

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081599.D
 Acq On : 28 Mar 2024 12:08
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 02:45:10 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	320661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	559071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	512805	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222778	54.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.960%			
35) Dibromofluoromethane	8.171	113	195892	55.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	10.571	98	682382	53.502	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.847	95	239430	53.276	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	71013	16.447	ug/l	96
3) Chloromethane	2.359	50	73557	17.111	ug/l	97
4) Vinyl Chloride	2.518	62	83465	17.300	ug/l	93
5) Bromomethane	2.959	94	66071	19.365	ug/l	97
6) Chloroethane	3.124	64	60531	18.273	ug/l	98
7) Trichlorofluoromethane	3.500	101	134762	18.742	ug/l	96
8) Diethyl Ether	3.953	74	45064	18.938	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	76878	18.817	ug/l	90
10) Methyl Iodide	4.594	142	75429	18.540	ug/l	93
11) Tert butyl alcohol	5.518	59	63840	89.584	ug/l	99
12) 1,1-Dichloroethene	4.347	96	67168	17.749	ug/l	# 75
13) Acrolein	4.183	56	52232	81.681	ug/l	97
14) Allyl chloride	5.018	41	85783	18.090	ug/l	# 92
15) Acrylonitrile	5.724	53	180032	94.432	ug/l	96
16) Acetone	4.430	43	121890	92.232	ug/l	97
17) Carbon Disulfide	4.718	76	168113	15.480	ug/l	99
18) Methyl Acetate	5.018	43	89430	21.950	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	230853	19.492	ug/l	94
20) Methylene Chloride	5.277	84	83836	19.366	ug/l	# 84
21) trans-1,2-Dichloroethene	5.783	96	77049	18.260	ug/l	88
22) Diisopropyl ether	6.665	45	223531	20.288	ug/l	# 92
23) Vinyl Acetate	6.606	43	829650	94.599	ug/l	# 92
24) 1,1-Dichloroethane	6.565	63	140875	19.089	ug/l	# 93
25) 2-Butanone	7.483	43	213303	94.101	ug/l	# 83
26) 2,2-Dichloropropane	7.488	77	128123	20.017	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	92131	19.298	ug/l	84
28) Bromochloromethane	7.812	49	66221	22.031	ug/l	# 52
29) Tetrahydrofuran	7.841	42	137840	90.267	ug/l	# 76
30) Chloroform	7.965	83	159265	20.160	ug/l	98
31) Cyclohexane	8.259	56	114561	17.216	ug/l	# 72
32) 1,1,1-Trichloroethane	8.171	97	143121	19.968	ug/l	# 87
36) 1,1-Dichloropropene	8.371	75	105860	17.828	ug/l	96
37) Ethyl Acetate	7.559	43	87987	17.305	ug/l	# 94
38) Carbon Tetrachloride	8.365	117	123189	18.939	ug/l	97
39) Methylcyclohexane	9.600	83	112139	16.912	ug/l	# 86
40) Benzene	8.612	78	329583	18.986	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49615	18.452	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	116100	19.004	ug/l	97
43) Isopropyl Acetate	8.688	43	167544	19.879	ug/l #	96
44) Trichloroethene	9.353	130	90668	18.571	ug/l	92
45) 1,2-Dichloropropane	9.624	63	82719	19.662	ug/l	95
46) Dibromomethane	9.712	93	62526	19.570	ug/l #	87
47) Bromodichloromethane	9.888	83	127554	20.420	ug/l #	92
48) Methyl methacrylate	9.677	41	71416	18.371	ug/l #	83
49) 1,4-Dioxane	9.694	88	33996	363.908	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	477561	92.861	ug/l	91
52) Toluene	10.629	92	212598	19.268	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	127867	18.957	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	137630	19.031	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	89820	20.228	ug/l	95
56) Ethyl methacrylate	10.876	69	112624	18.566	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	145680	20.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	313801	112.313	ug/l #	84
59) 2-Hexanone	11.200	43	346043	91.010	ug/l	91
60) Dibromochloromethane	11.359	129	96930	19.849	ug/l	97
61) 1,2-Dibromoethane	11.470	107	88773	19.610	ug/l	99
64) Tetrachloroethene	11.106	164	91732	18.714	ug/l	91
65) Chlorobenzene	11.894	112	226246	18.663	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	89505	19.921	ug/l	98
67) Ethyl Benzene	11.965	91	382234	18.151	ug/l	97
68) m/p-Xylenes	12.070	106	306407	38.814	ug/l	91
69) o-Xylene	12.400	106	146588	18.914	ug/l	94
70) Styrene	12.412	104	240880	19.271	ug/l	96
71) Bromoform	12.582	173	62682	18.565	ug/l #	93
73) Isopropylbenzene	12.694	105	376655	17.910	ug/l	96
74) N-amyl acetate	12.494	43	129291	16.988	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	116326	18.813	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104986m	17.790	ug/l	
77) Bromobenzene	12.982	156	94221	18.137	ug/l	72
78) n-propylbenzene	13.035	91	445581	17.941	ug/l	95
79) 2-Chlorotoluene	13.129	91	274940	18.497	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	326573	18.801	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	37876	17.344	ug/l	92
82) 4-Chlorotoluene	13.223	91	274720	18.746	ug/l	94
83) tert-Butylbenzene	13.441	119	273245	18.242	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	325430	18.641	ug/l	95
85) sec-Butylbenzene	13.617	105	393150	18.361	ug/l	93
86) p-Isopropyltoluene	13.729	119	325546	18.599	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	183422	19.217	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	179951	18.208	ug/l	98
89) n-Butylbenzene	14.059	91	273872	17.645	ug/l	96
90) Hexachloroethane	14.335	117	60713	18.315	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	174026	18.943	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24427	18.563	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	89702	16.887	ug/l	97
94) Hexachlorobutadiene	15.506	225	40039	17.179	ug/l	97
95) Naphthalene	15.641	128	294064	17.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93828	17.561	ug/l	99

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ClientSampleId :
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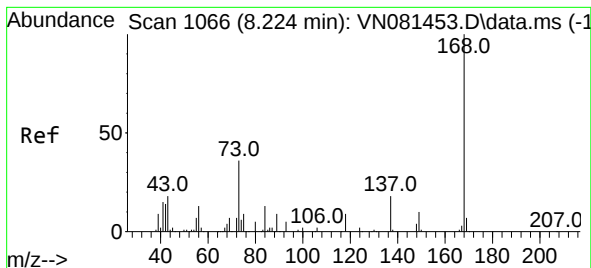
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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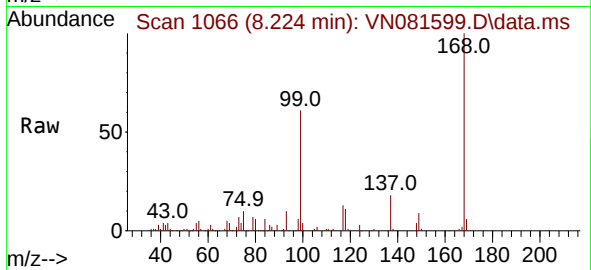
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081599.D
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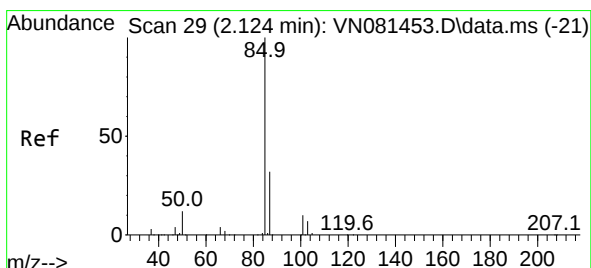
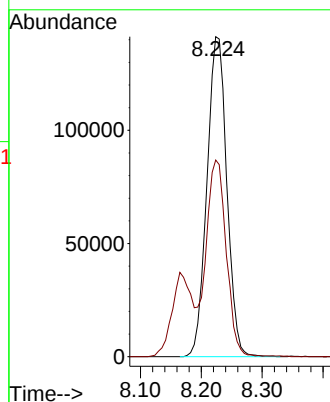
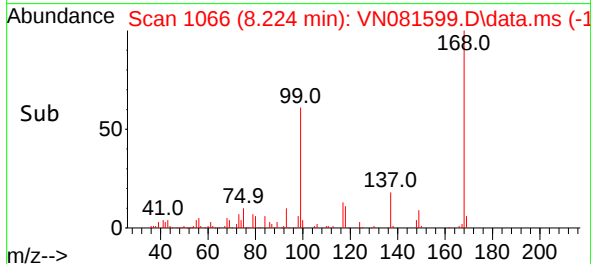
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:168 Resp: 32066
Ion Ratio Lower Upper
168 100
99 61.2 59.9 89.9

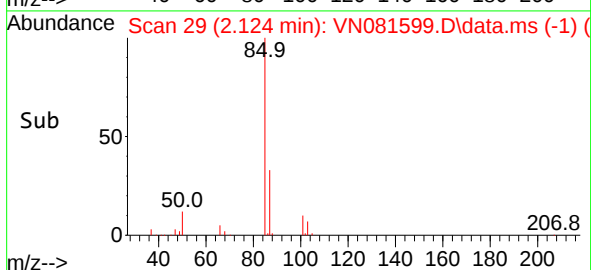
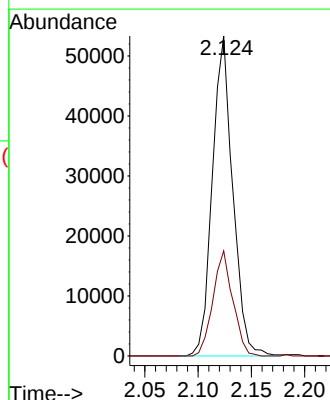
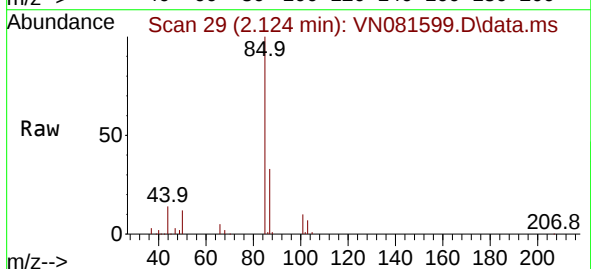
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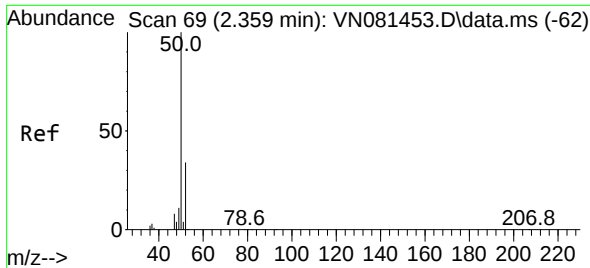
Reviewed By :John Carlone 03/29/2024
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#2
Dichlorodifluoromethane
Concen: 16.447 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

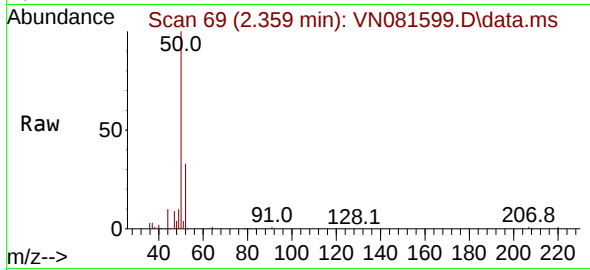
Tgt Ion: 85 Resp: 71013
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





#3
Chloromethane
Concen: 17.111 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

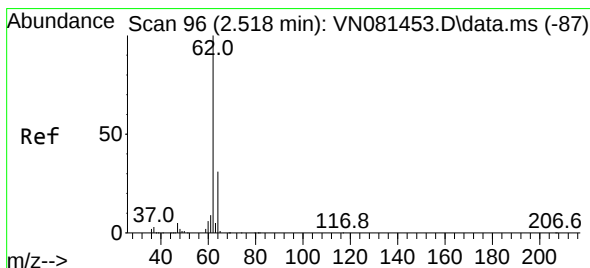
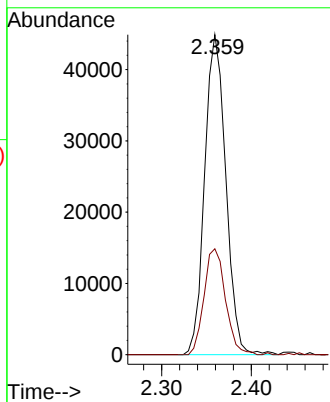
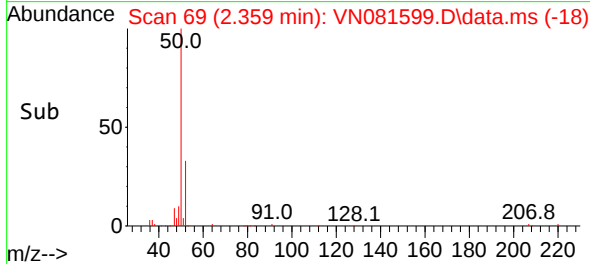
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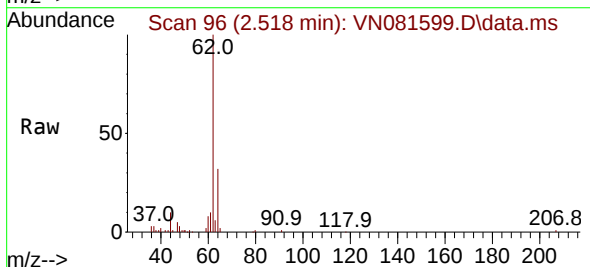
Tgt Ion: 50 Resp: 7355
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

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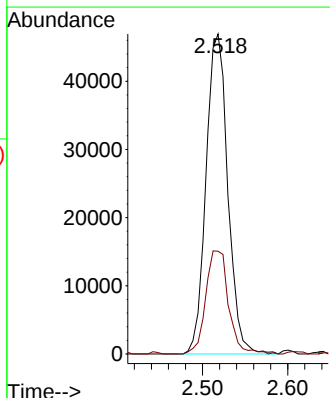
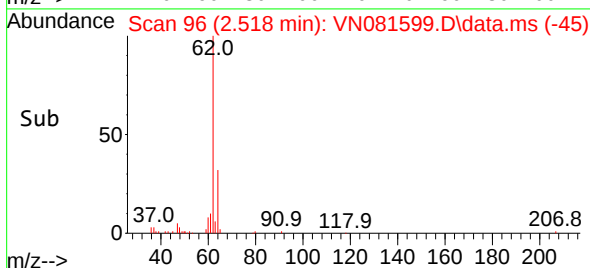
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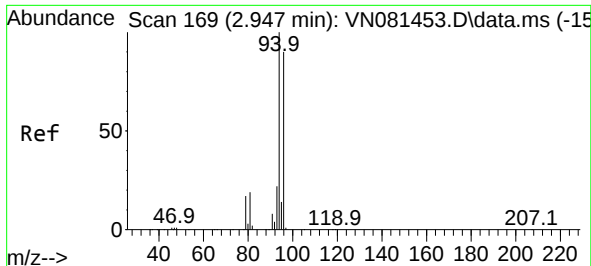


#4
Vinyl Chloride
Concen: 17.300 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



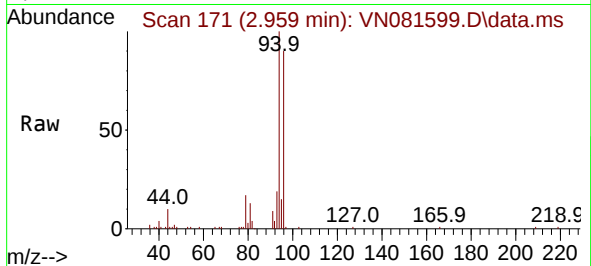
Tgt Ion: 62 Resp: 83465
Ion Ratio Lower Upper
62 100
64 32.1 22.7 34.1





#5
Bromomethane
Concen: 19.365 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

