100
83 82.5 72.9 109.3
85 54.8 50.2 75.2
99 61.8 49.6 74.4

Manual Integrations
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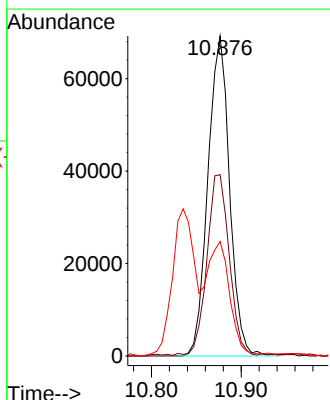
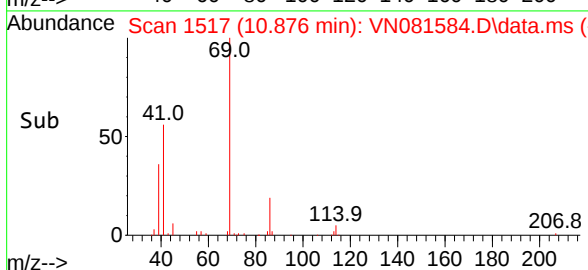
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

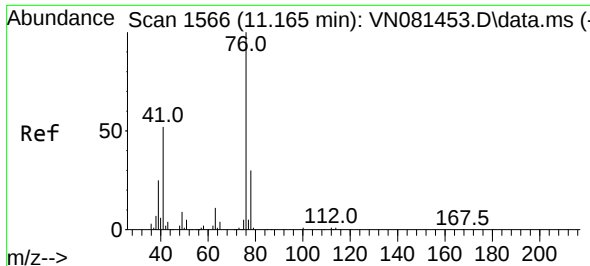


#56
Ethyl methacrylate
Concen: 18.718 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



Tgt Ion: 69 Resp: 116061
Ion Ratio Lower Upper
69 100
41 57.9 61.0 91.6#
39 32.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.542 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 76 Resp: 15275

Ion Ratio Lower Upper

76 100

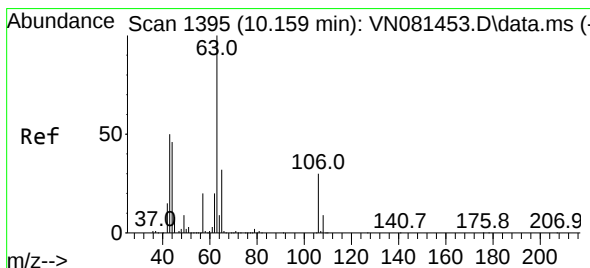
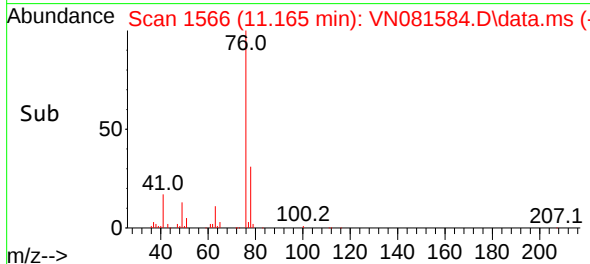
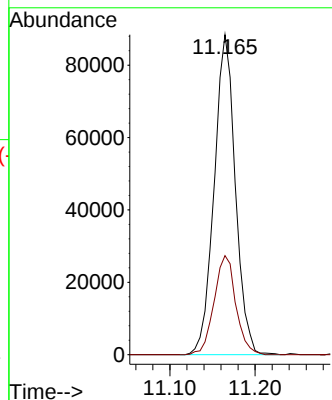
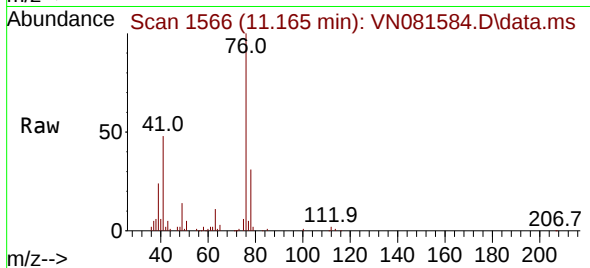
78 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#58

2-Chloroethyl Vinyl ether

Concen: 95.610 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081584.D

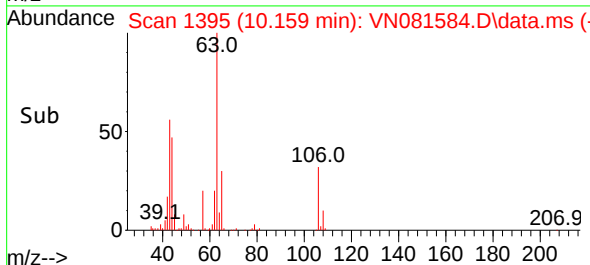
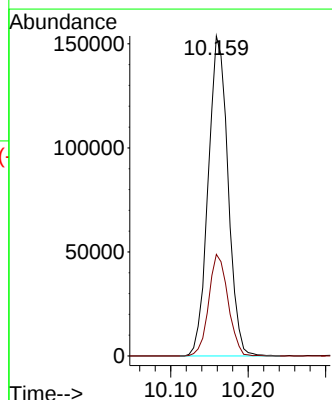
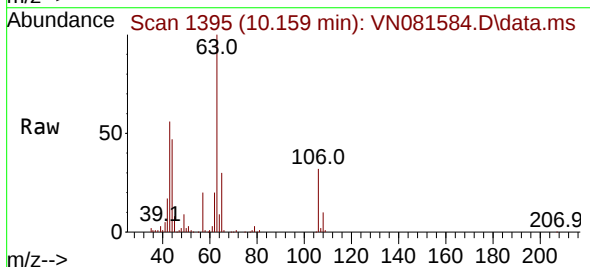
Acq: 27 Mar 2024 14:45

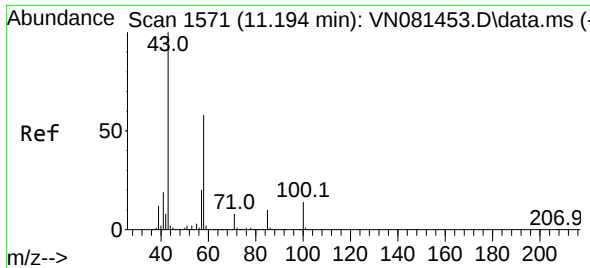
Tgt Ion: 63 Resp: 272891

Ion Ratio Lower Upper

63 100

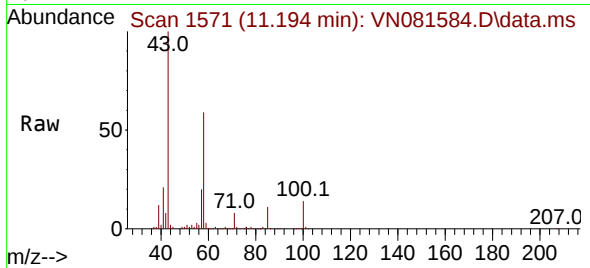
106 31.0 18.6 28.0#





#59
2-Hexanone
Concen: 91.638 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

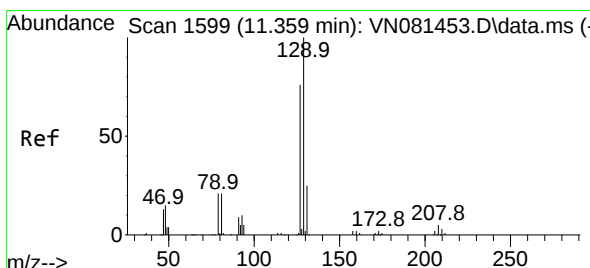
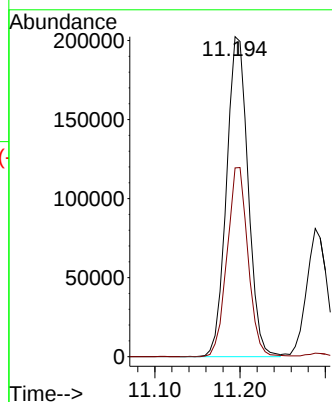
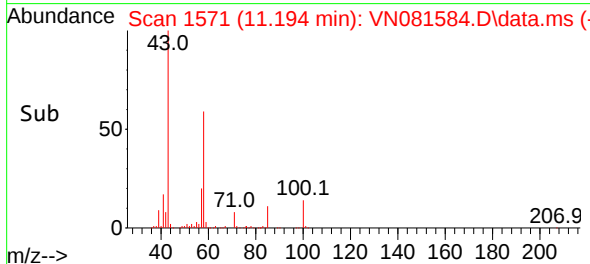
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 43 Resp: 35594
Ion Ratio Lower Upper
43 100
58 57.4 25.9 77.8

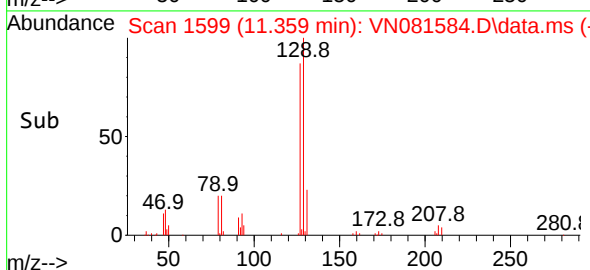
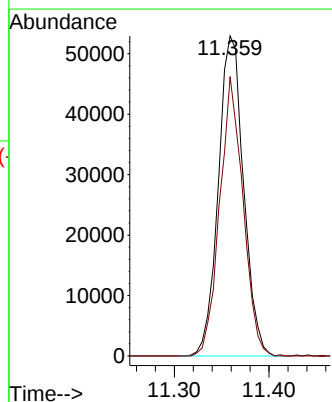
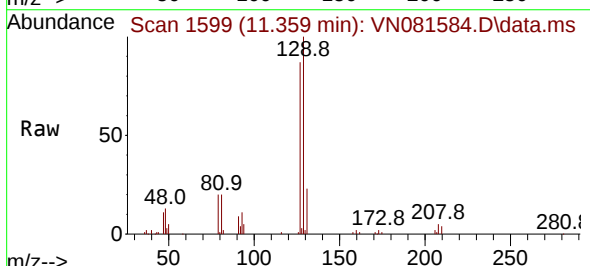
Manual Integrations
APPROVED

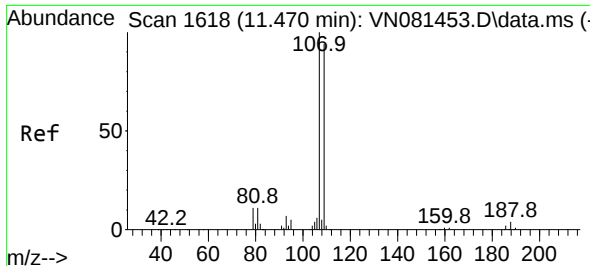
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#60
Dibromochloromethane
Concen: 19.649 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

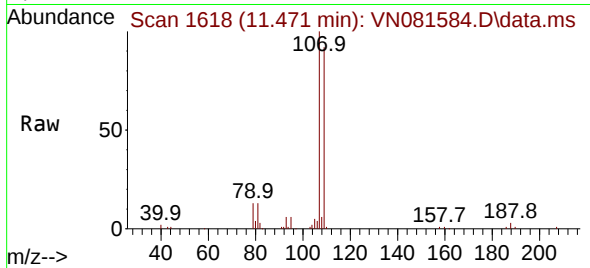
Tgt Ion:129 Resp: 98022
Ion Ratio Lower Upper
129 100
127 80.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.192 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

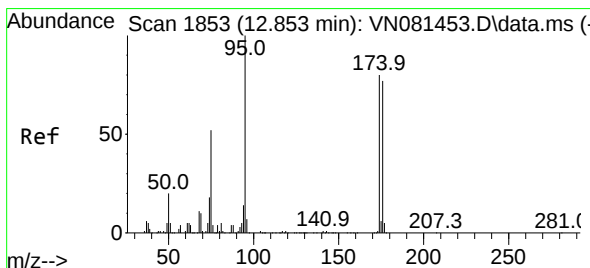
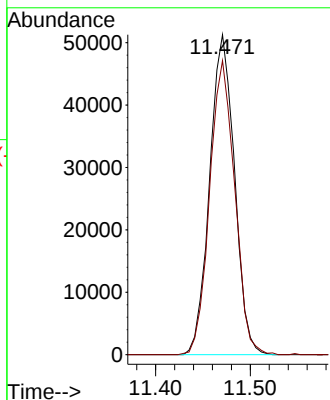
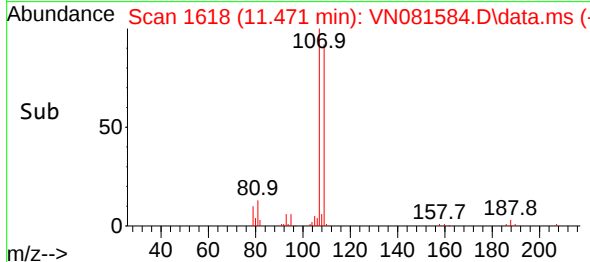
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



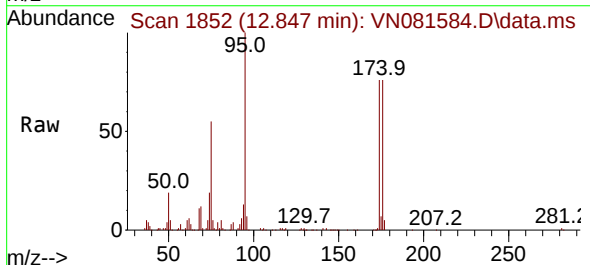
Tgt Ion:107 Resp: 93379
Ion Ratio Lower Upper
107 100
109 92.8 73.4 110.2

Manual Integrations
APPROVED

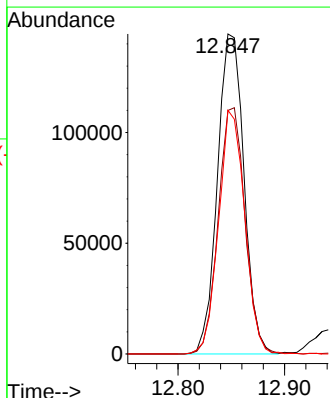
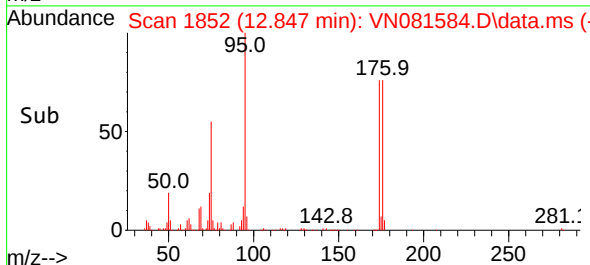
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

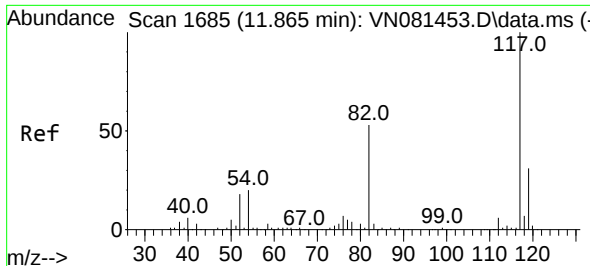


#62
4-Bromofluorobenzene
Concen: 54.346 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



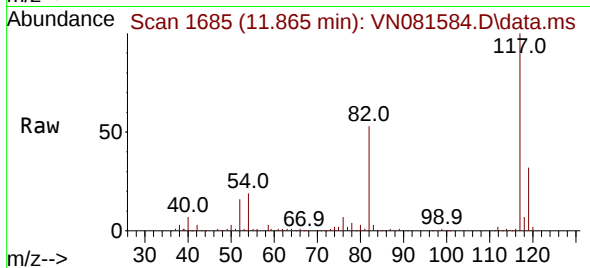
Tgt Ion: 95 Resp: 249506
Ion Ratio Lower Upper
95 100
174 77.9 0.0 120.4
176 75.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

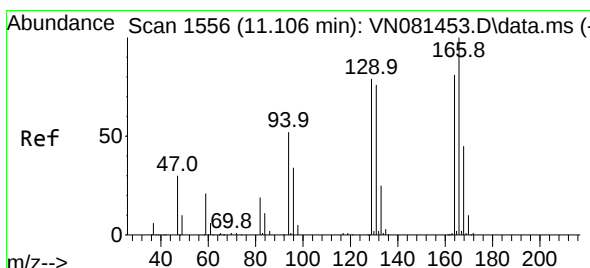
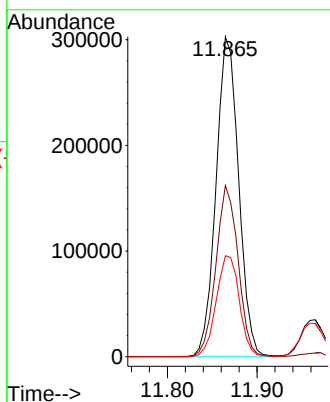
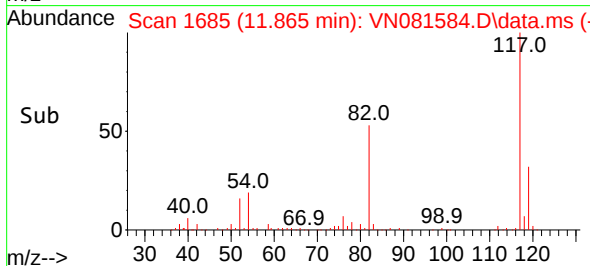
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:117 Resp: 53039
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 31.6 25.3 37.9

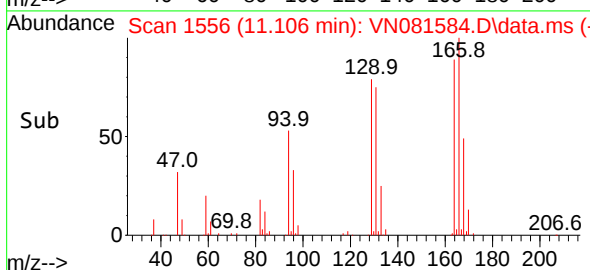
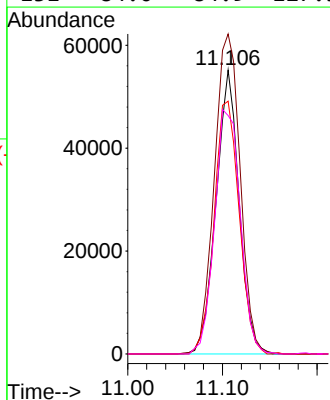
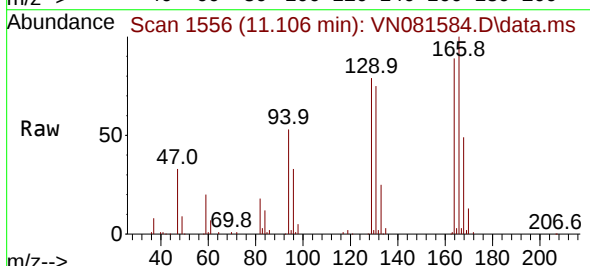
Manual Integrations
APPROVED

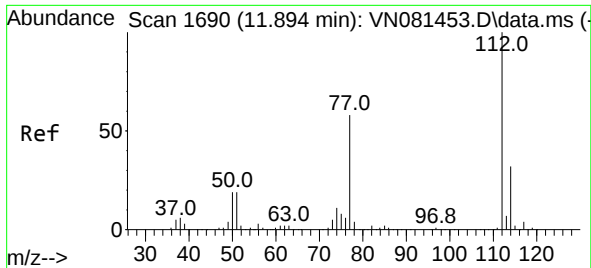
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#64
Tetrachloroethene
Concen: 18.414 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion:164 Resp: 93357
Ion Ratio Lower Upper
164 100
166 112.8 105.8 158.6
129 89.1 89.6 134.4#
131 84.0 84.9 127.3#





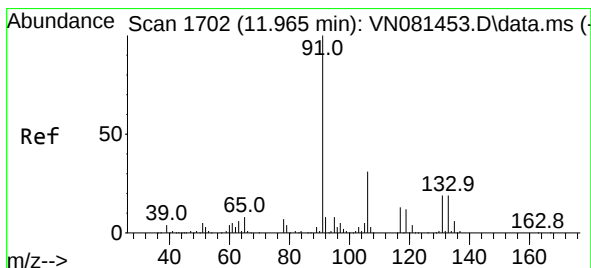
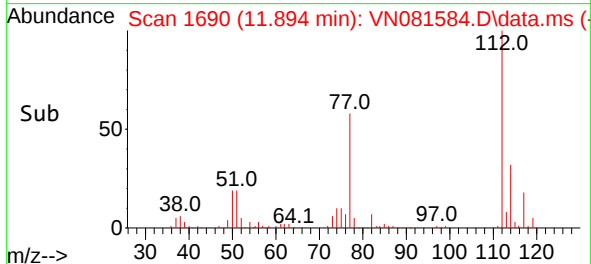
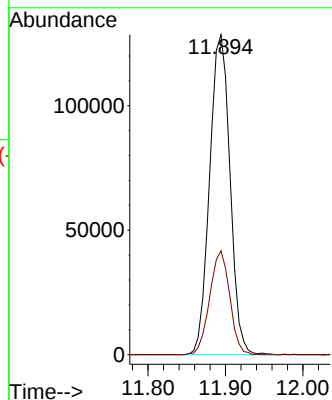
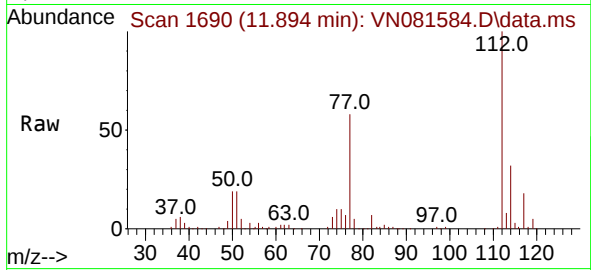
#65
Chlorobenzene
Concen: 18.746 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:112 Resp: 235045
Ion Ratio Lower Upper
112 100
114 32.4 23.7 35.5