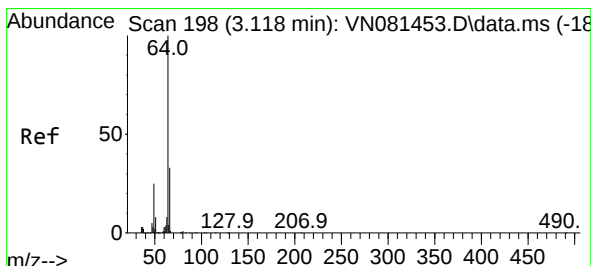
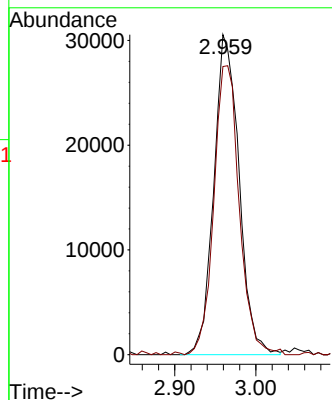
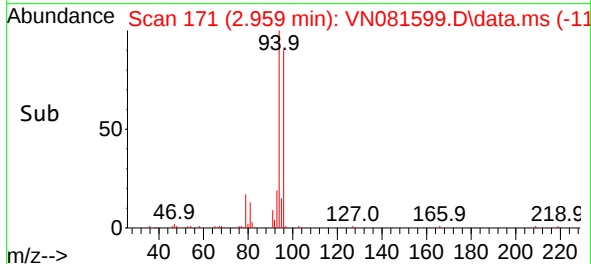
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Tgt Ion: 94 Resp: 6607
Ion Ratio Lower Upper
94 100
96 89.6 69.2 103.8

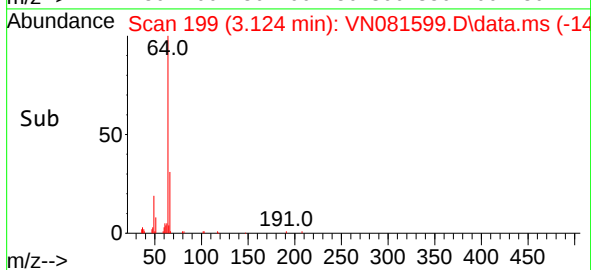
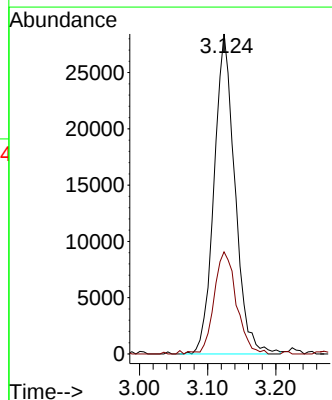
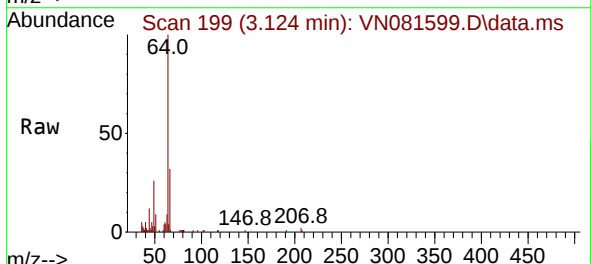
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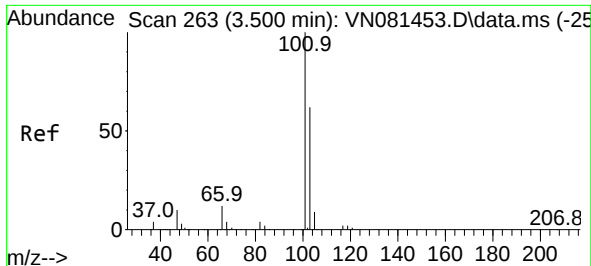
Reviewed By :John Carlone 03/29/2024
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#6
Chloroethane
Concen: 18.273 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 64 Resp: 60531
Ion Ratio Lower Upper
64 100
66 31.9 26.4 39.6





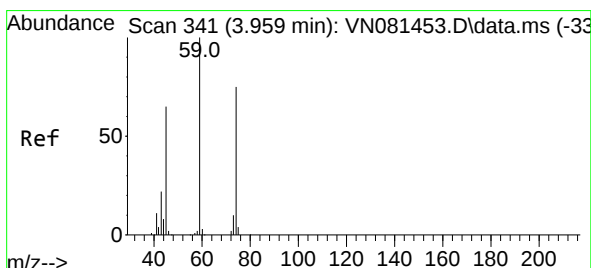
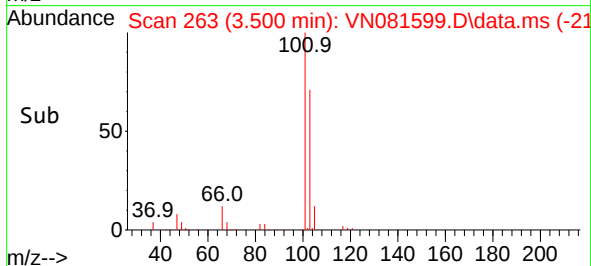
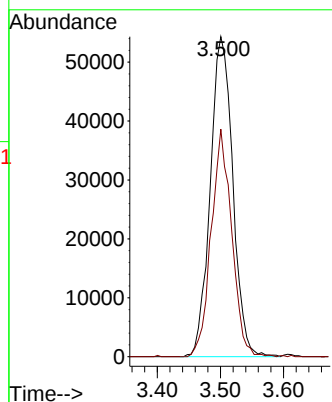
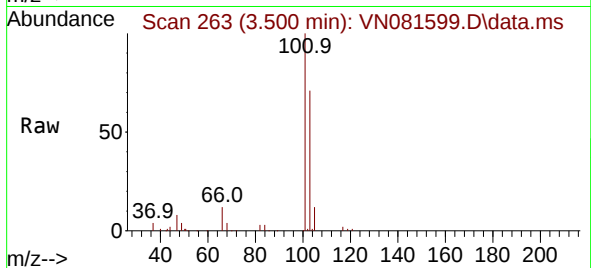
#7
Trichlorofluoromethane
Concen: 18.742 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
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Tgt Ion:101 Resp: 134762
Ion Ratio Lower Upper
101 100
103 71.1 54.4 81.6

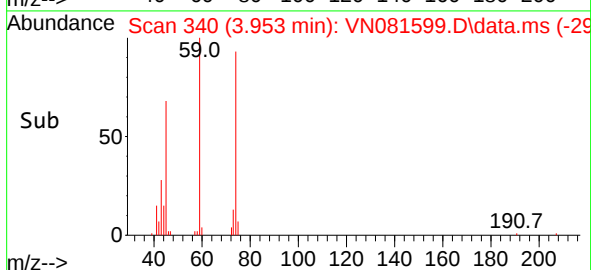
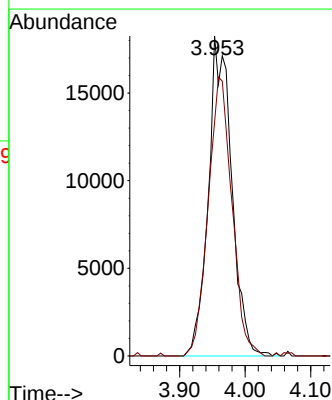
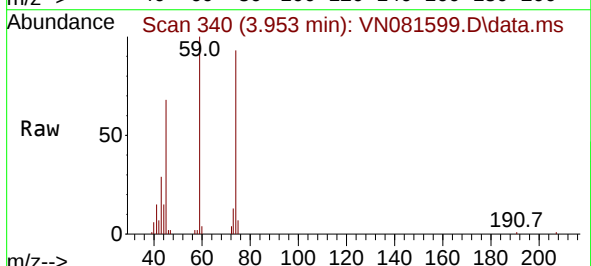
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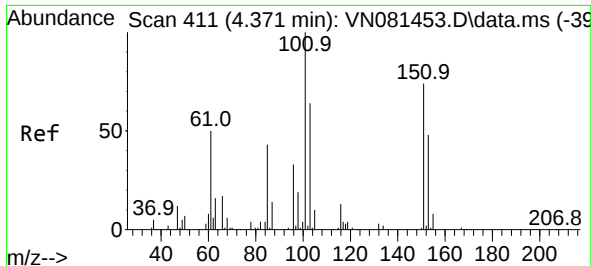
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#8
Diethyl Ether
Concen: 18.938 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 74 Resp: 45064
Ion Ratio Lower Upper
74 100
45 89.0 53.3 159.9





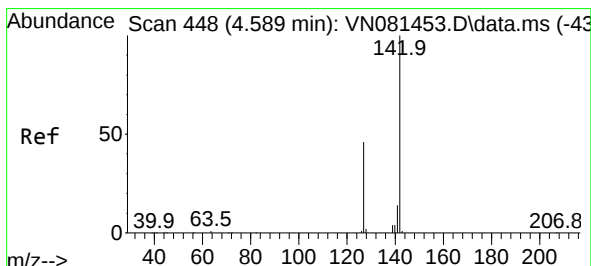
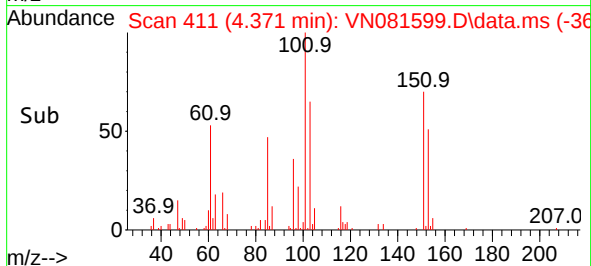
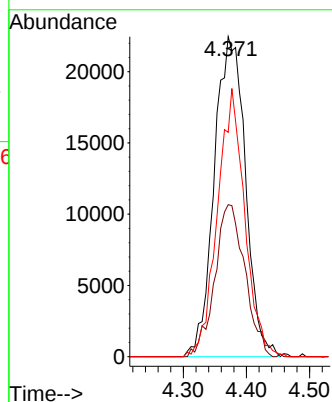
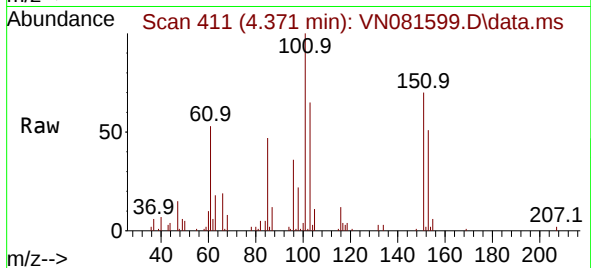
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.817 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:101 Resp: 76878
Ion Ratio Lower Upper
101 100
85 46.0 38.1 57.1
151 73.5 49.1 73.7

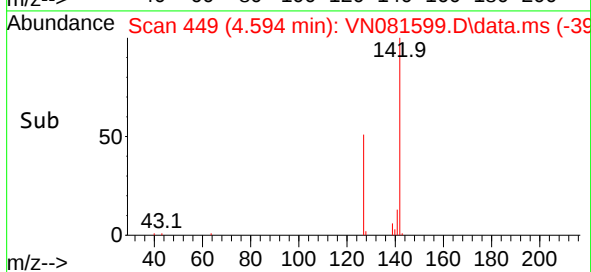
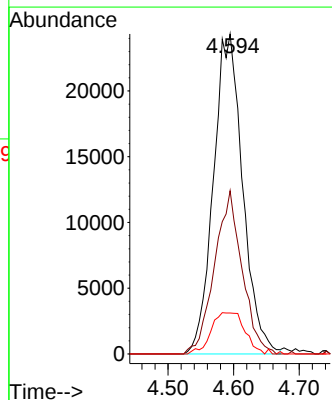
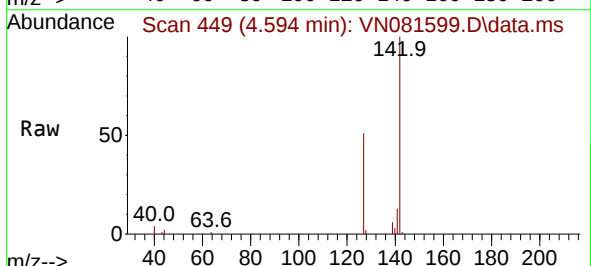
Manual Integrations
APPROVED

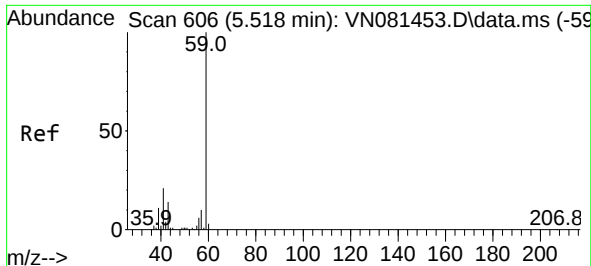
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
Methyl Iodide
Concen: 18.540 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

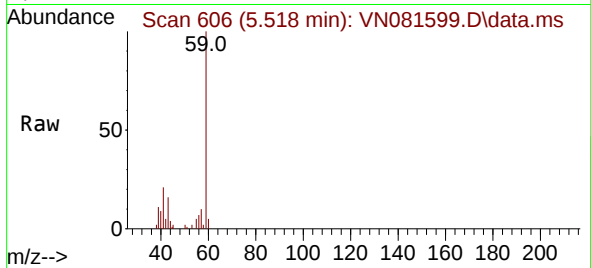
Tgt Ion:142 Resp: 75429
Ion Ratio Lower Upper
142 100
127 51.0 37.0 55.4
141 12.8 12.5 18.7





#11
Tert butyl alcohol
Concen: 89.584 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

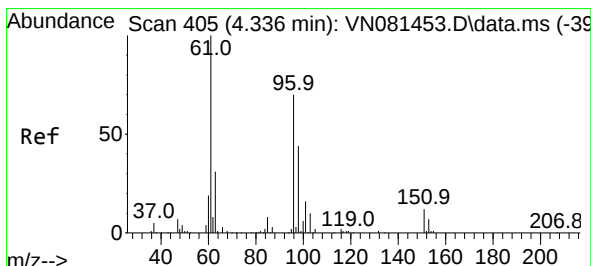
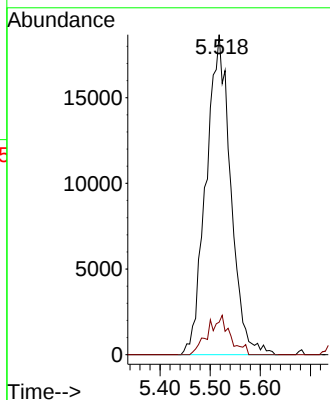
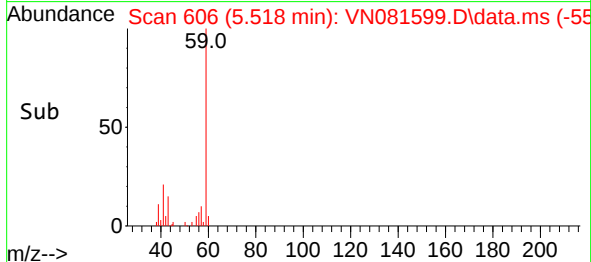
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



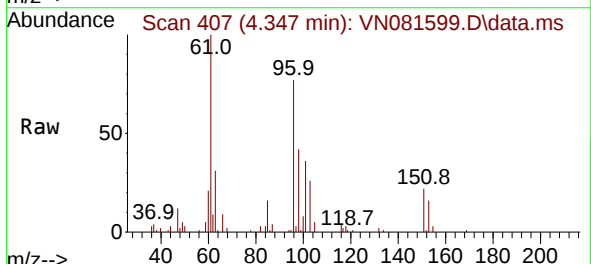
Tgt Ion: 59 Resp: 63840
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