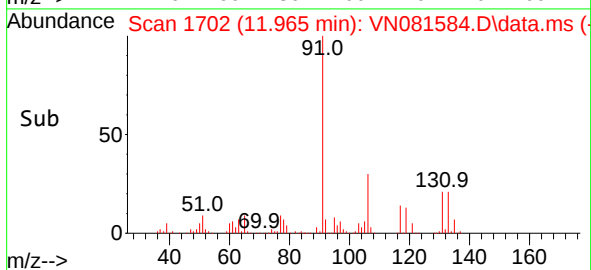
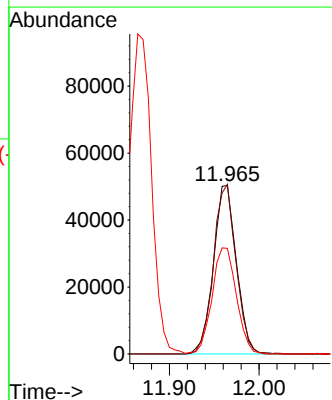
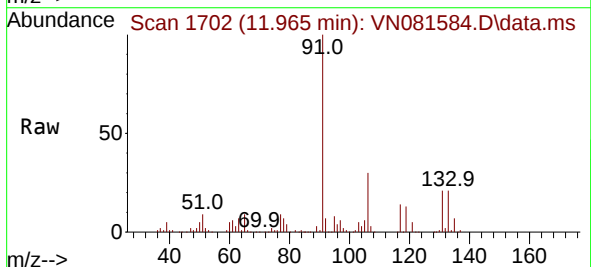
Manual Integrations
APPROVED

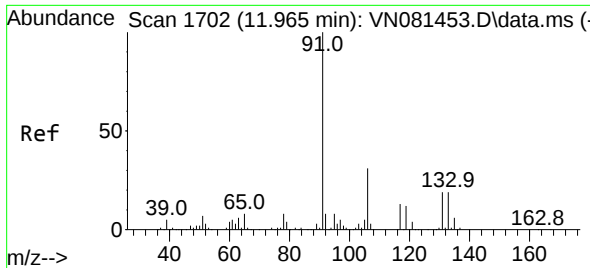
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.274 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion:131 Resp: 89568
Ion Ratio Lower Upper
131 100
133 98.5 46.8 140.3
119 66.6 34.6 103.9





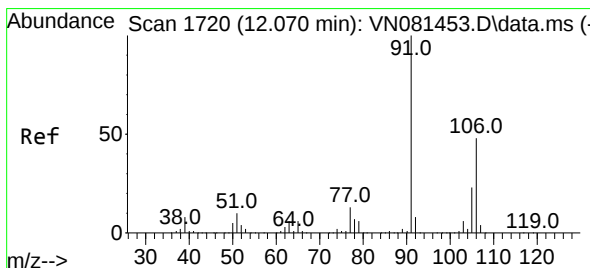
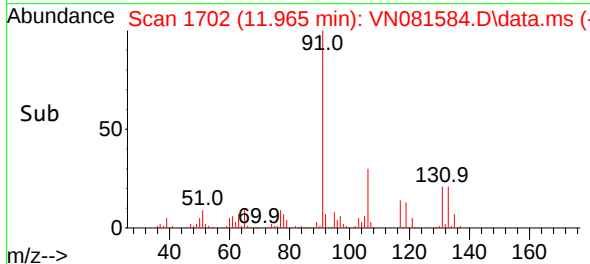
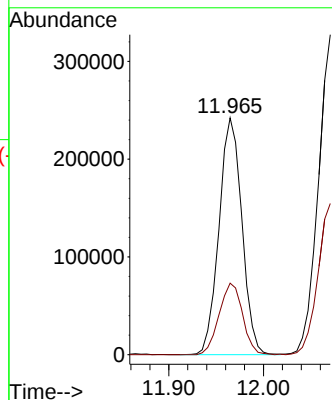
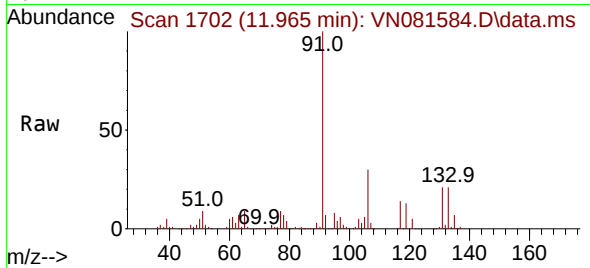
#67
Ethyl Benzene
Concen: 18.697 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 91 Resp: 40723
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

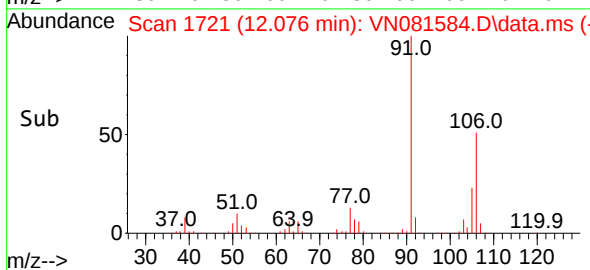
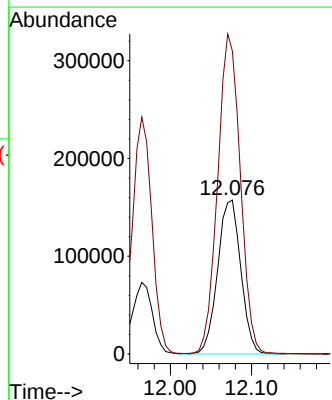
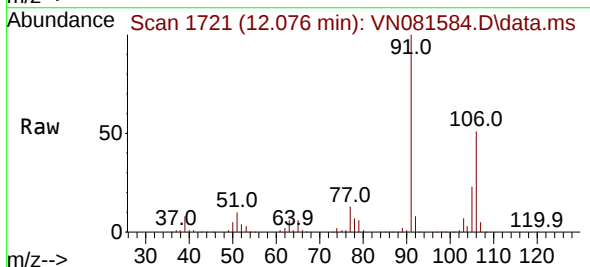
Manual Integrations
APPROVED

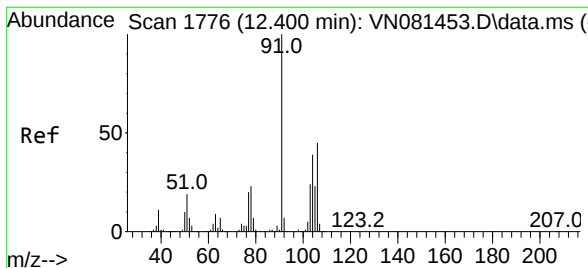
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#68
m/p-Xylenes
Concen: 38.244 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion:106 Resp: 312266
Ion Ratio Lower Upper
106 100
91 203.8 169.0 253.6





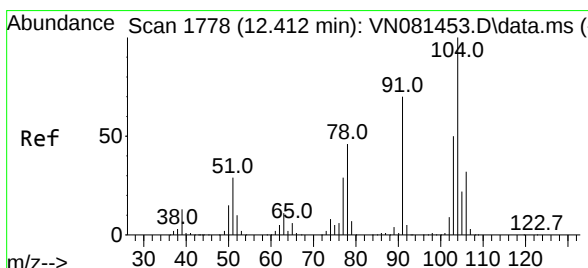
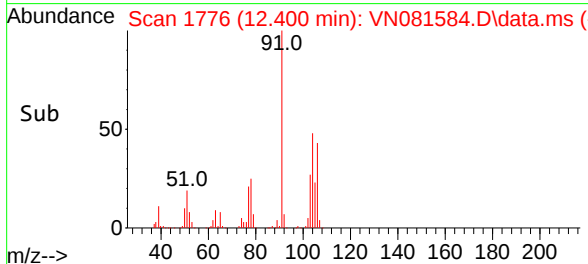
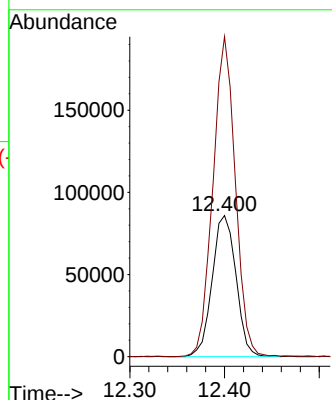
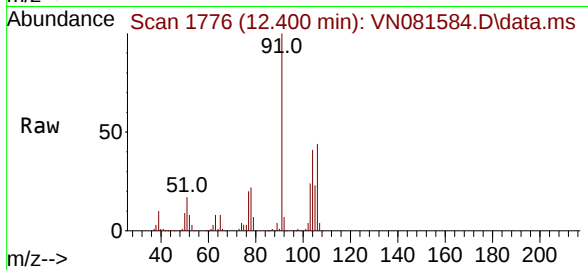
#69
o-Xylene
Concen: 18.729 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:106 Resp: 150128
Ion Ratio Lower Upper
106 100
91 213.8 112.1 336.3

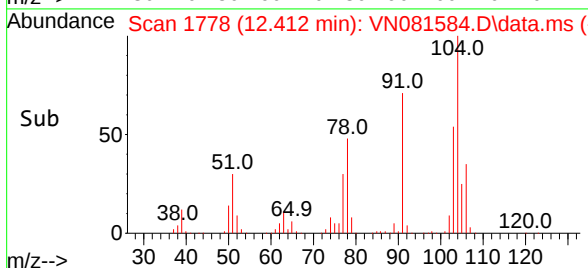
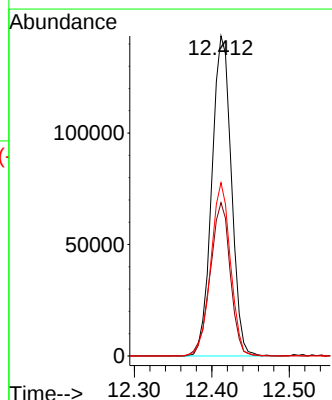
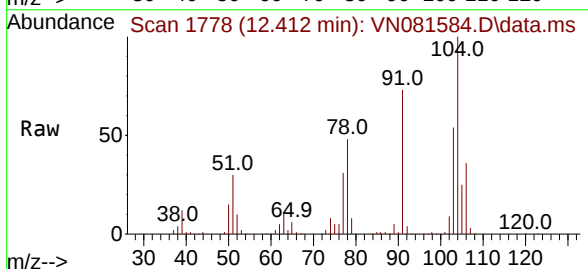
Manual Integrations
APPROVED

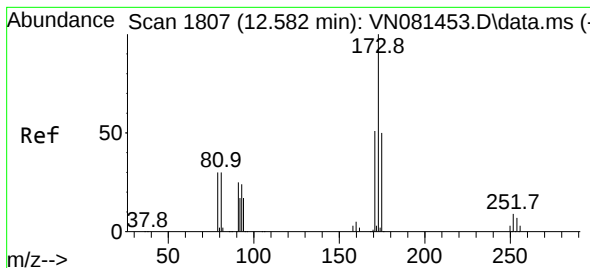
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#70
Styrene
Concen: 19.457 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion:104 Resp: 251546
Ion Ratio Lower Upper
104 100
78 49.1 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 18.606 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