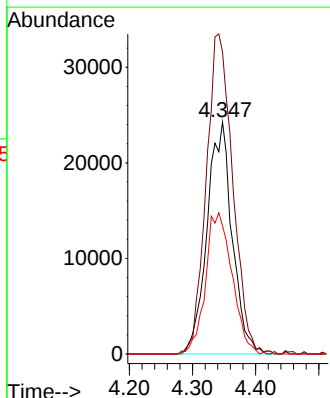
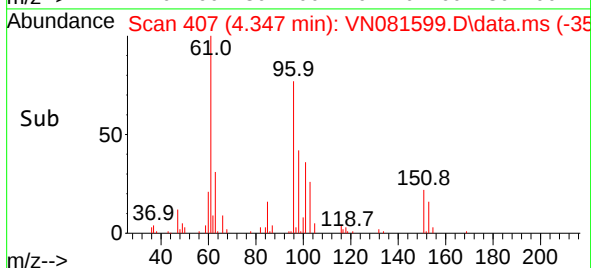
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

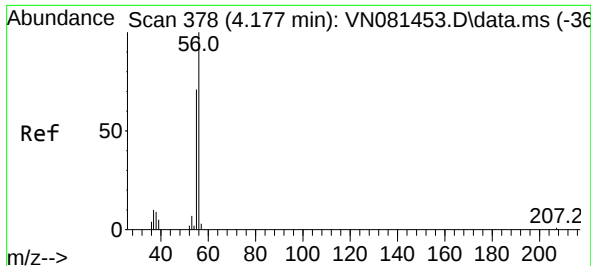


#12
1,1-Dichloroethene
Concen: 17.749 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion: 96 Resp: 67168
Ion Ratio Lower Upper
96 100
61 130.1 138.2 207.4#
98 55.2 49.2 73.8





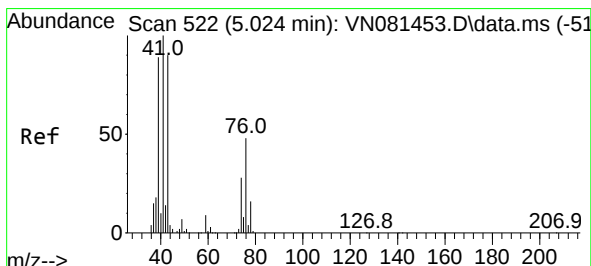
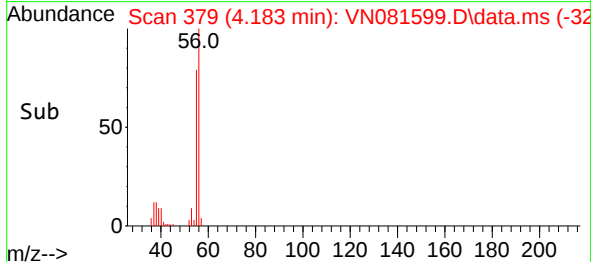
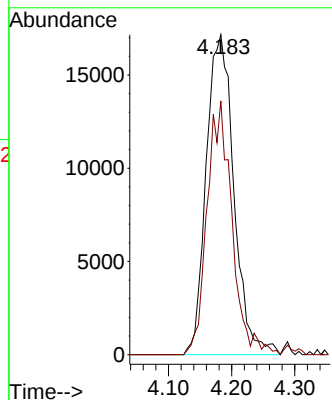
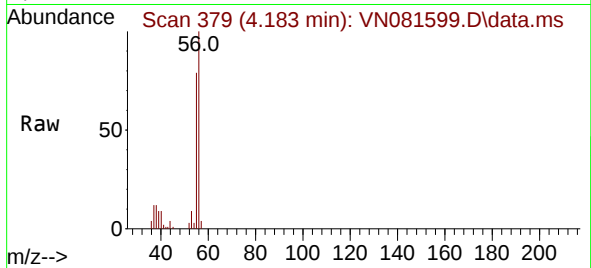
#13
Acrolein
Concen: 81.681 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 56 Resp: 5223
Ion Ratio Lower Upper
56 100
55 71.2 55.3 82.9

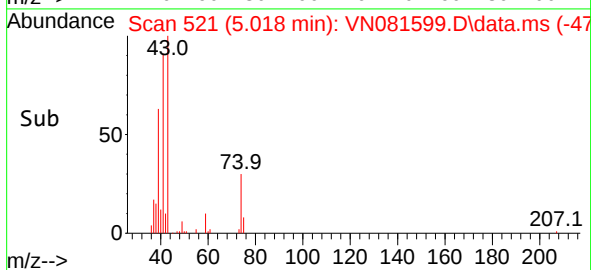
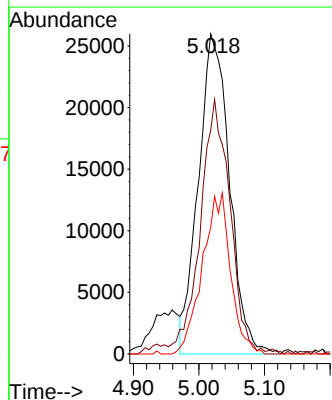
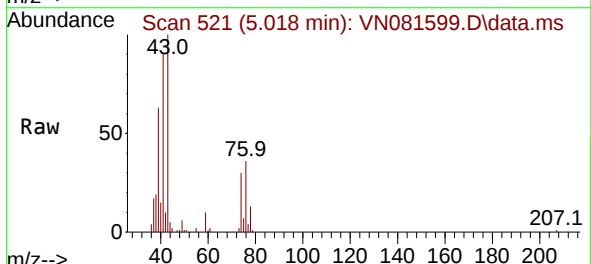
Manual Integrations
APPROVED

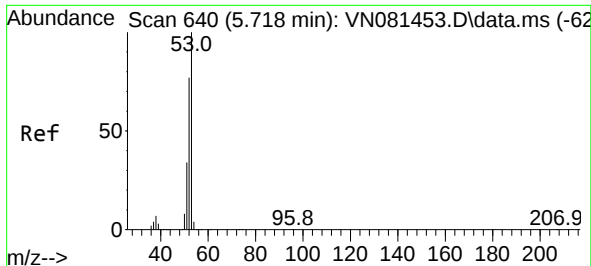
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#14
Allyl chloride
Concen: 18.090 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

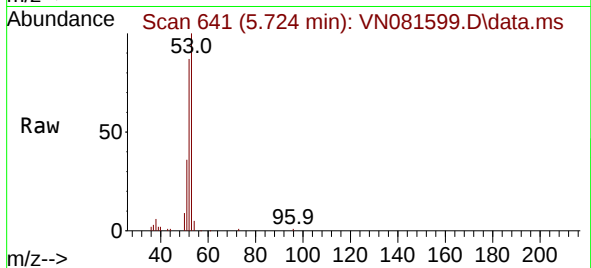
Tgt Ion: 41 Resp: 85783
Ion Ratio Lower Upper
41 100
39 73.8 57.7 86.5
76 45.4 26.8 40.2#





#15
Acrylonitrile
Concen: 94.432 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

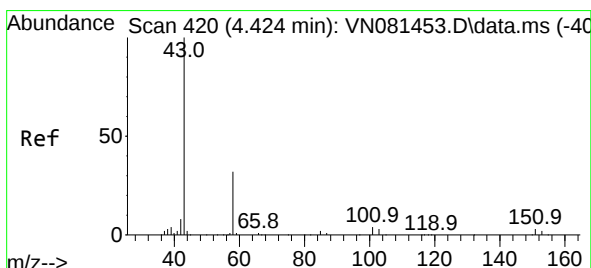
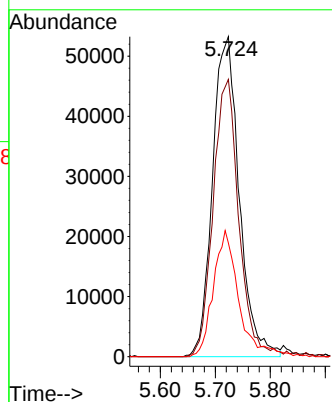
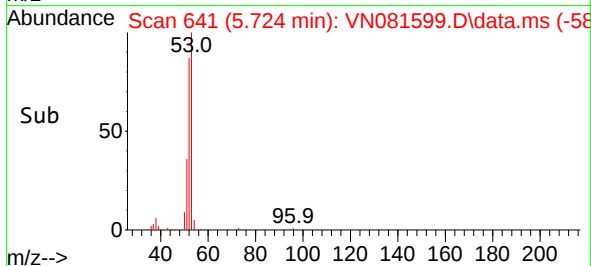
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



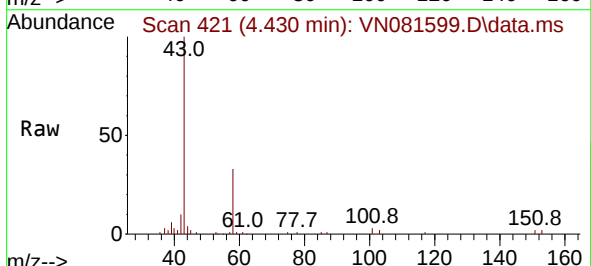
Tgt Ion: 53 Resp: 18003
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 37.6 26.9 40.3

Manual Integrations
APPROVED

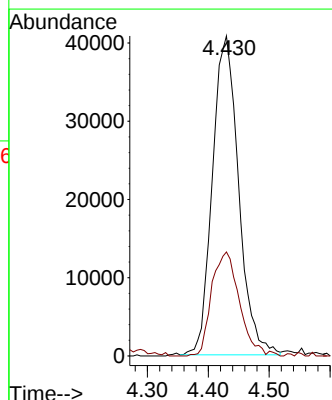
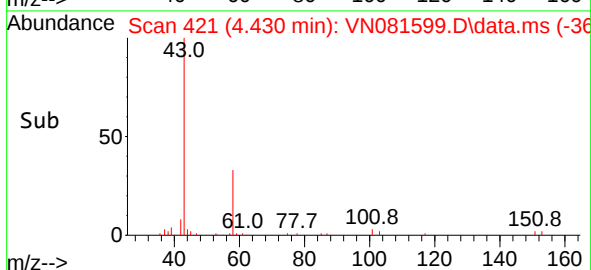
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

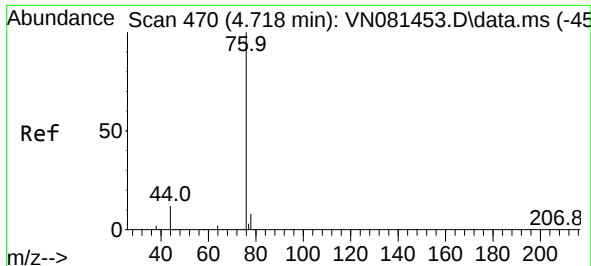


#16
Acetone
Concen: 92.232 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion: 43 Resp: 121890
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2





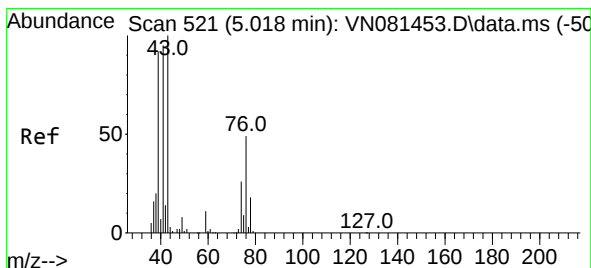
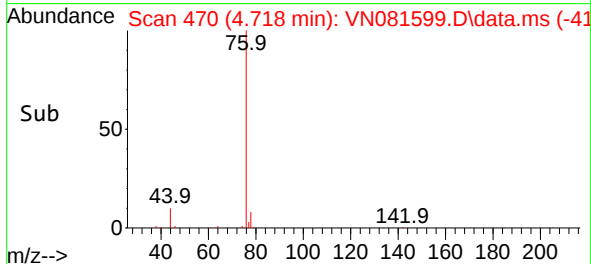
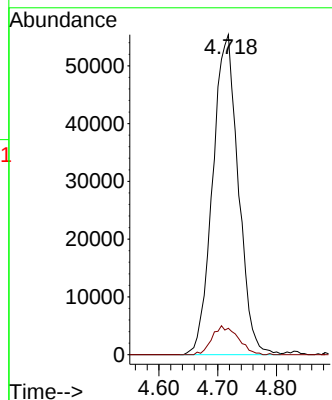
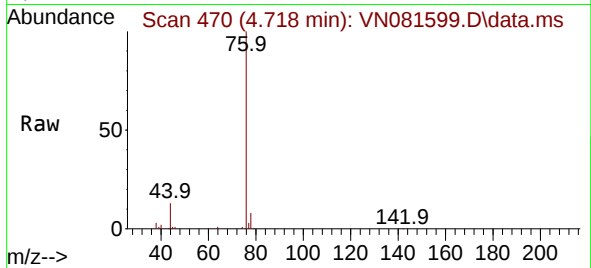
#17
Carbon Disulfide
Concen: 15.480 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 76 Resp: 16811
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5

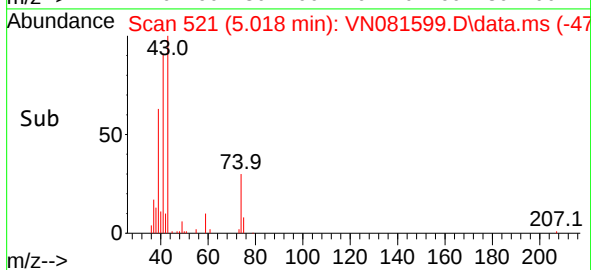
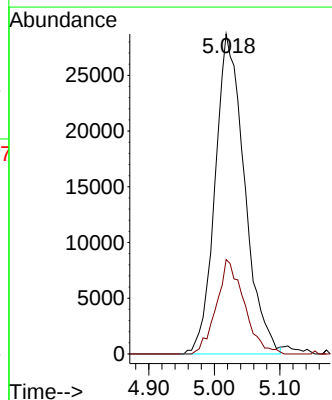
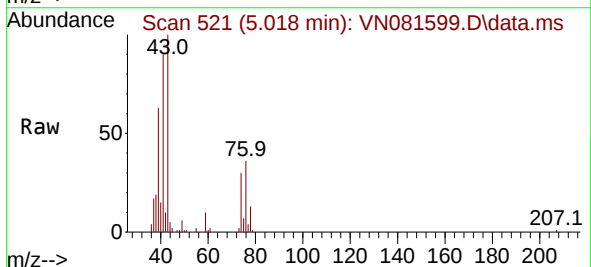
Manual Integrations
APPROVED

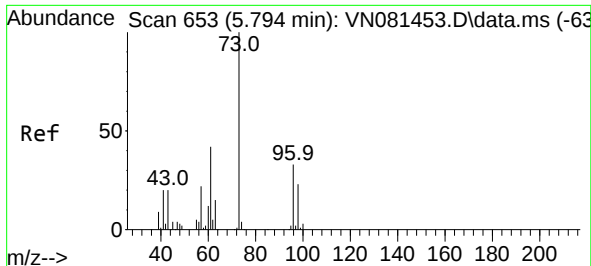
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#18
Methyl Acetate
Concen: 21.950 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 43 Resp: 89430
Ion Ratio Lower Upper
43 100
74 27.8 17.3 25.9#





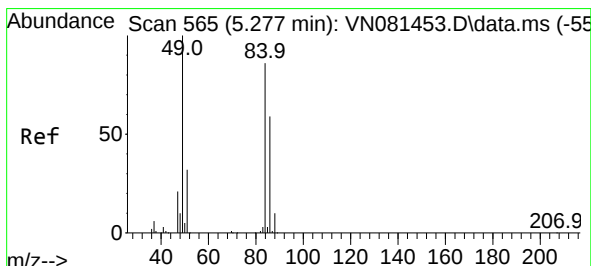
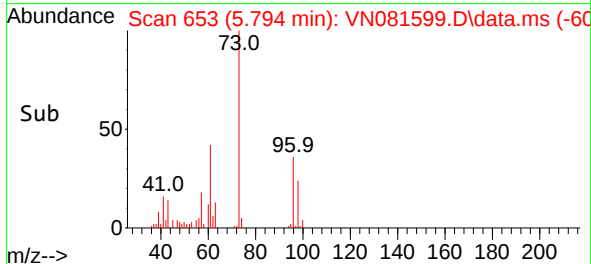
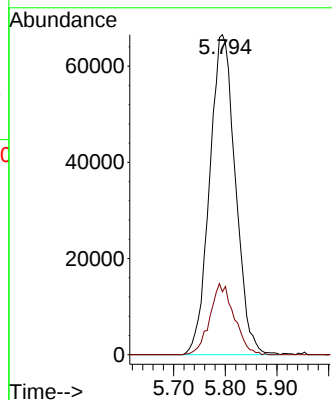
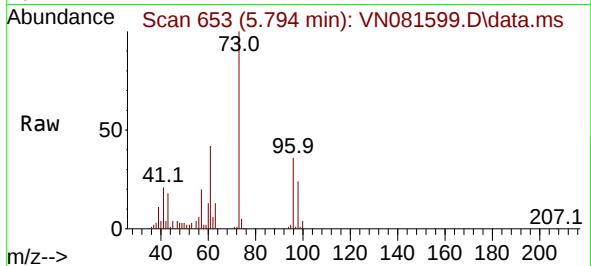
#19
Methyl tert-butyl Ether
Concen: 19.492 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 73 Resp: 23085
Ion Ratio Lower Upper
73 100
57 19.7 18.2 27.4