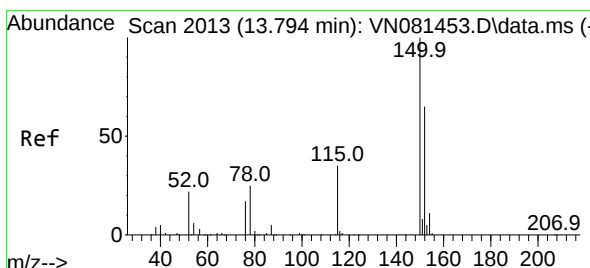
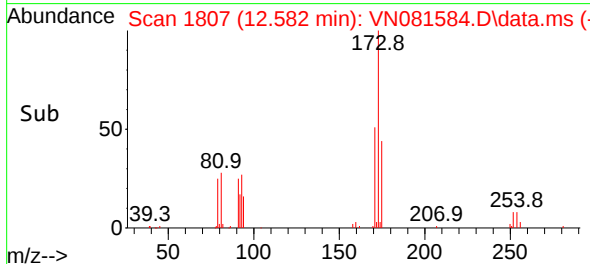
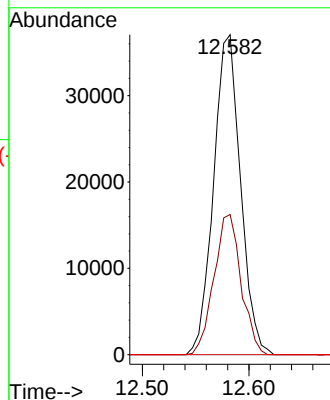
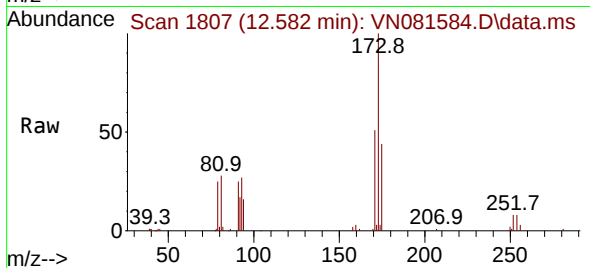
Tgt Ion:173 Resp: 64974
 Ion Ratio Lower Upper
 173 100
 175 44.1 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

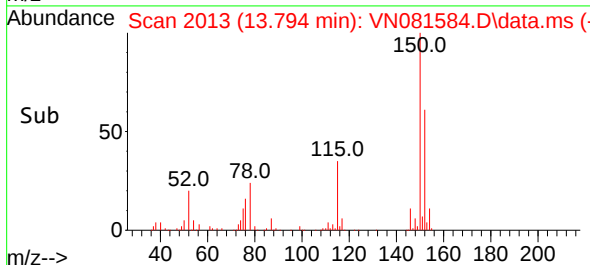
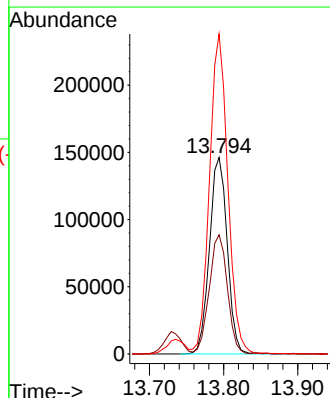
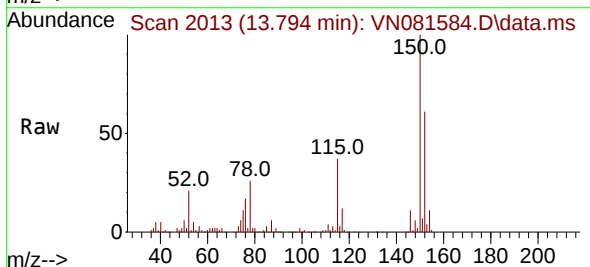
RT: 13.794 min Scan# 2013

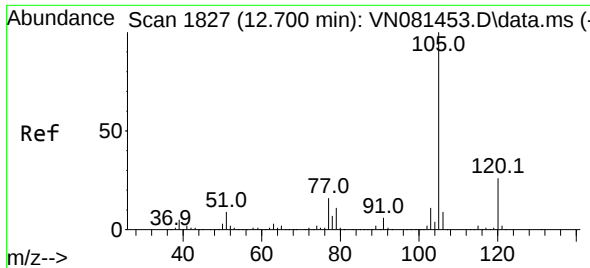
Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

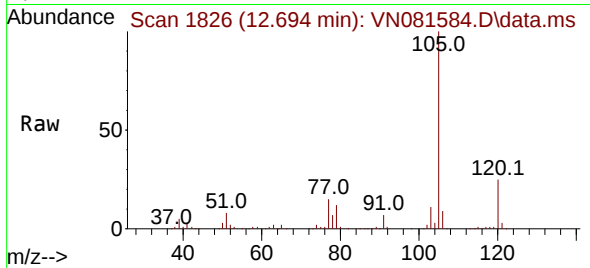
Tgt Ion:152 Resp: 243697
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 168.0 0.0 339.8





#73
Isopropylbenzene
Concen: 19.040 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

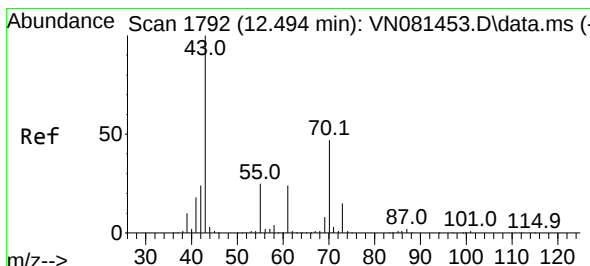
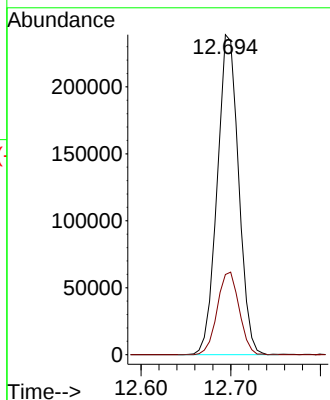
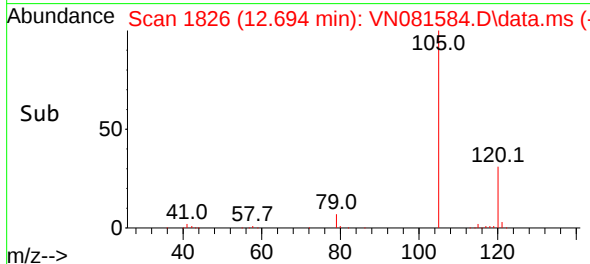
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



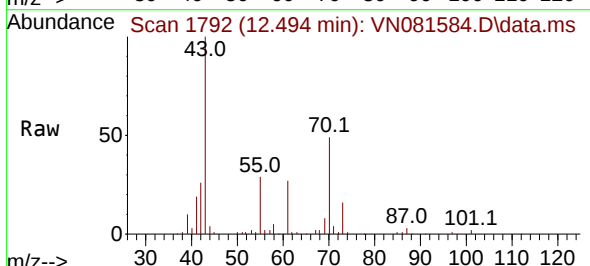
Tgt Ion:105 Resp: 395517
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

Manual Integrations
APPROVED

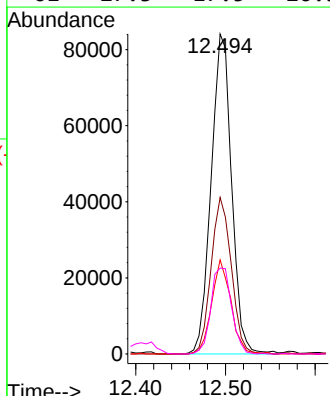
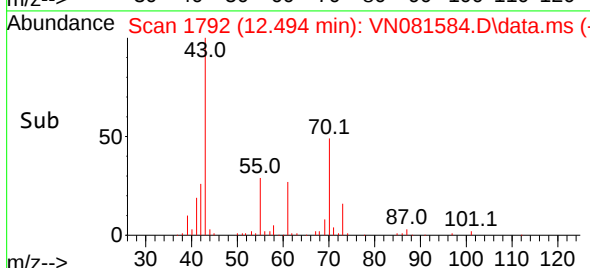
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

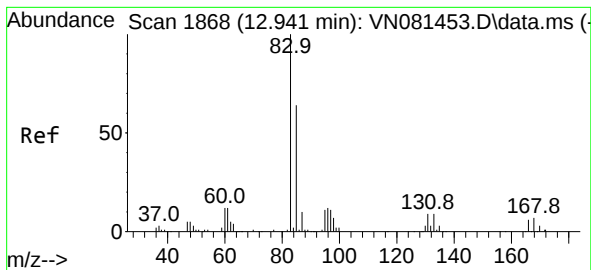


#74
N-ethyl acetate
Concen: 17.741 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



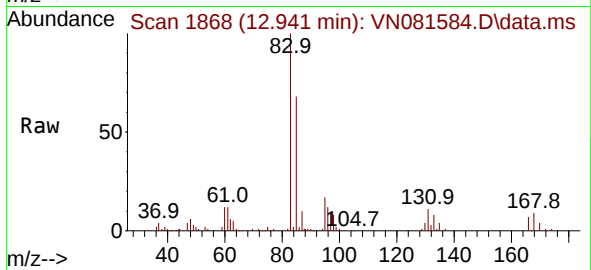
Tgt Ion: 43 Resp: 133369
Ion Ratio Lower Upper
43 100
70 48.3 30.1 45.1#
55 27.7 17.0 25.4#
61 27.3 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.001 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

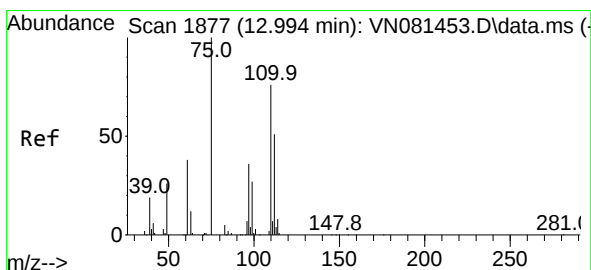
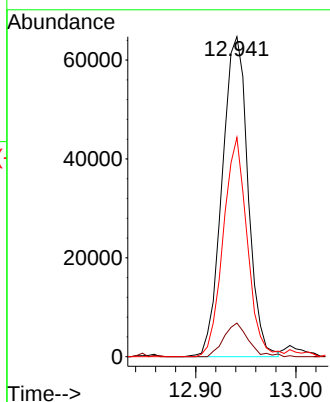
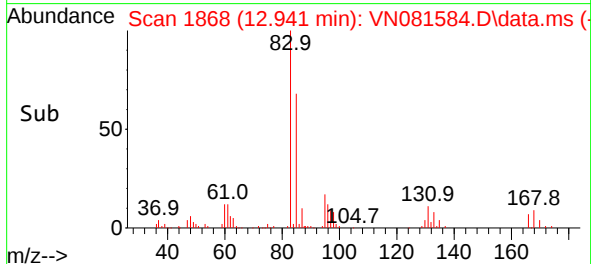
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 83 Resp: 116052
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 63.7 32.1 96.3

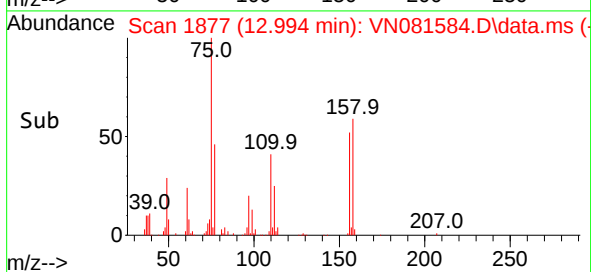
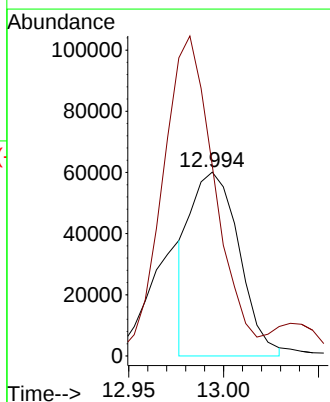
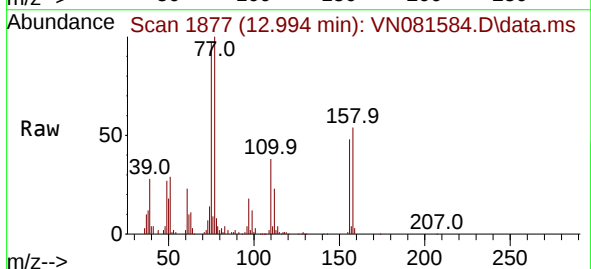
Manual Integrations
APPROVED

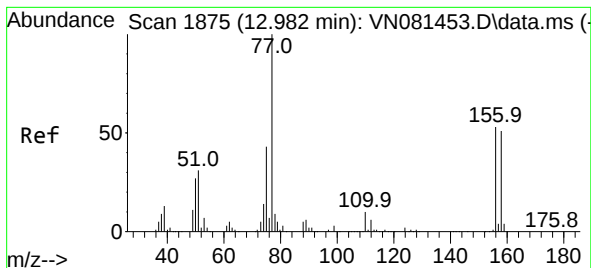
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#76
1,2,3-Trichloropropane
Concen: 18.373 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Tgt Ion: 75 Resp: 107101
Ion Ratio Lower Upper
75 100
77 187.7 91.0 272.8





#77

Bromobenzene

Concen: 18.464 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

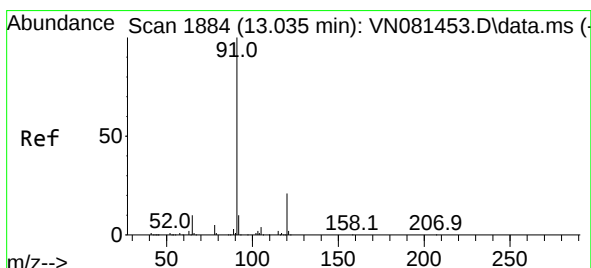
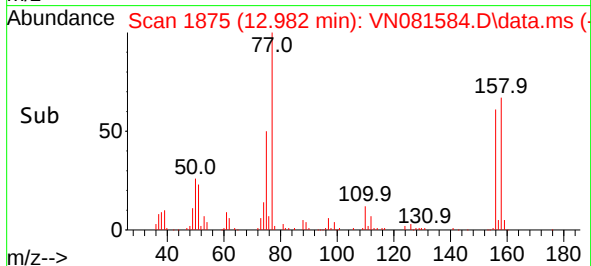
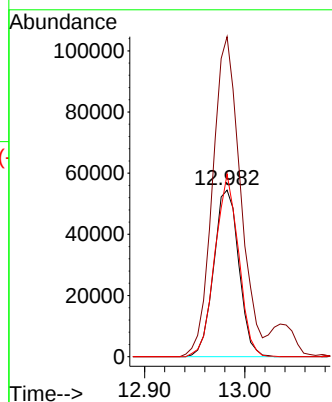
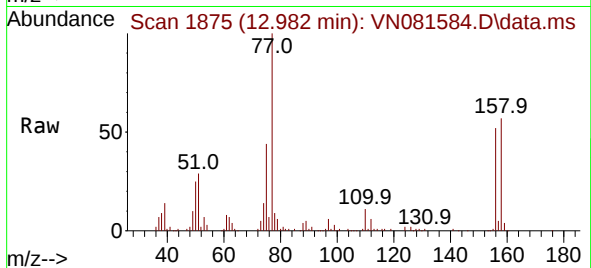
Tgt Ion:	156	Resp:	9474
Ion Ratio	Lower	Upper	
156	100		
77	212.1	138.1	414.3
158	103.5	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#78

n-propylbenzene

Concen: 19.107 ug/l

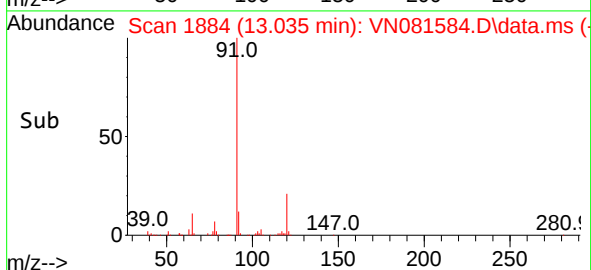
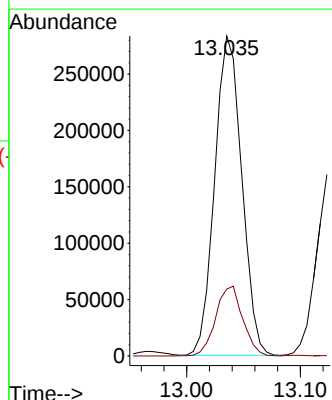
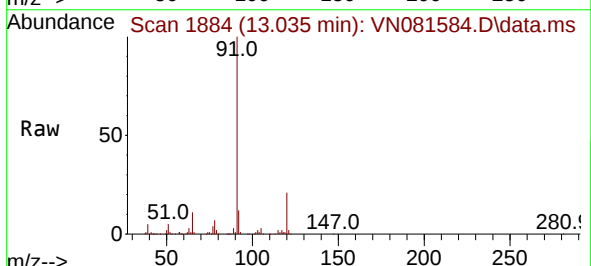
RT: 13.035 min Scan# 1884

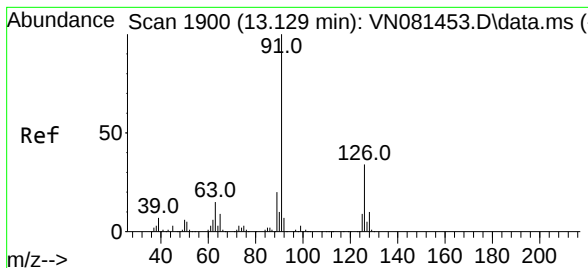
Delta R.T. 0.000 min

Lab File: VN081584.D

Acq: 27 Mar 2024 14:45

Tgt Ion:	91	Resp:	468726
Ion Ratio	Lower	Upper	
91	100		
120	21.8	10.3	30.9





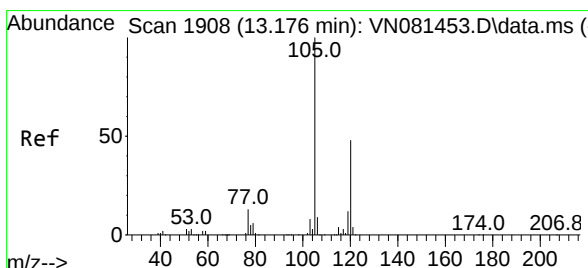
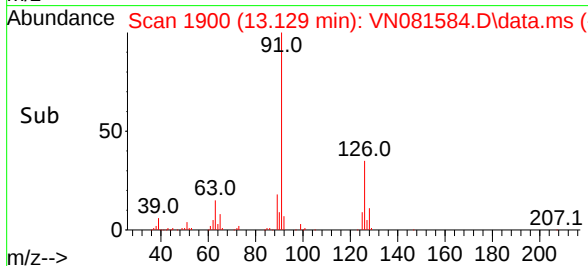
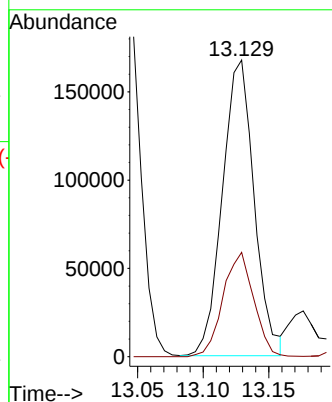
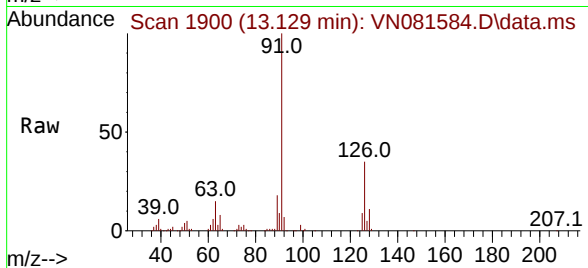
#79
2-Chlorotoluene
Concen: 19.270 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 91 Resp: 282938
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4

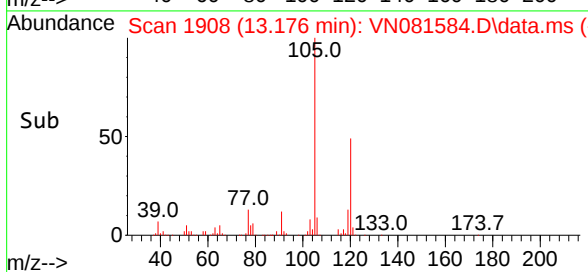
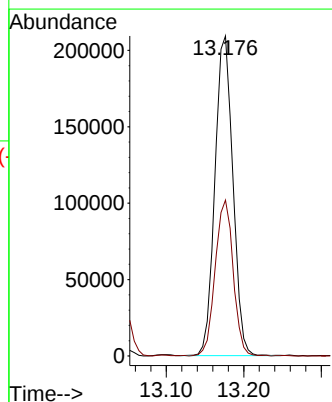
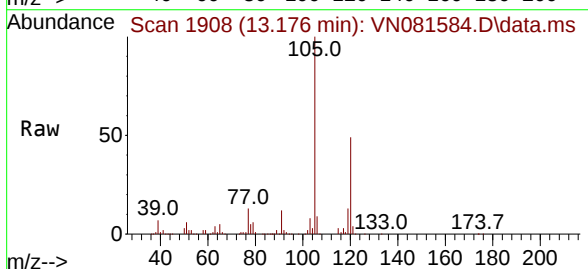
Manual Integrations
APPROVED

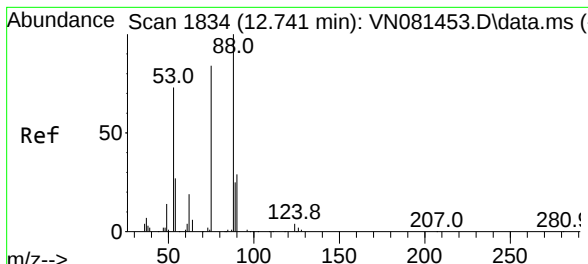
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.590 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

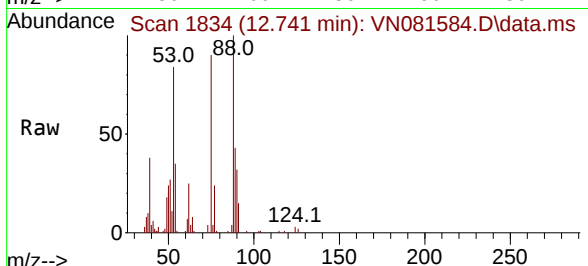
Tgt Ion:105 Resp: 336121
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.896 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