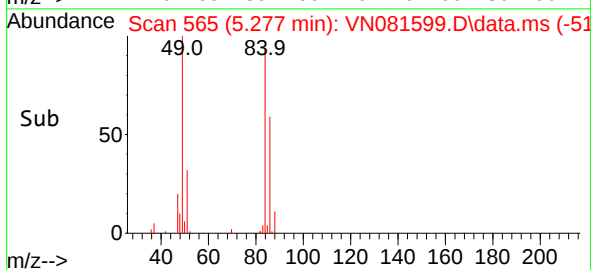
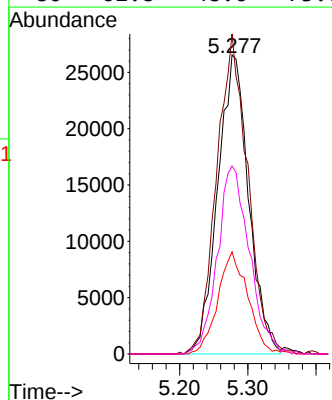
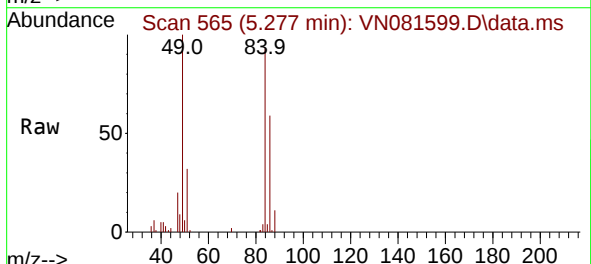
Manual Integrations
APPROVED

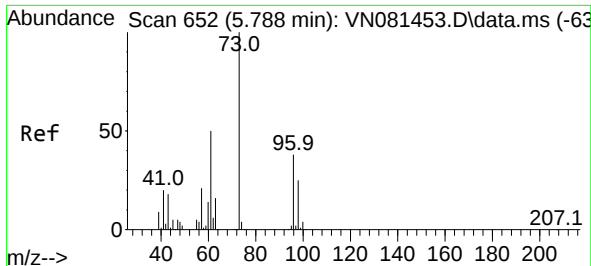
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#20
Methylene Chloride
Concen: 19.366 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

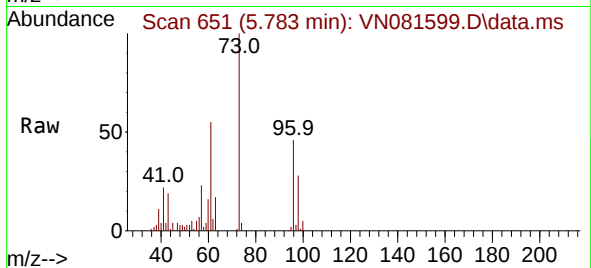
Tgt Ion: 84 Resp: 83836
Ion Ratio Lower Upper
84 100
49 106.4 108.1 162.1#
51 34.1 32.9 49.3
86 62.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.260 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

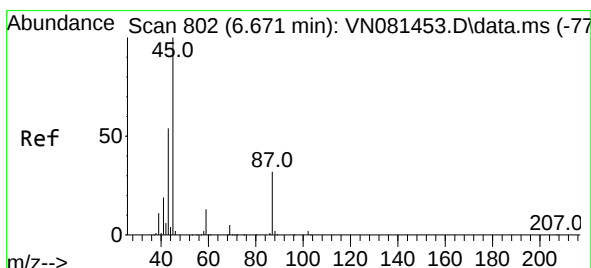
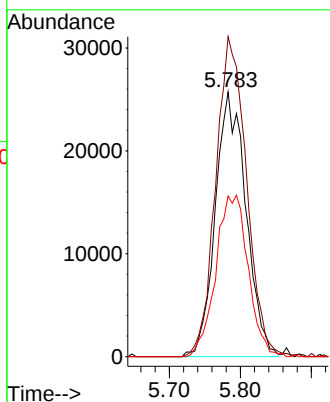
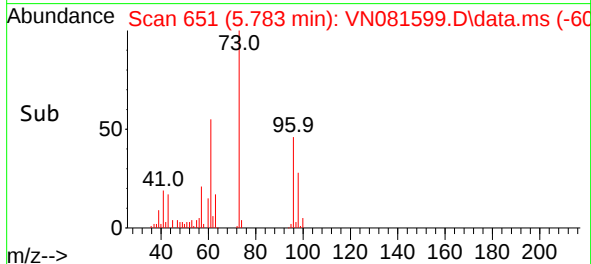
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



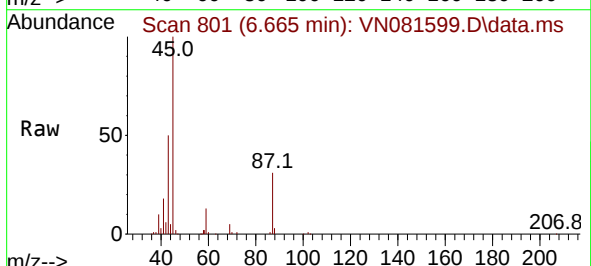
Tgt Ion: 96 Resp: 77049
Ion Ratio Lower Upper
96 100
61 120.9 112.8 169.2
98 60.7 51.0 76.4

Manual Integrations
APPROVED

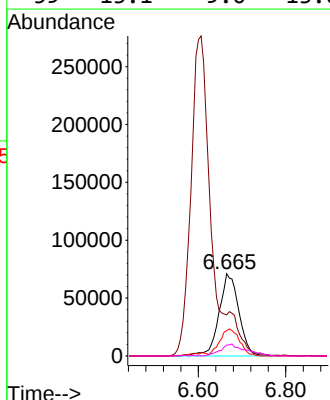
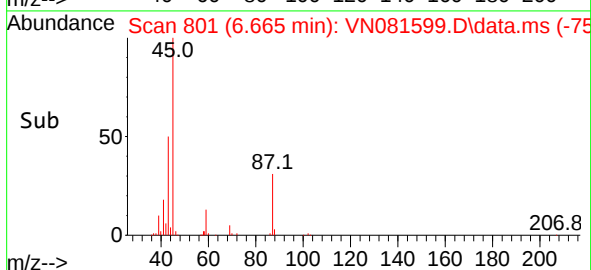
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

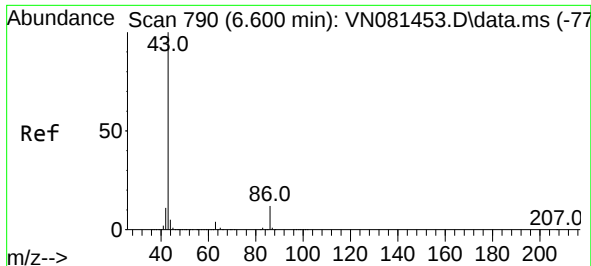


#22
Diisopropyl ether
Concen: 20.288 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



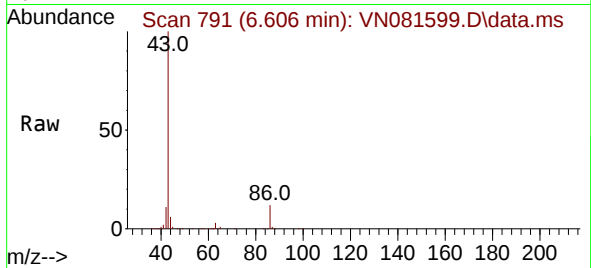
Tgt Ion: 45 Resp: 223531
Ion Ratio Lower Upper
45 100
43 48.9 41.8 62.8
87 30.7 18.1 27.1#
59 13.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 94.599 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

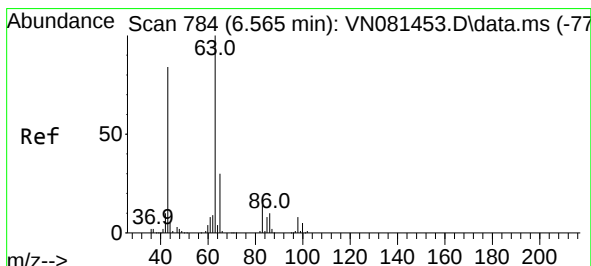
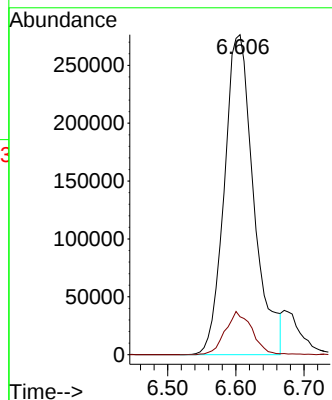
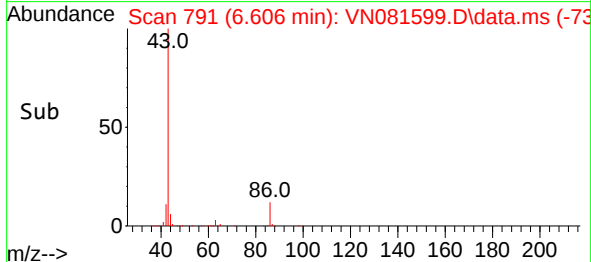
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



Tgt Ion: 43 Resp: 829650
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7

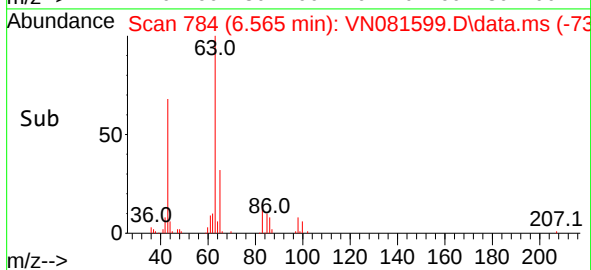
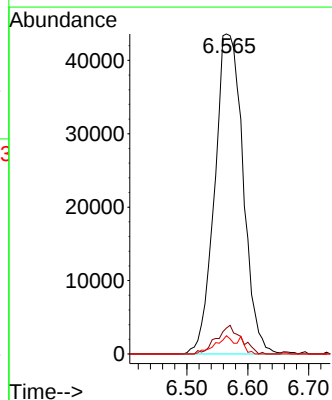
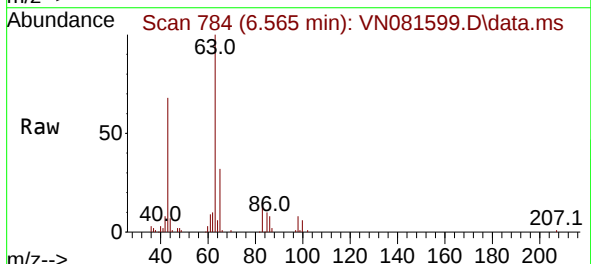
Manual Integrations
 APPROVED

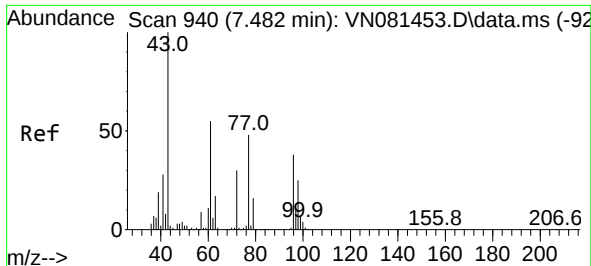
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#24
 1,1-Dichloroethane
 Concen: 19.089 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

Tgt Ion: 63 Resp: 140875
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 5.7 1.9 5.7





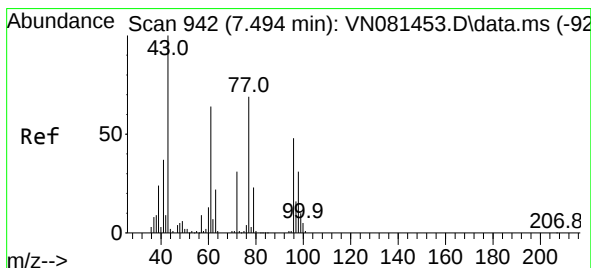
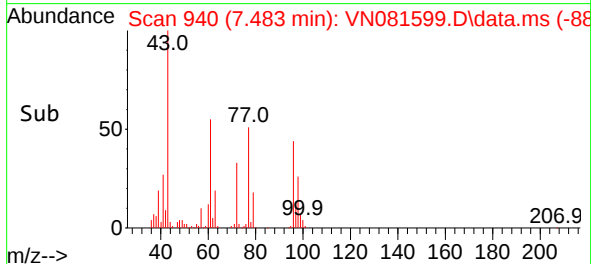
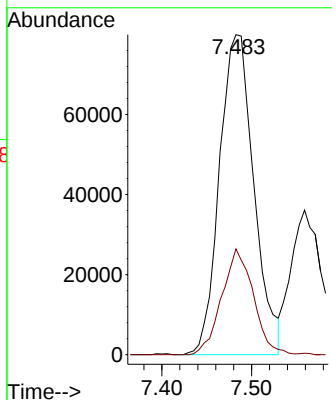
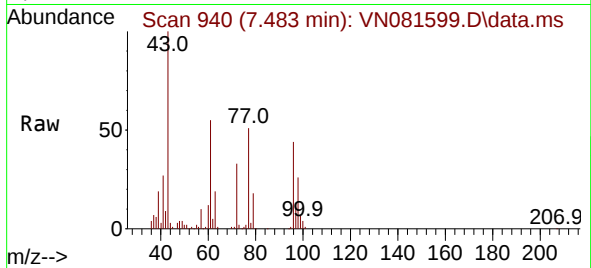
#25
2-Butanone
Concen: 94.101 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 43 Resp: 21330
Ion Ratio Lower Upper
43 100
72 33.1 19.5 29.3

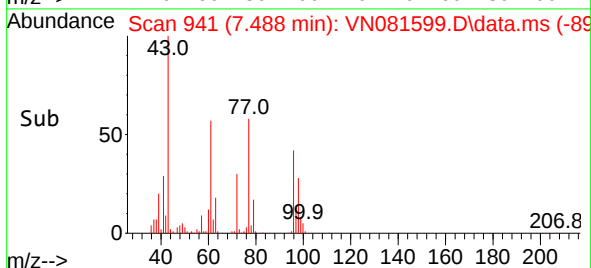
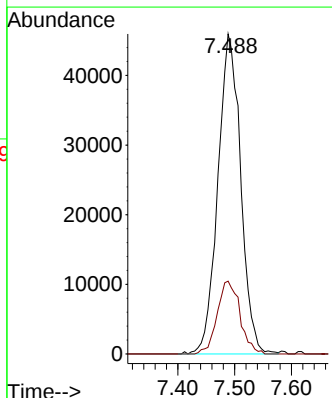
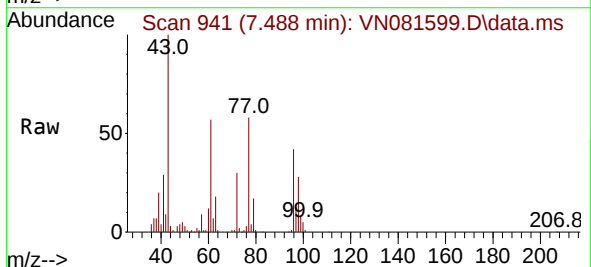
Manual Integrations
APPROVED