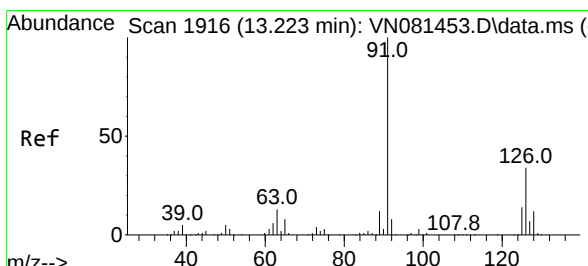
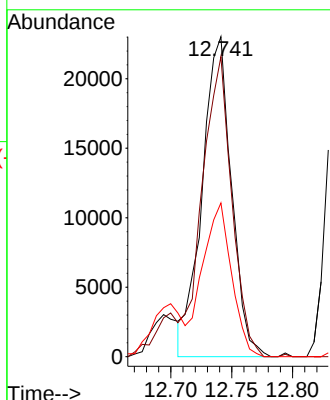
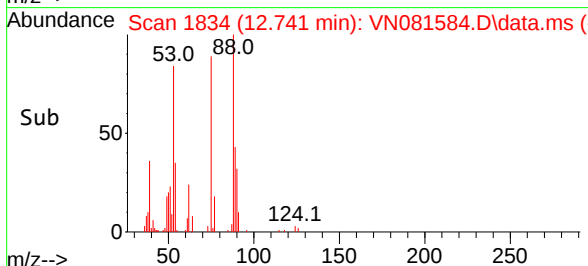
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 75 Resp: 3860
Ion Ratio Lower Upper
75 100
53 105.6 71.4 107.2
89 47.5 33.4 50.0

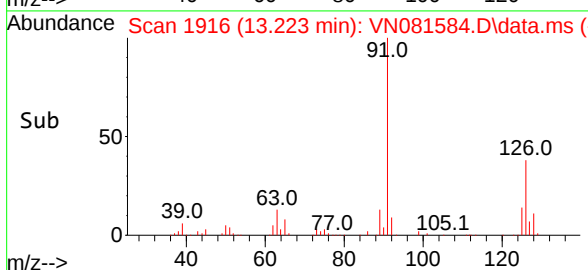
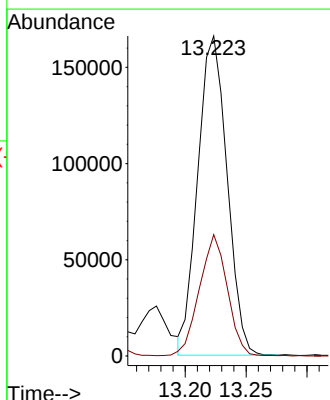
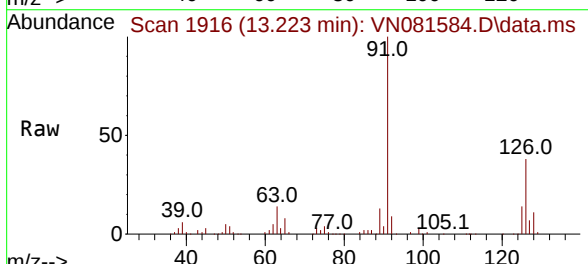
Manual Integrations
APPROVED

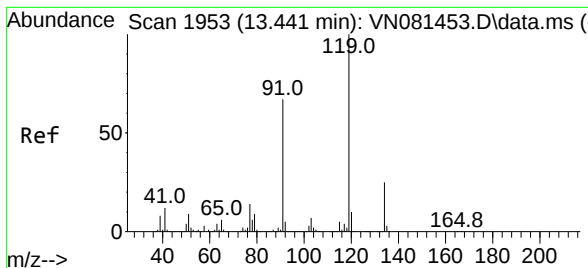
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#82
4-Chlorotoluene
Concen: 19.152 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

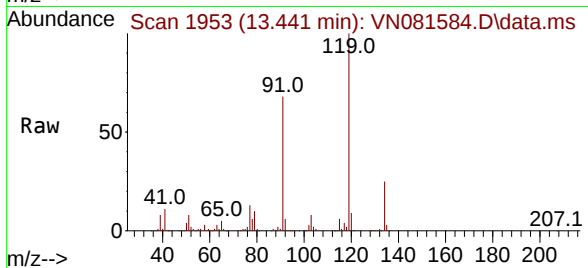
Tgt Ion: 91 Resp: 277240
Ion Ratio Lower Upper
91 100
126 36.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.777 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

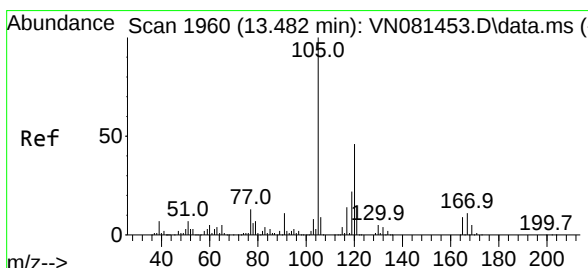
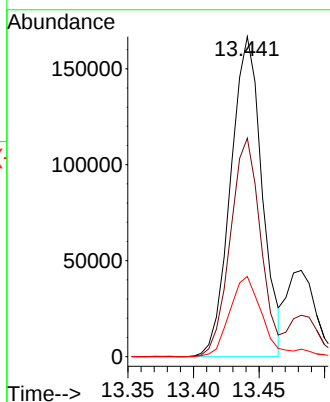
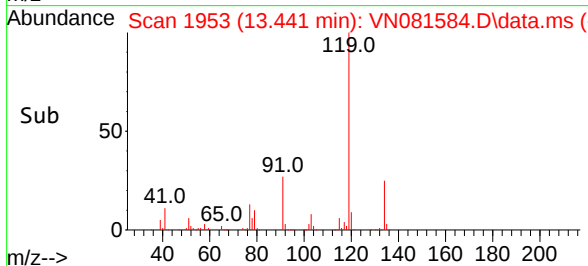
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



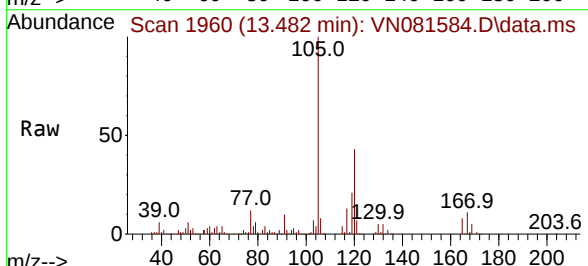
Tgt Ion:119 Resp: 277819
Ion Ratio Lower Upper
119 100
91 65.9 36.8 110.4
134 26.8 12.4 37.4

Manual Integrations
APPROVED

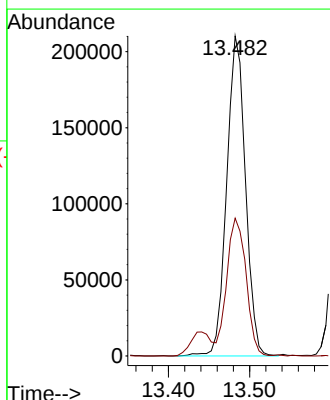
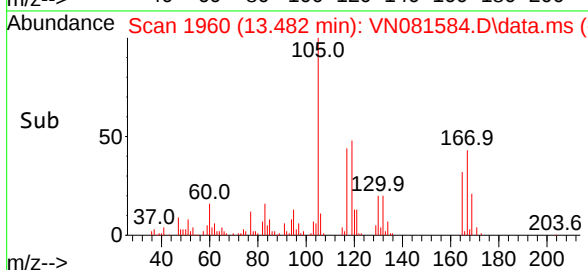
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

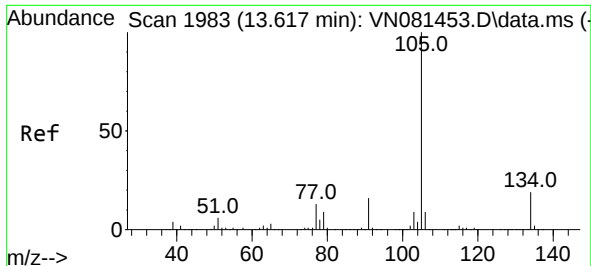


#84
1,2,4-Trimethylbenzene
Concen: 19.582 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



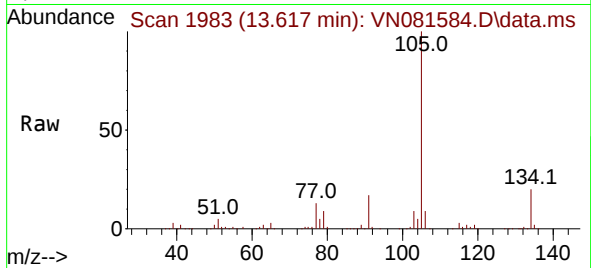
Tgt Ion:105 Resp: 337689
Ion Ratio Lower Upper
105 100
120 43.8 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.111 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081584.D
 Acq: 27 Mar 2024 14:45

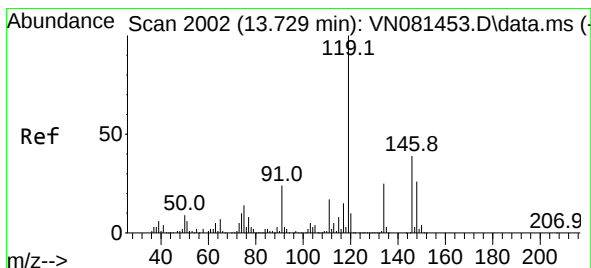
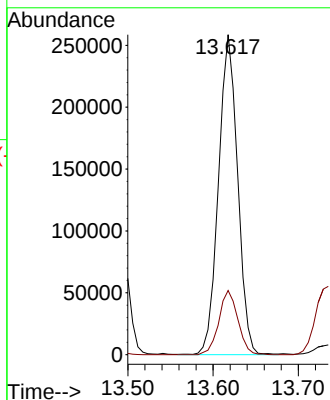
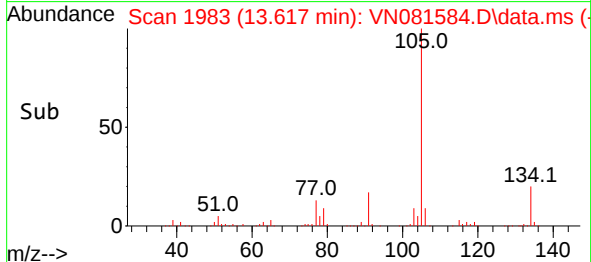
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01



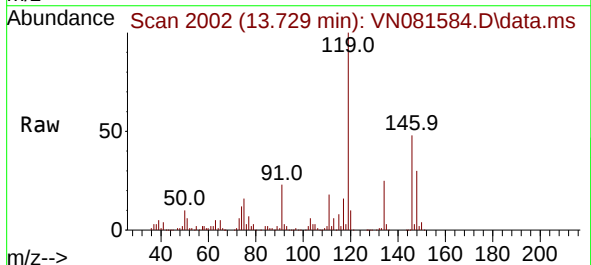
Tgt Ion:105 Resp: 40420
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