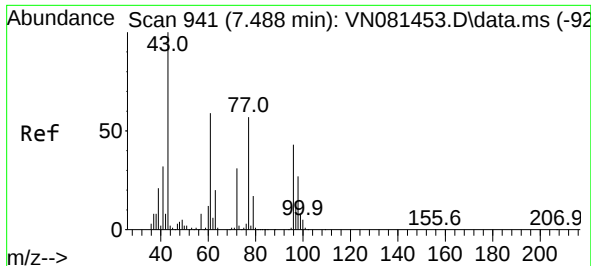
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#26
2,2-Dichloropropane
Concen: 20.017 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

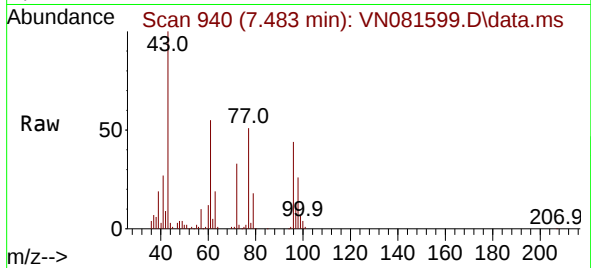
Tgt Ion: 77 Resp: 128123
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.298 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

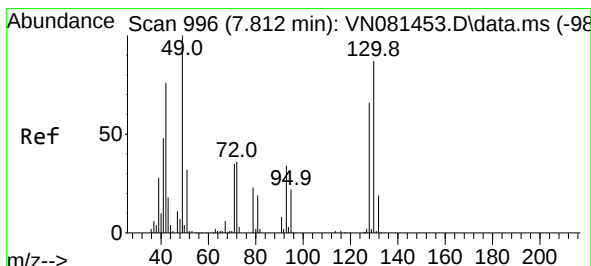
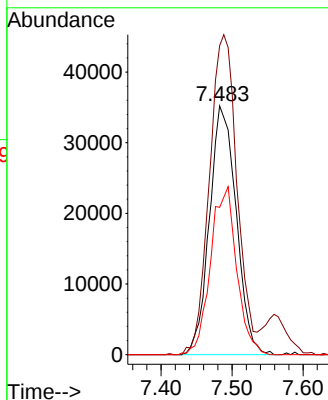
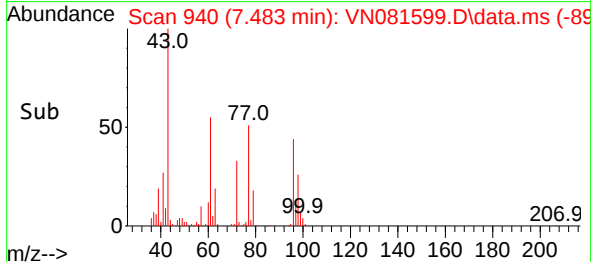
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



Tgt Ion: 96 Resp: 9213
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 325.4
 98 65.9 0.0 130.4

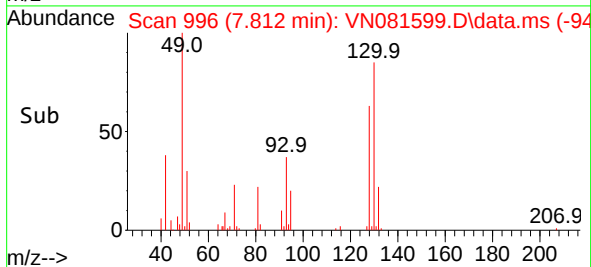
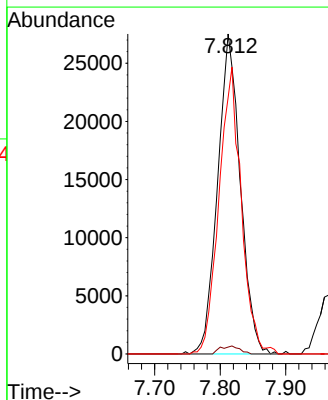
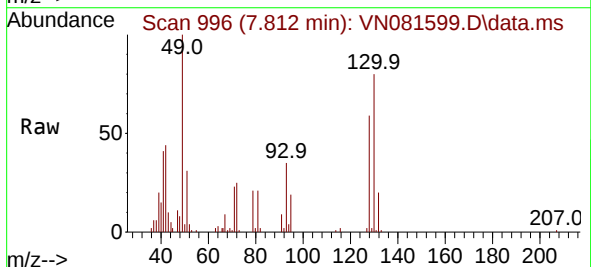
Manual Integrations
 APPROVED

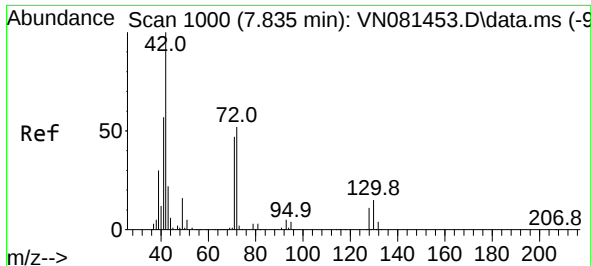
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#28
 Bromochloromethane
 Concen: 22.031 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

Tgt Ion: 49 Resp: 66221
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 87.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 90.267 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081599.D

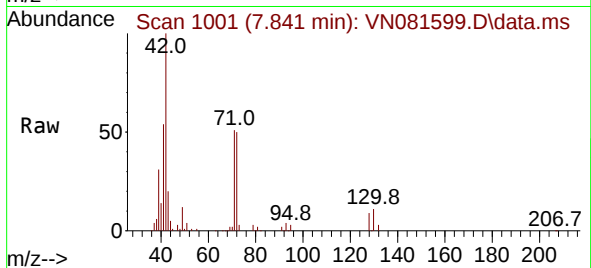
Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01



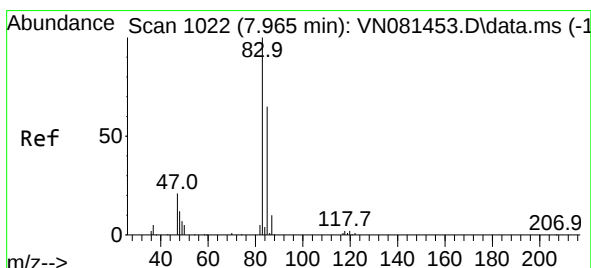
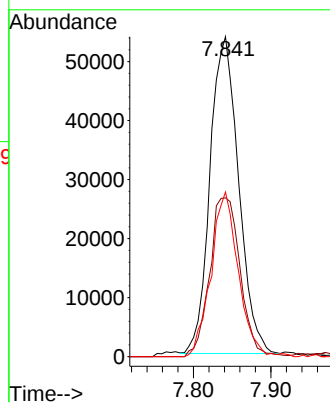
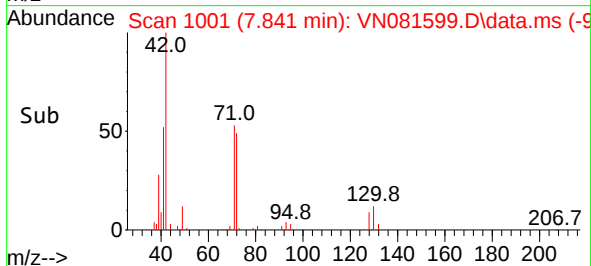
Tgt Ion:	42	Resp:	137840
Ion Ratio	100	Lower	Upper
42	100		
72	53.4	31.1	46.7
71	49.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#30

Chloroform

Concen: 20.160 ug/l

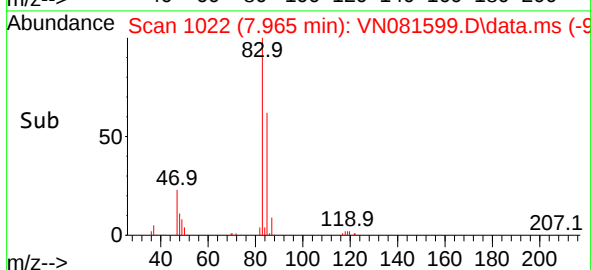
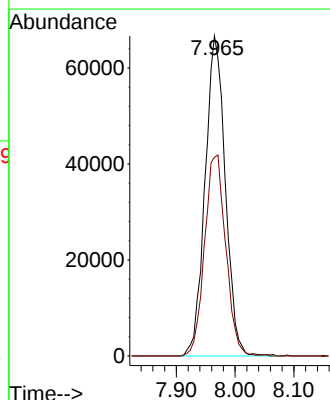
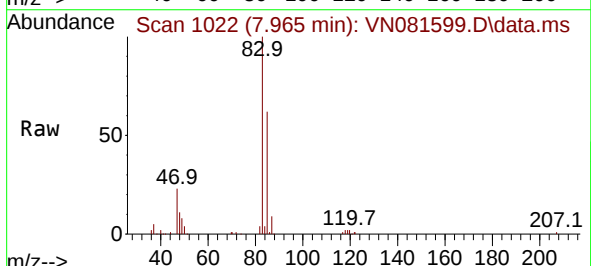
RT: 7.965 min Scan# 1022

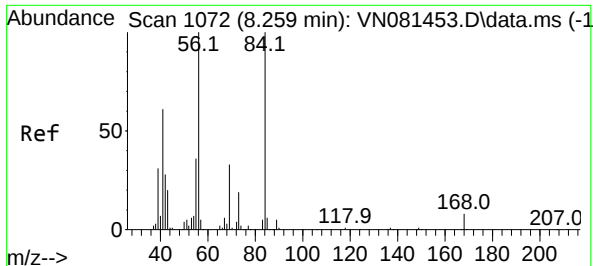
Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

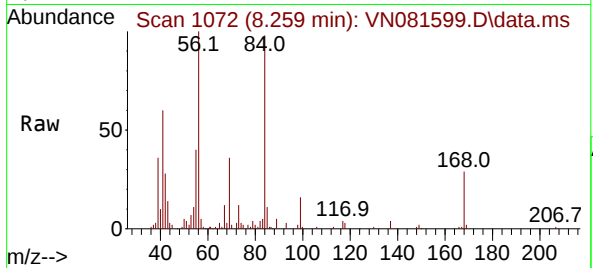
Tgt Ion:	83	Resp:	159265
Ion Ratio	100	Lower	Upper
83	100		
85	62.1	51.0	76.6





#31
Cyclohexane
Concen: 17.216 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

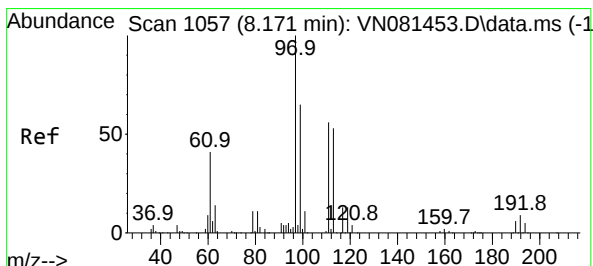
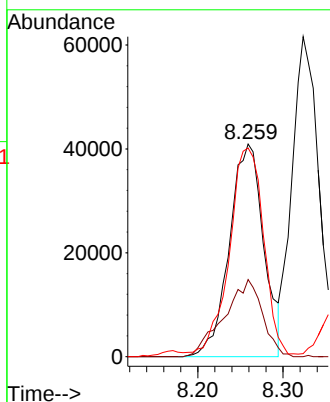
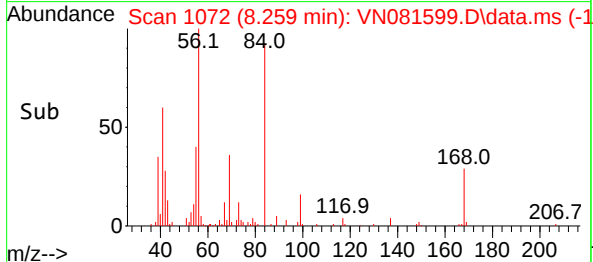
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 56 Resp: 11456
Ion Ratio Lower Upper
56 100
69 36.3 20.1 30.1
84 96.1 56.9 85.3

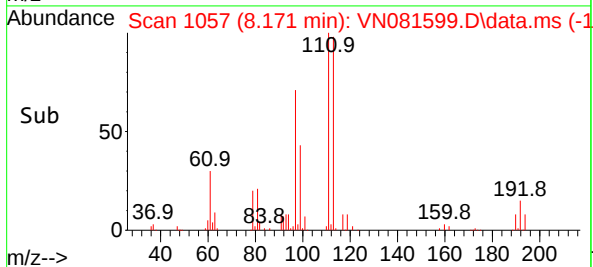
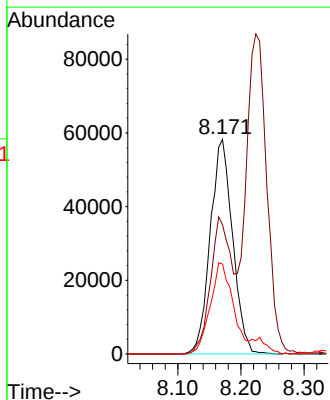
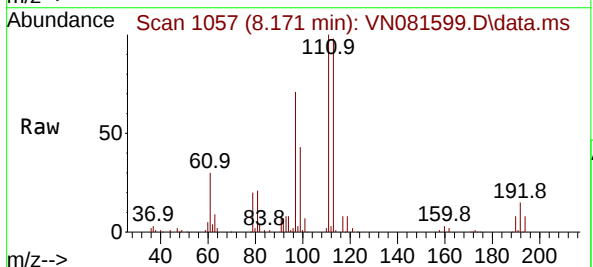
Manual Integrations
APPROVED

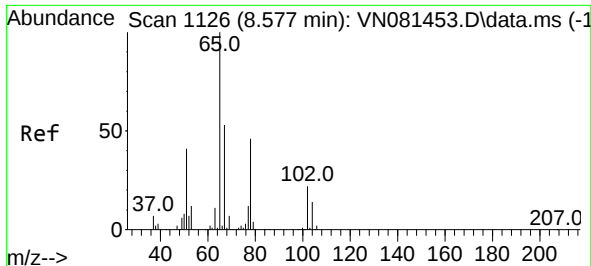
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#32
1,1,1-Trichloroethane
Concen: 19.968 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 97 Resp: 143121
Ion Ratio Lower Upper
97 100
99 57.4 53.4 80.0
61 43.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.478 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 65 Resp: 222778

Ion Ratio Lower Upper

65 100

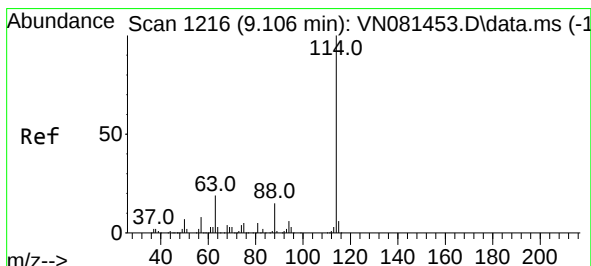
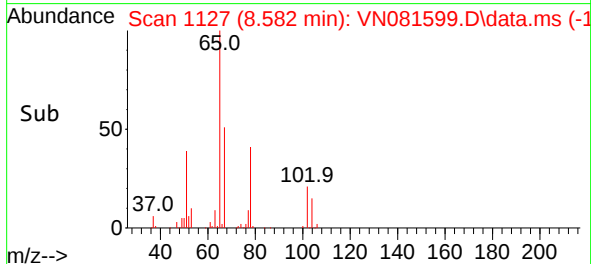
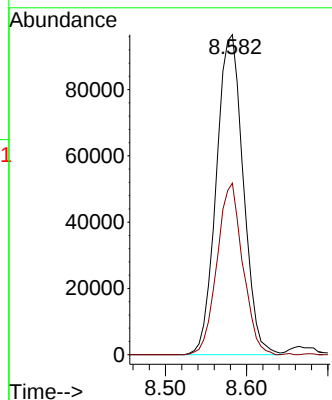
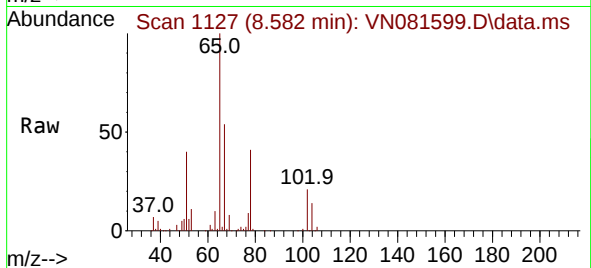
67 51.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

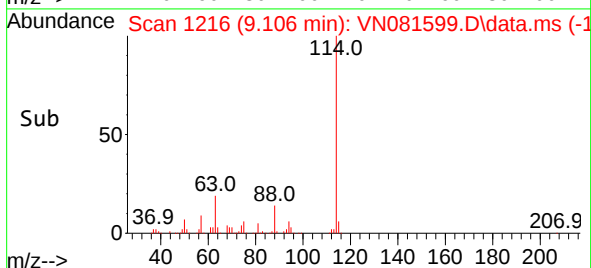
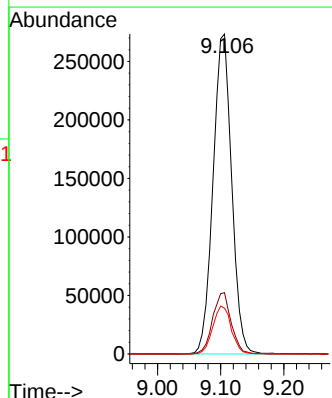
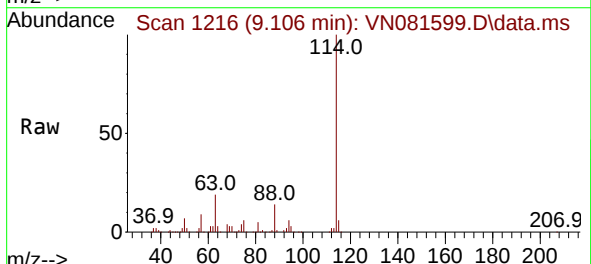
Tgt Ion:114 Resp: 559071

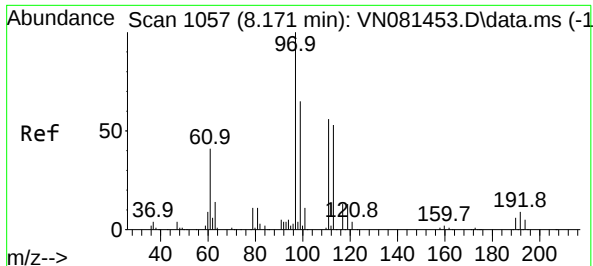
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 14.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.520 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

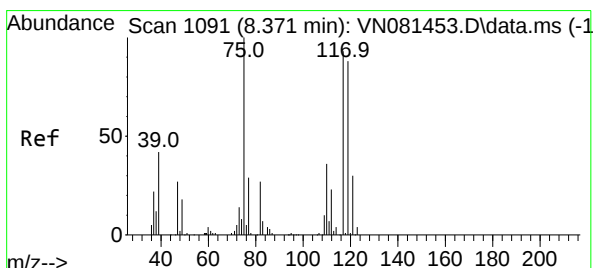
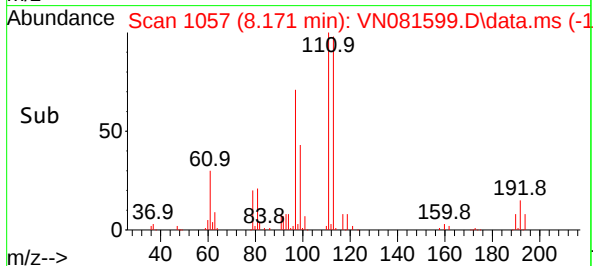
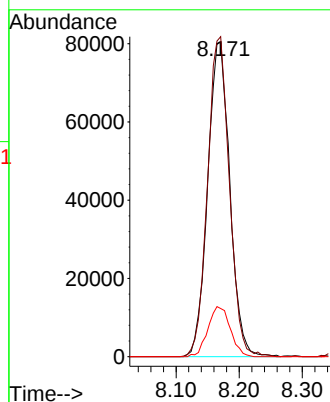
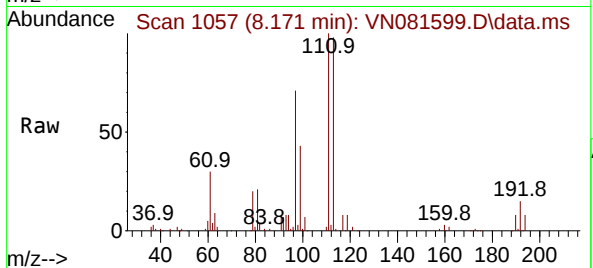
Tgt Ion:	113	Resp:	19589
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.2	123.4
192	16.1	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#36

1,1-Dichloropropene

Concen: 17.828 ug/l

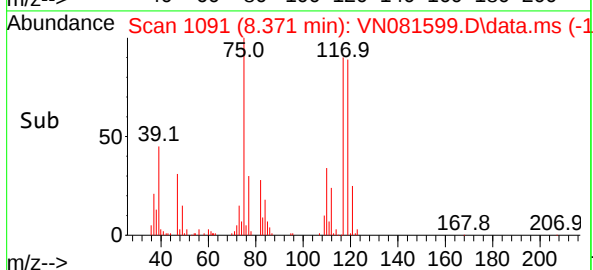
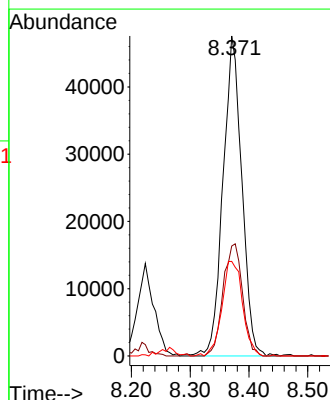
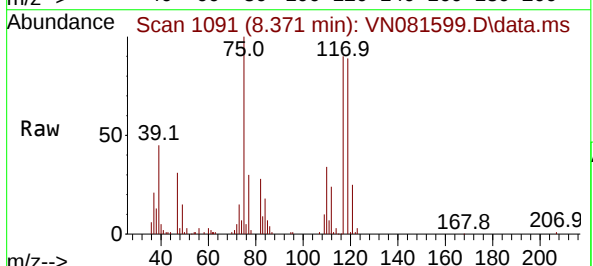
RT: 8.371 min Scan# 1091

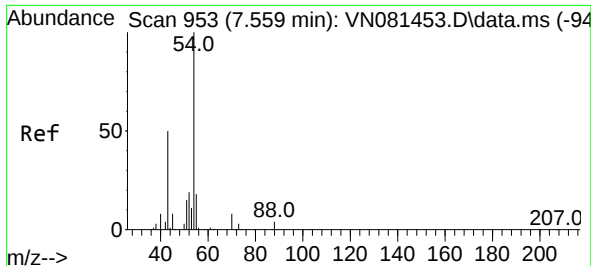
Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Tgt Ion:	75	Resp:	105860
Ion Ratio	Lower	Upper	
75	100		
110	36.3	16.0	48.0
77	32.3	25.8	38.6





#37

Ethyl Acetate

Concen: 17.305 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081599.D

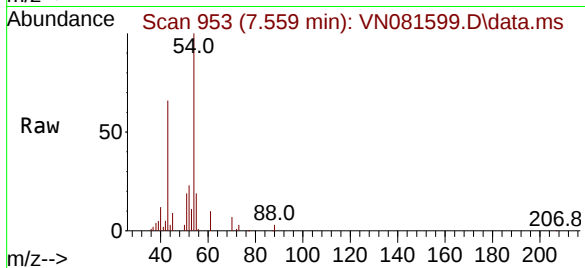
Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01



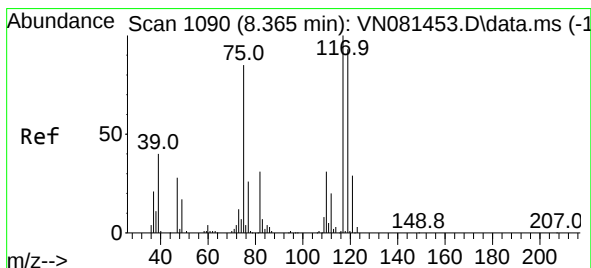
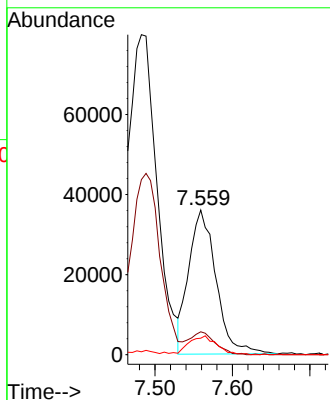
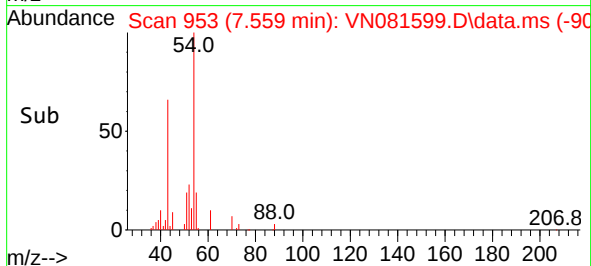
Tgt Ion:	43	Resp:	8798
Ion Ratio	Lower	Upper	
43	100		
61	14.7	10.6	15.8
70	13.4	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#38

Carbon Tetrachloride

Concen: 18.939 ug/l

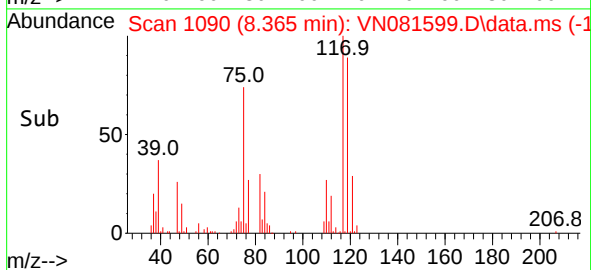
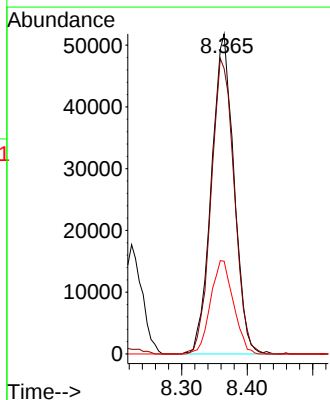
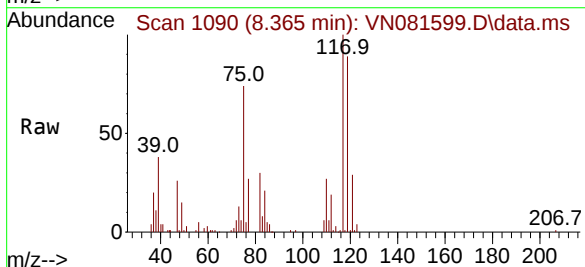
RT: 8.365 min Scan# 1090

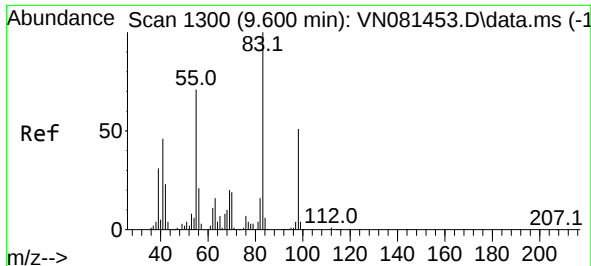
Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Tgt Ion:	117	Resp:	123189
Ion Ratio	Lower	Upper	
117	100		
119	89.2	73.4	110.2
121	29.0	24.4	36.6





#39

Methylcyclohexane

Concen: 16.912 ug/l

RT: 9.600 min Scan# 112139

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

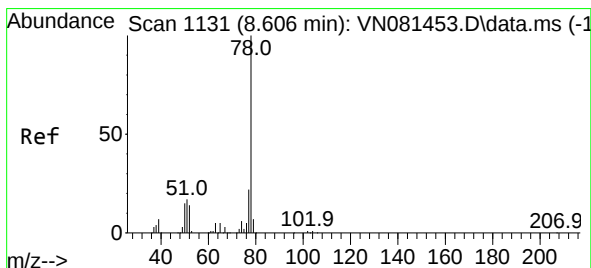
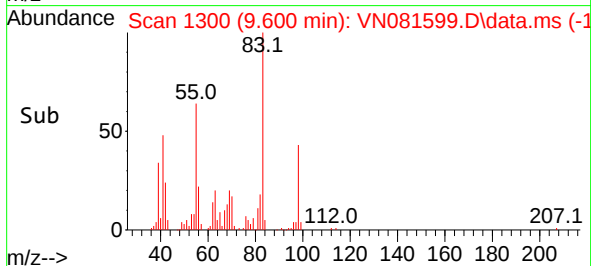
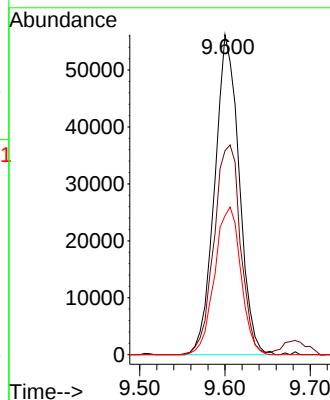
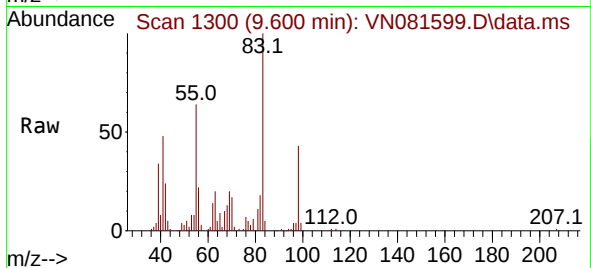
Tgt Ion:	83	Resp:	112139
Ion	Ratio	Lower	Upper
83	100		
55	63.7	65.7	98.5
98	43.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Benzene

Concen: 18.986 ug/l

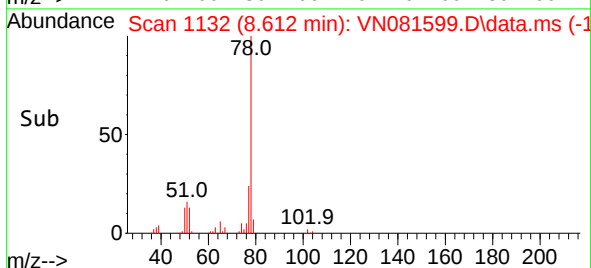
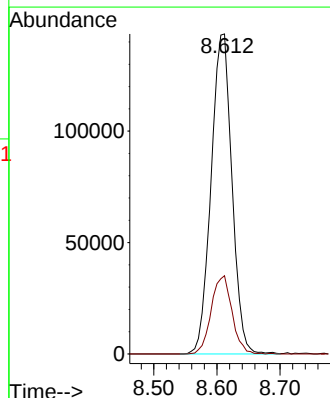
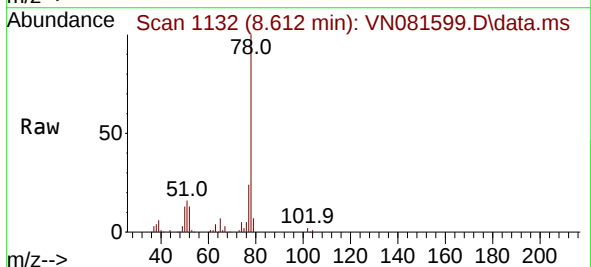
RT: 8.612 min Scan# 1132

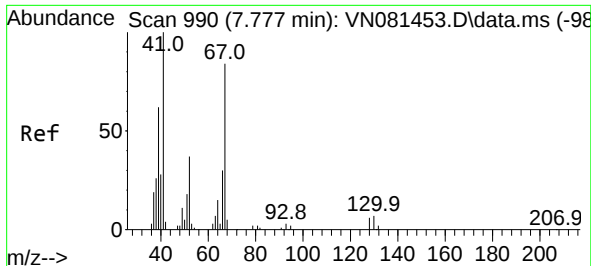
Delta R.T. 0.006 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