Manual Integrations
 APPROVED

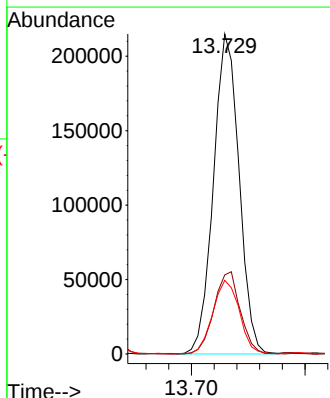
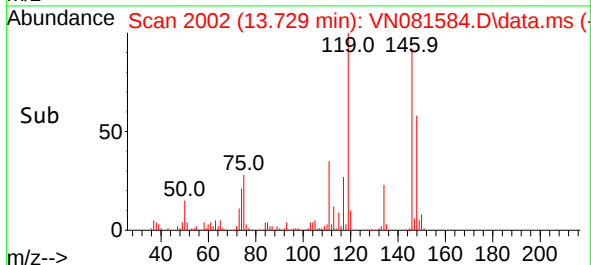
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024

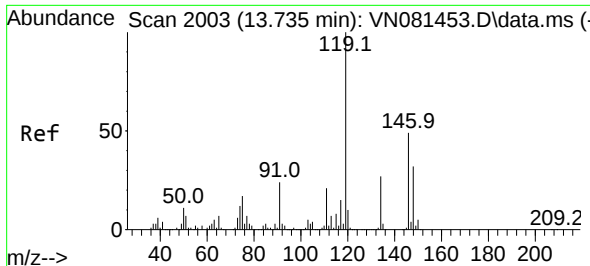


#86
 p-Isopropyltoluene
 Concen: 19.508 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081584.D
 Acq: 27 Mar 2024 14:45



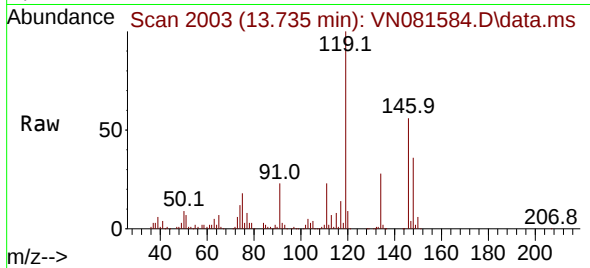
Tgt Ion:119 Resp: 337282
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 23.9 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.482 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

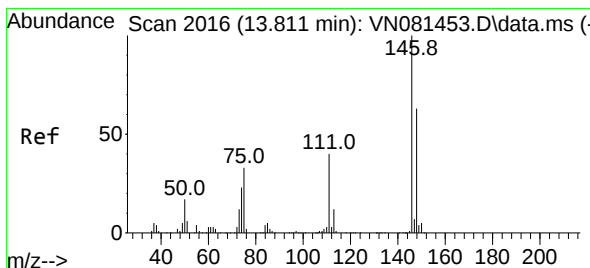
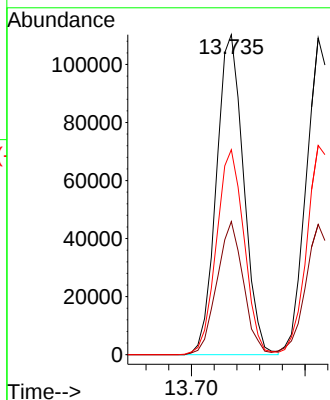
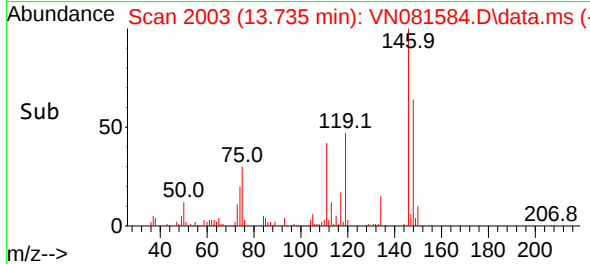
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



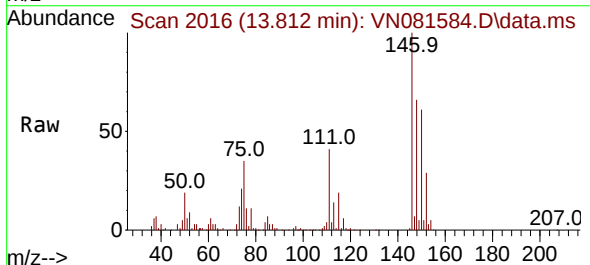
Tgt Ion:146 Resp: 183679
Ion Ratio Lower Upper
146 100
111 40.4 23.9 71.7
148 65.2 32.6 97.7

Manual Integrations
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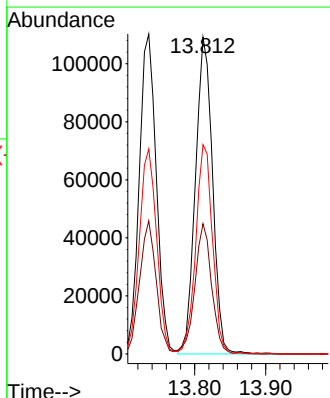
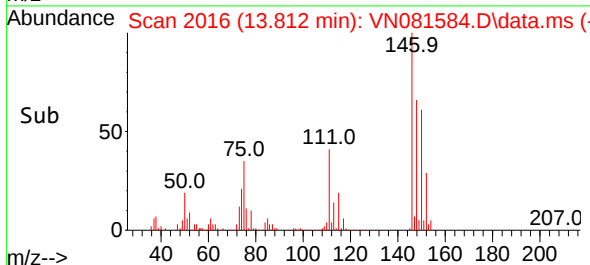
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

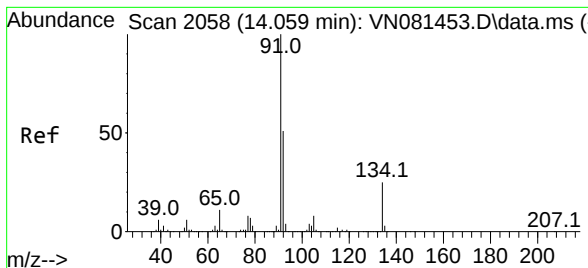


#88
1,4-Dichlorobenzene
Concen: 18.785 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



Tgt Ion:146 Resp: 183386
Ion Ratio Lower Upper
146 100
111 40.6 22.6 67.7
148 64.6 31.9 95.5





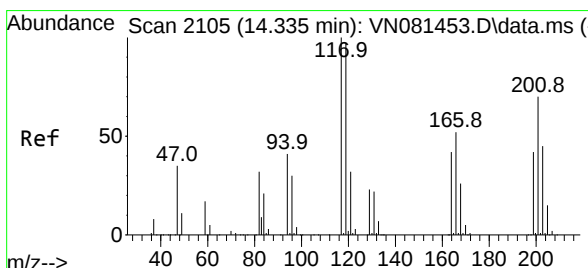
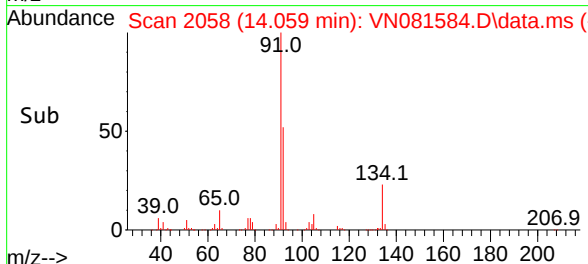
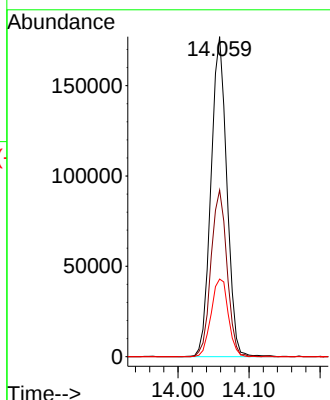
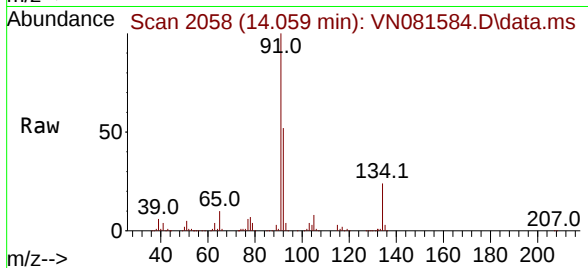
#89
n-Butylbenzene
Concen: 17.902 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 91 Resp: 27445
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 26.2 10.8 32.4

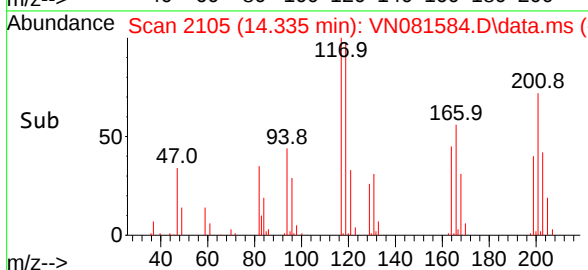
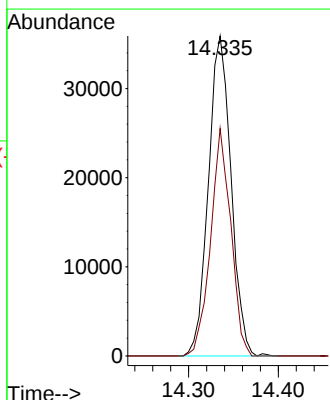
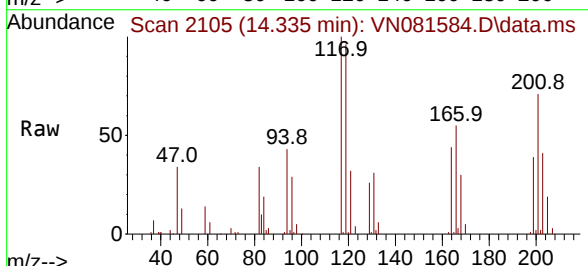
Manual Integrations
APPROVED

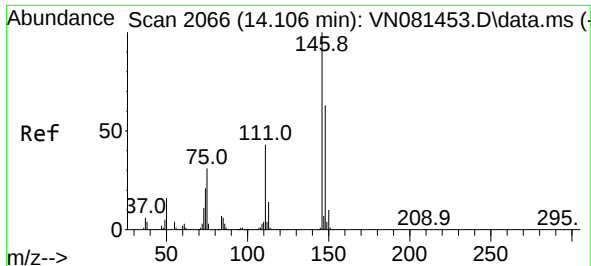
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#90
Hexachloroethane
Concen: 19.227 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

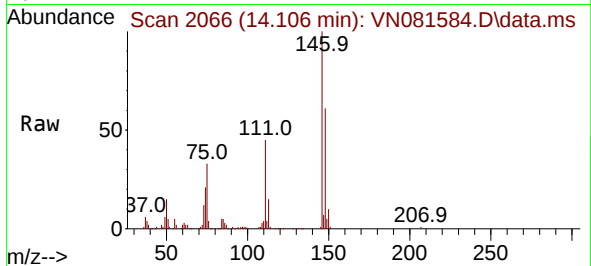
Tgt Ion:117 Resp: 62955
Ion Ratio Lower Upper
117 100
201 63.6 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.537 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