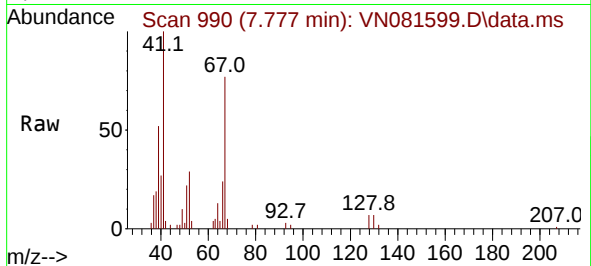
Tgt Ion:	78	Resp:	329583
Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.4	30.6





#41
Methacrylonitrile
Concen: 18.452 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

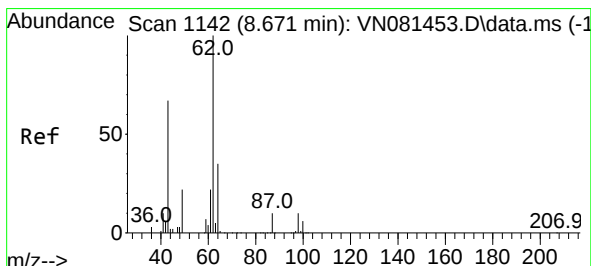
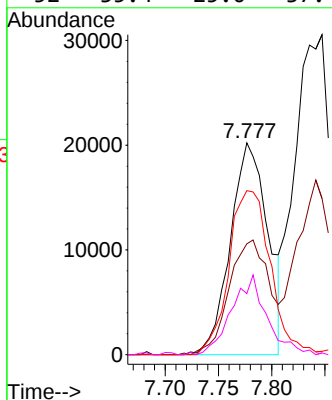
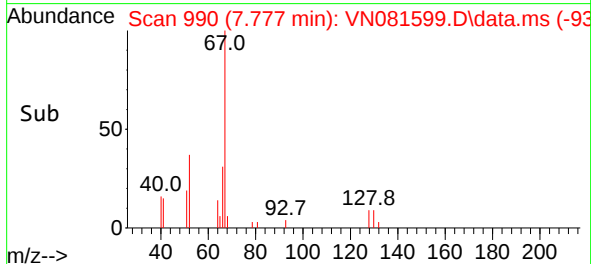
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.9	48.4	72.6
67	85.8	56.8	85.2
52	35.4	25.0	37.4

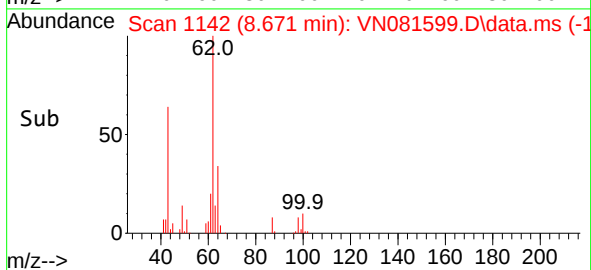
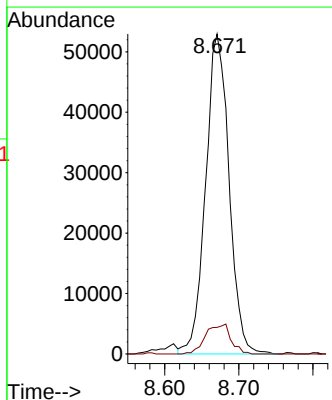
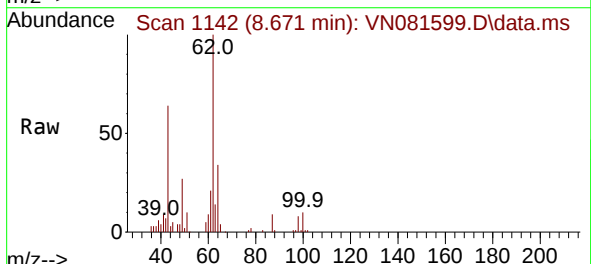
Manual Integrations
APPROVED

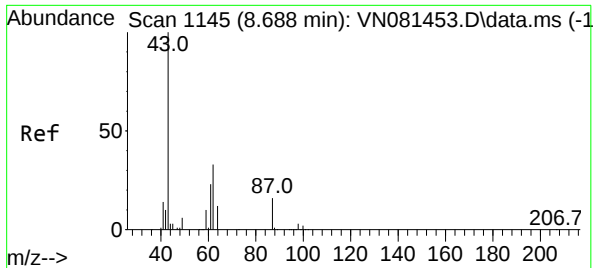
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#42
1,2-Dichloroethane
Concen: 19.004 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

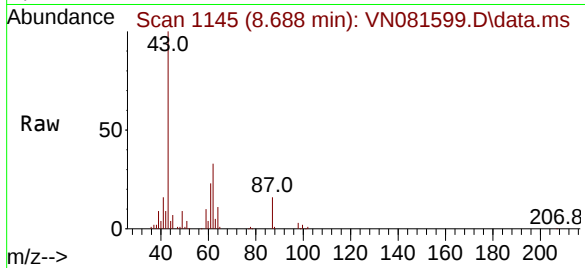
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.879 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

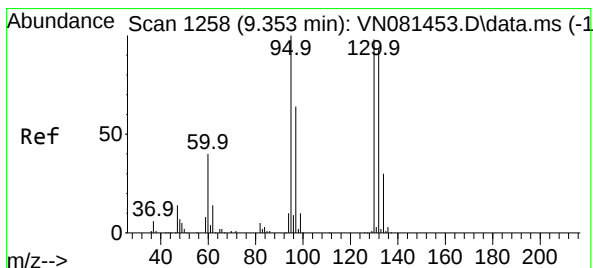
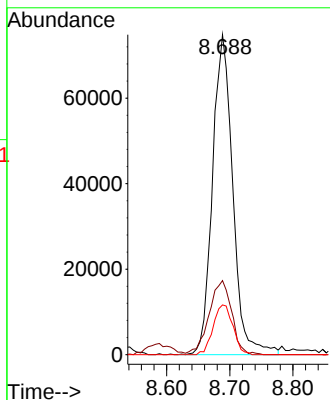
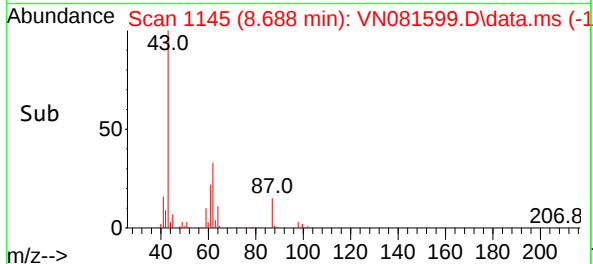
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 43 Resp: 167544
Ion Ratio Lower Upper
43 100
61 25.8 19.9 29.9
87 15.1 9.0 13.6

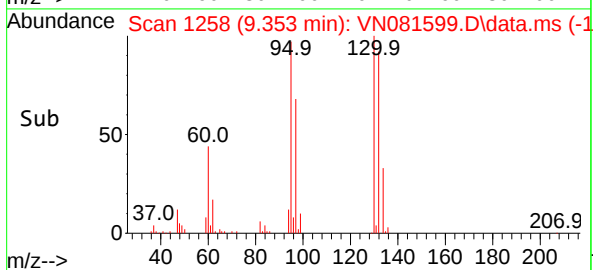
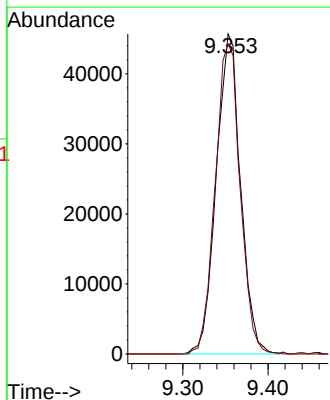
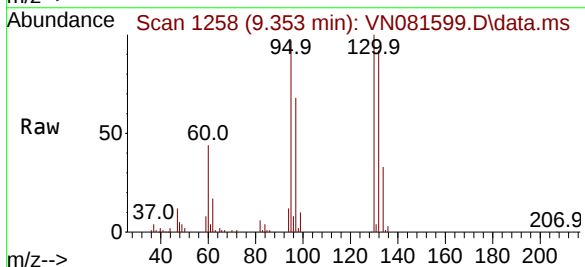
Manual Integrations
APPROVED

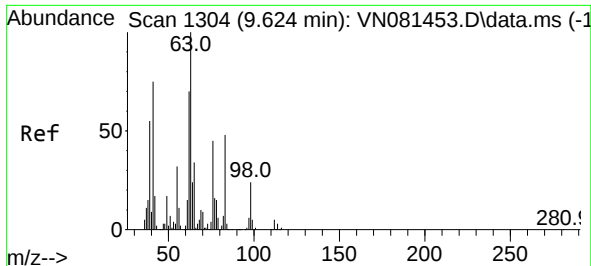
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#44
Trichloroethene
Concen: 18.571 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion:130 Resp: 90668
Ion Ratio Lower Upper
130 100
95 96.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.662 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081599.D

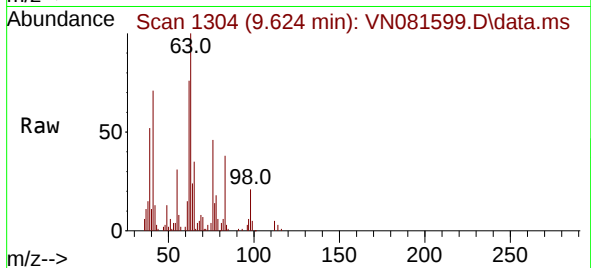
Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01



Tgt Ion: 63 Resp: 82719

Ion Ratio Lower Upper

63 100

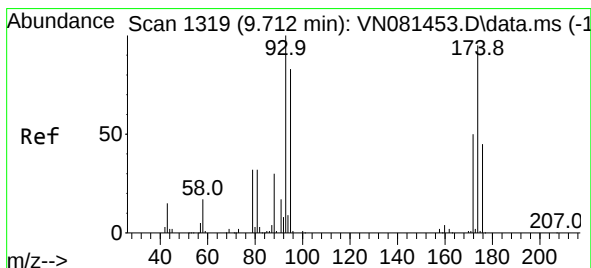
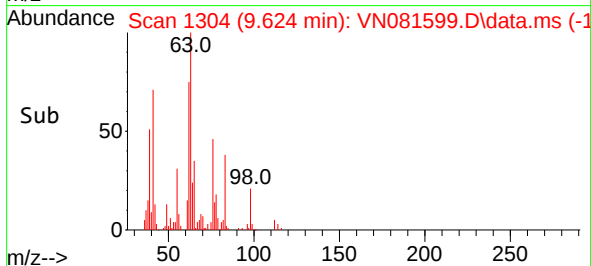
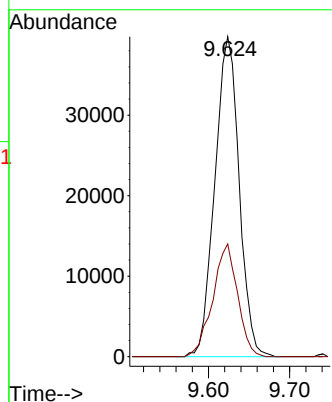
65 35.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#46

Dibromomethane

Concen: 19.570 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

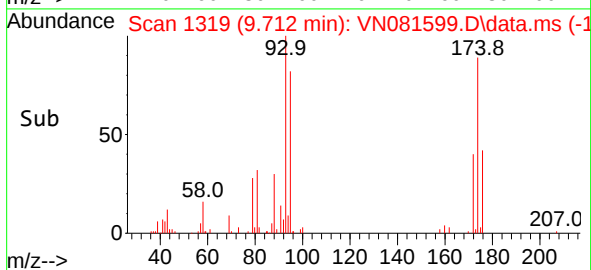
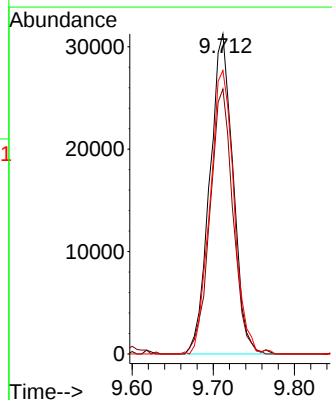
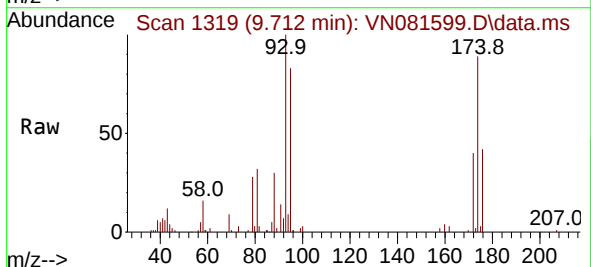
Tgt Ion: 93 Resp: 62526

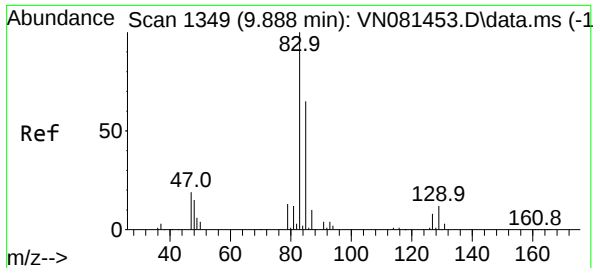
Ion Ratio Lower Upper

93 100

95 81.4 68.1 102.1

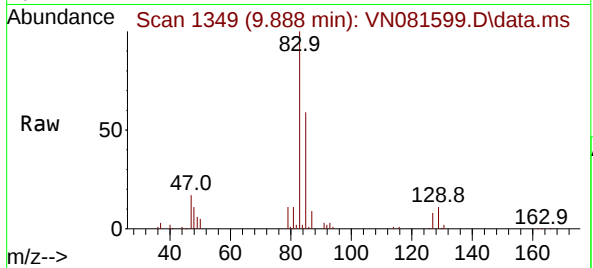
174 90.4 57.2 85.8





#47
Bromodichloromethane
Concen: 20.420 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

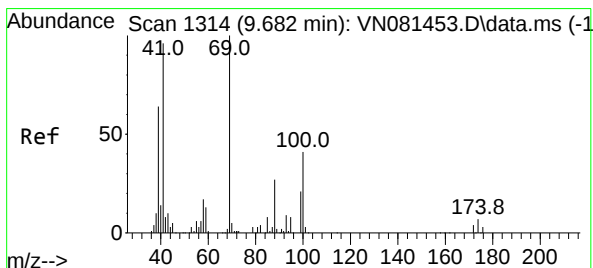
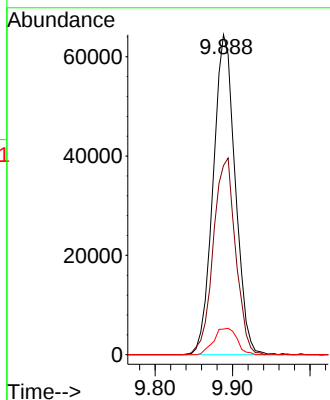
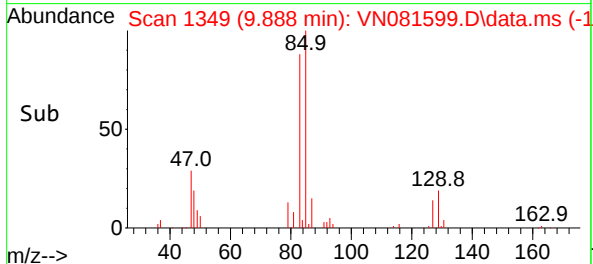
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 83 Resp: 127554
Ion Ratio Lower Upper
83 100
85 59.1 52.3 78.5
127 8.0 4.6 7.0