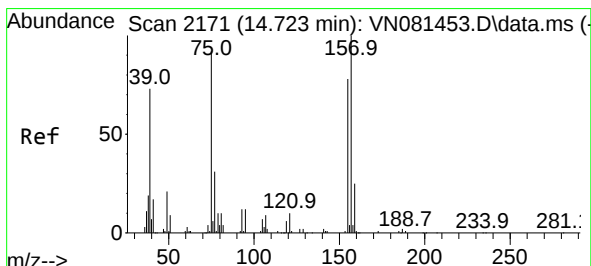
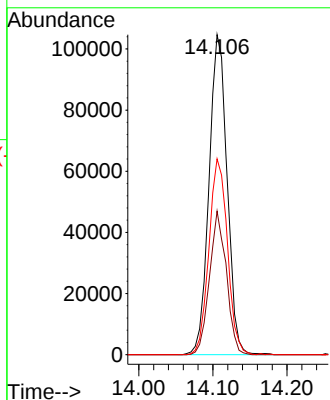
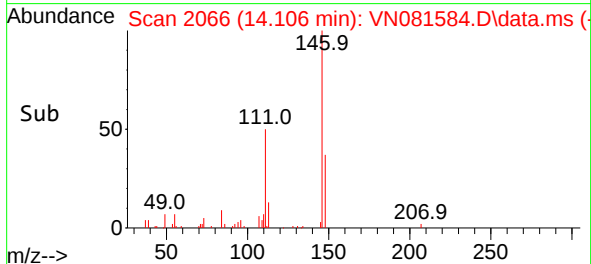
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:146 Resp: 177289
Ion Ratio Lower Upper
146 100
111 41.9 23.9 71.8
148 62.6 31.4 94.0

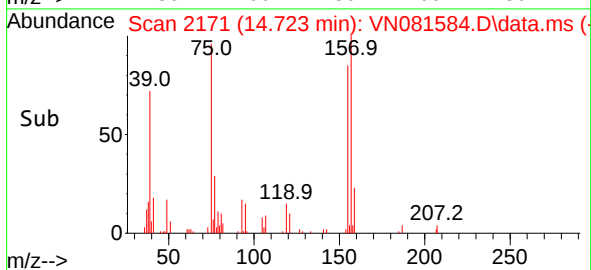
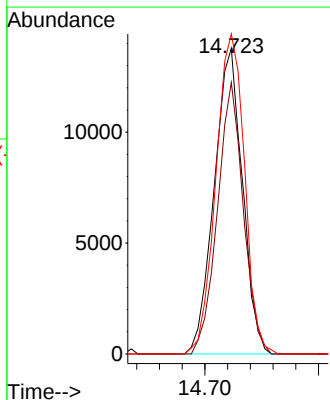
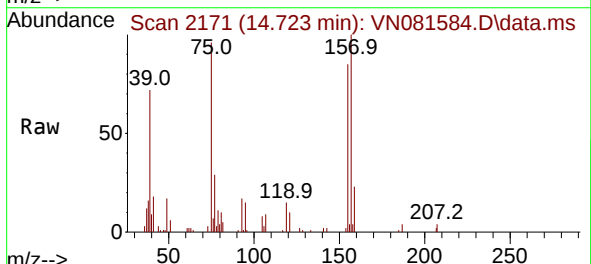
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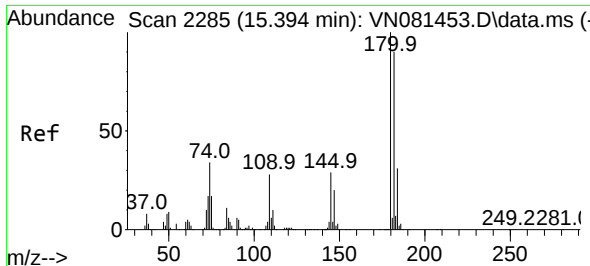
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.270 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

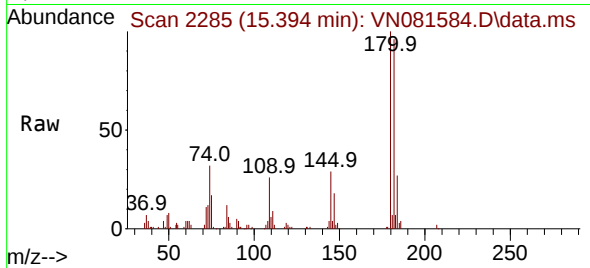
Tgt Ion: 75 Resp: 23748
Ion Ratio Lower Upper
75 100
155 81.6 31.8 95.4
157 106.1 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.017 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

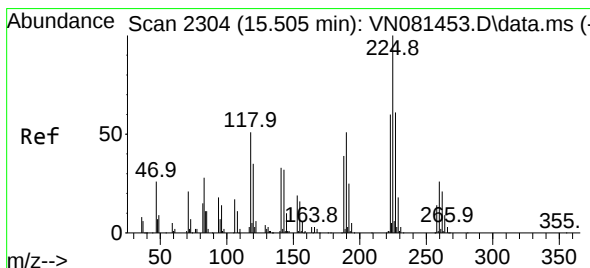
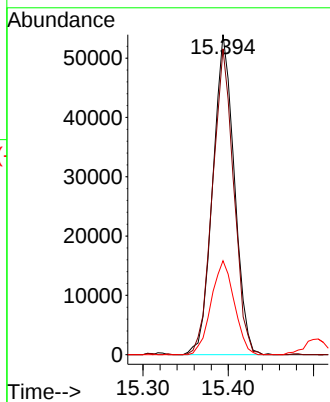
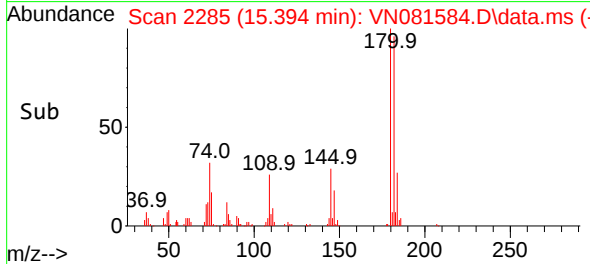
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:180 Resp: 94534
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.7
145 31.5 16.8 50.3

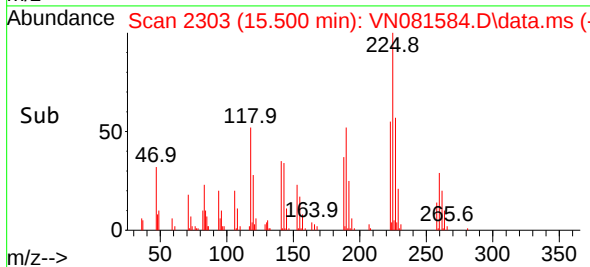
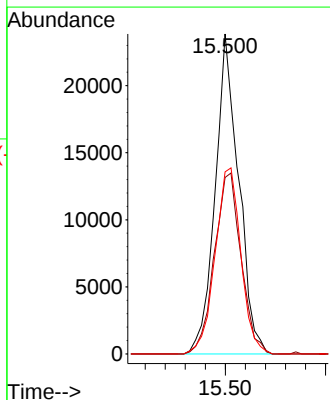
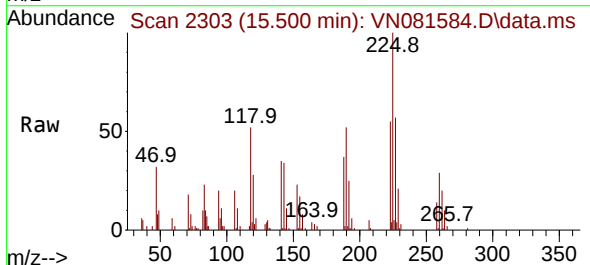
Manual Integrations
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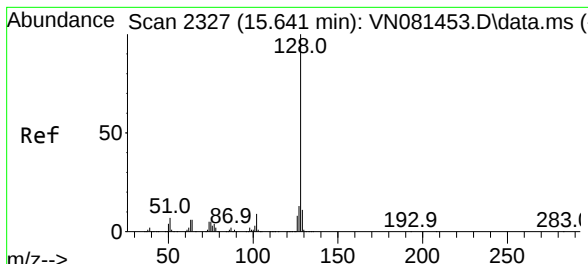
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#94
Hexachlorobutadiene
Concen: 16.826 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

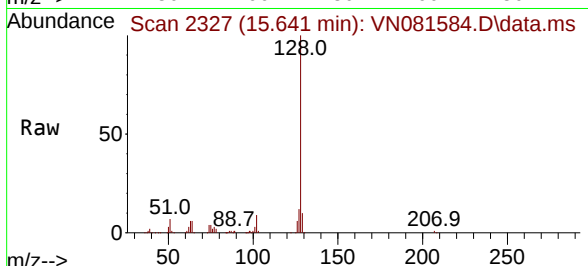
Tgt Ion:225 Resp: 38736
Ion Ratio Lower Upper
225 100
223 64.1 33.3 99.8
227 63.6 33.1 99.2





#95
Naphthalene
Concen: 17.600 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45

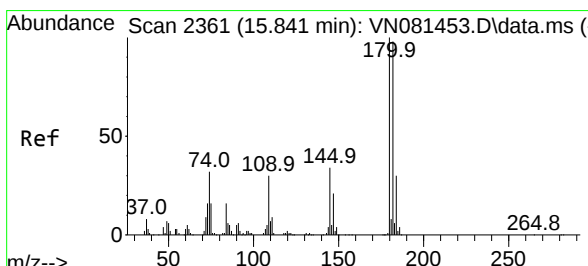
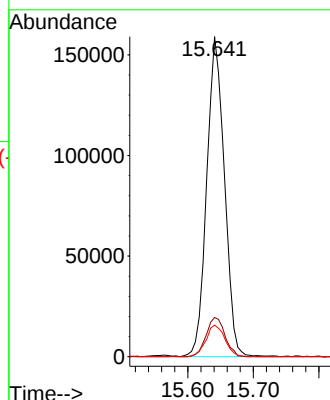
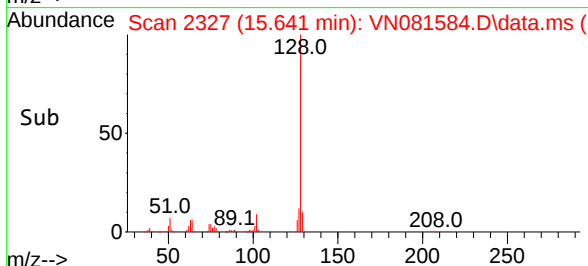
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



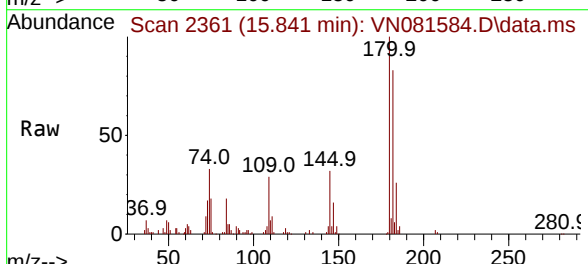
Tgt Ion:128 Resp: 299230
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.030 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081584.D
Acq: 27 Mar 2024 14:45



Tgt Ion:180 Resp: 95156
Ion Ratio Lower Upper
180 100
182 93.5 46.5 139.3
145 33.3 17.8 53.4