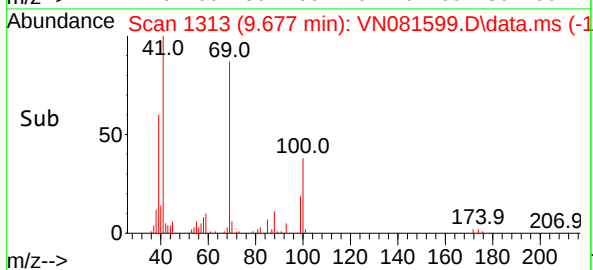
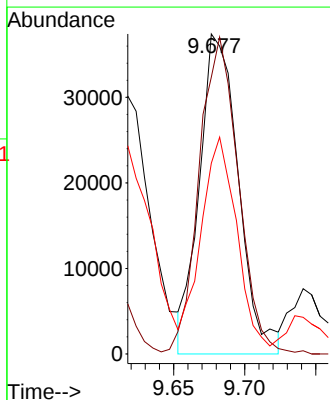
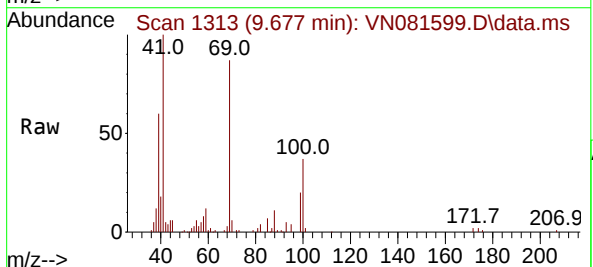
Manual Integrations
APPROVED

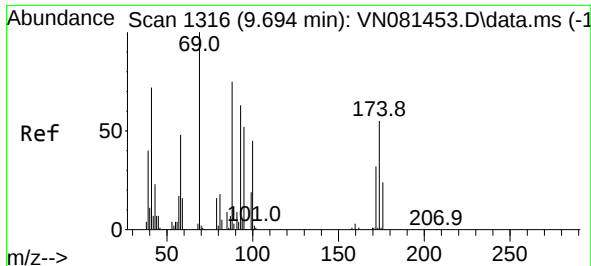
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
Methyl methacrylate
Concen: 18.371 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

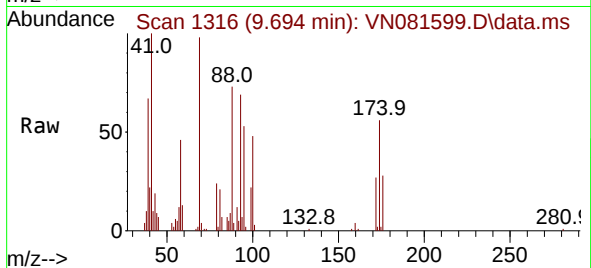
Tgt Ion: 41 Resp: 71416
Ion Ratio Lower Upper
41 100
69 99.8 62.2 93.2#
39 63.3 47.6 71.4





#49
1,4-Dioxane
Concen: 363.908 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

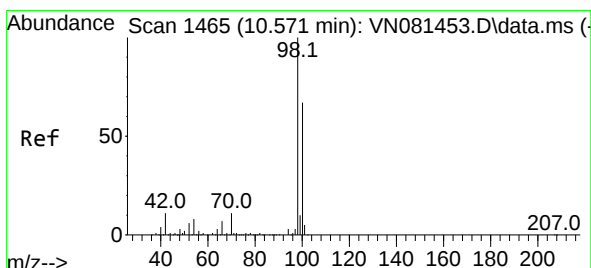
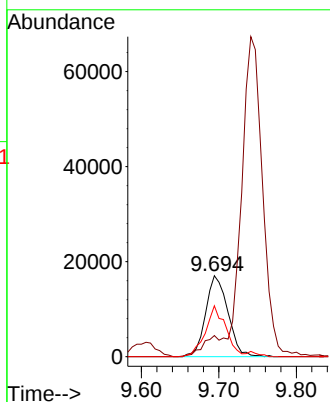
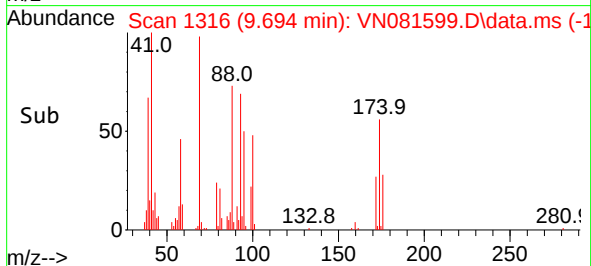
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



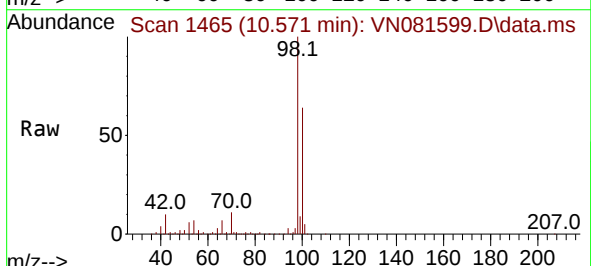
Tgt Ion: 88 Resp: 33990
Ion Ratio Lower Upper
88 100
43 19.5 30.1 45.1
58 58.0 63.9 95.9

Manual Integrations
APPROVED

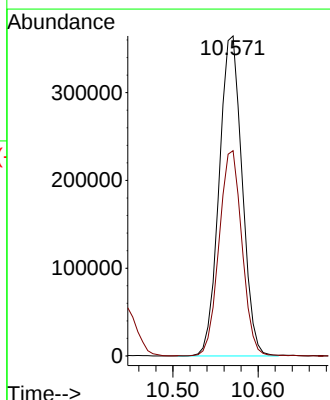
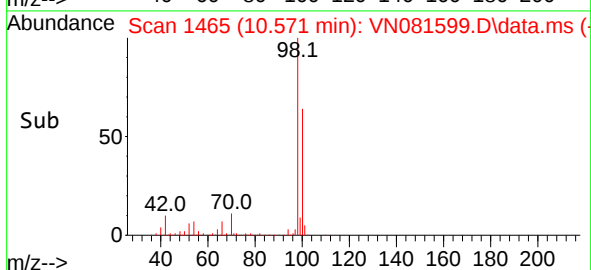
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

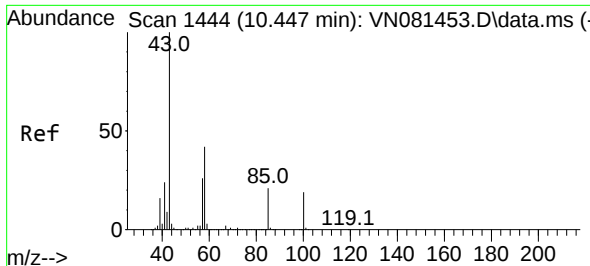


#50
Toluene-d8
Concen: 53.502 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



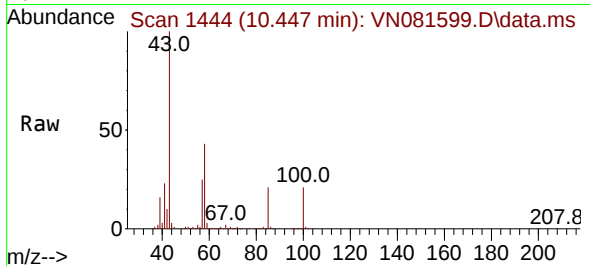
Tgt Ion: 98 Resp: 682382
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 92.861 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

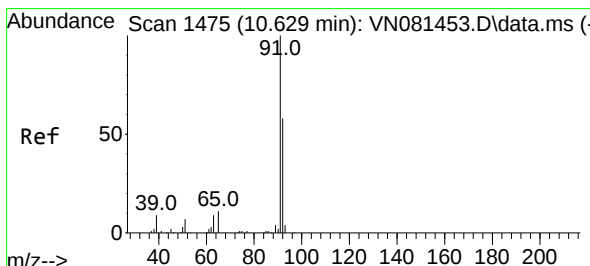
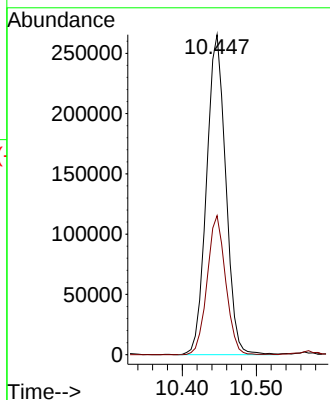
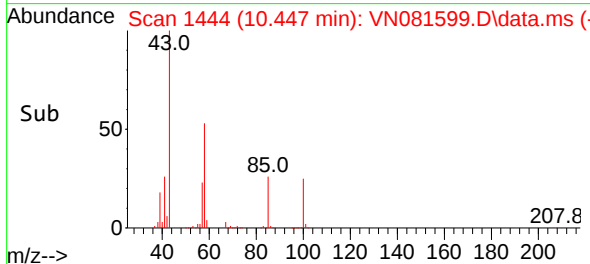
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 43 Resp: 47756
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0

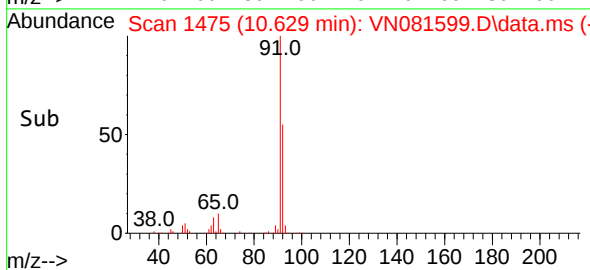
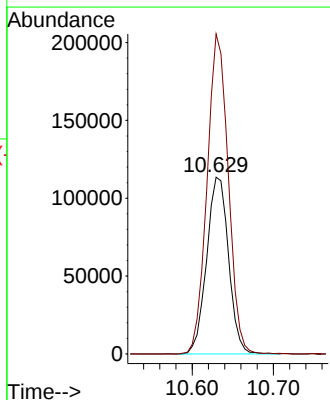
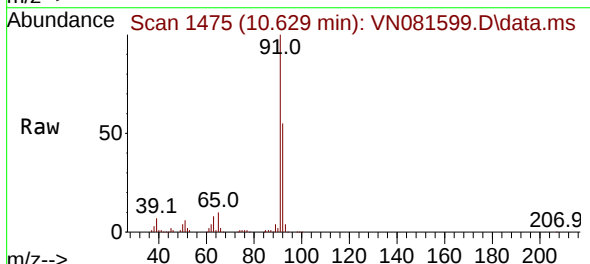
Manual Integrations
APPROVED

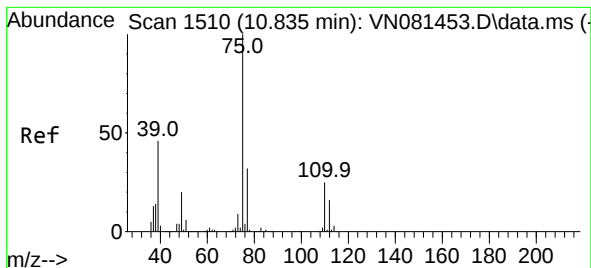
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#52
Toluene
Concen: 19.268 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 92 Resp: 212598
Ion Ratio Lower Upper
92 100
91 175.4 139.4 209.0





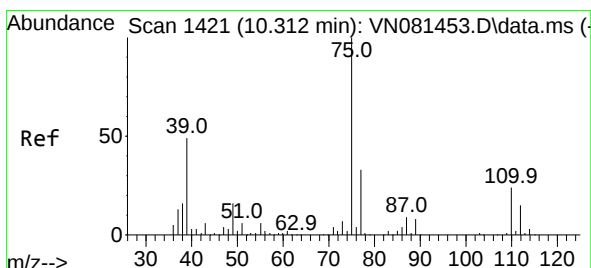
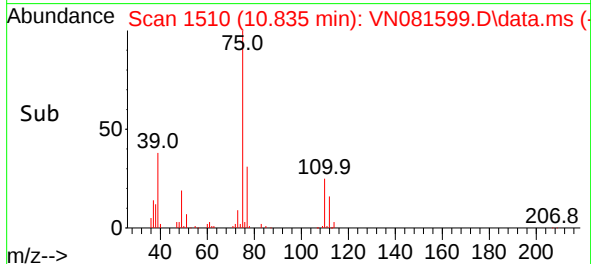
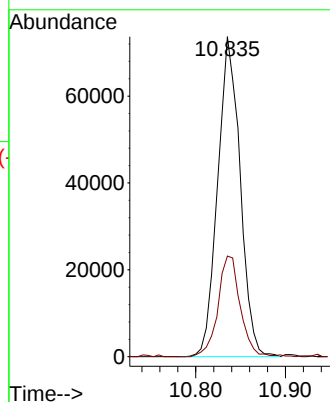
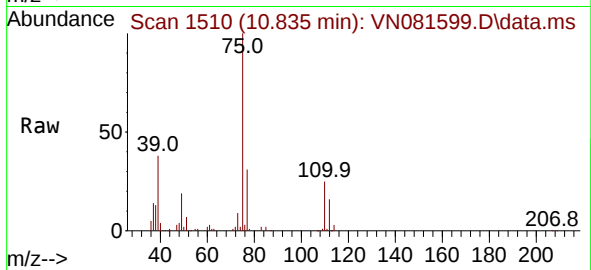
#53
t-1,3-Dichloropropene
Concen: 18.957 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 75 Resp: 12786
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

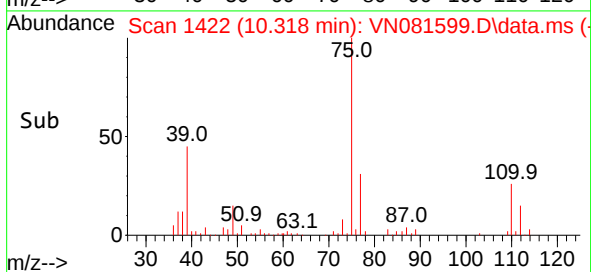
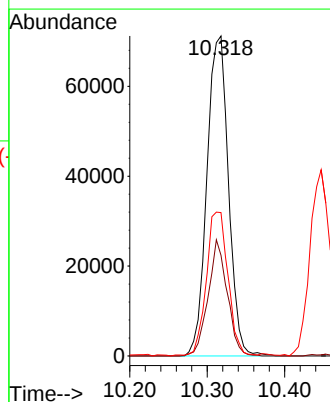
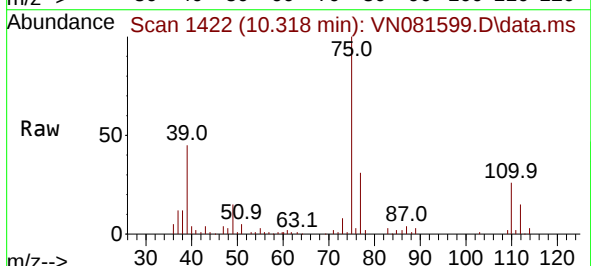
Manual Integrations
APPROVED

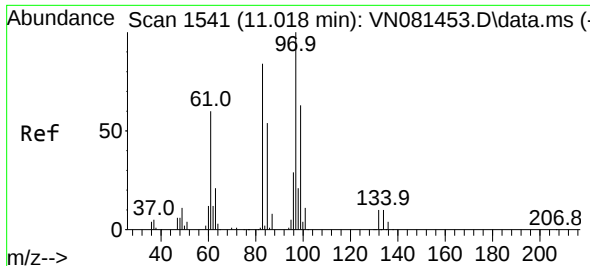
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
cis-1,3-Dichloropropene
Concen: 19.031 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

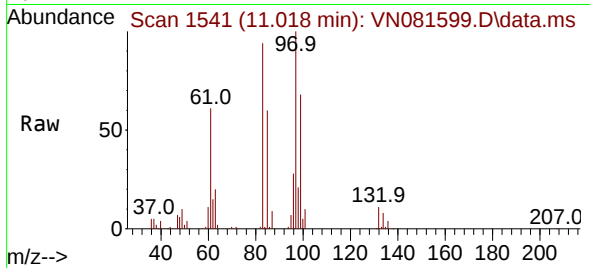
Tgt Ion: 75 Resp: 137630
Ion Ratio Lower Upper
75 100
77 31.4 23.3 34.9
39 44.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.228 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

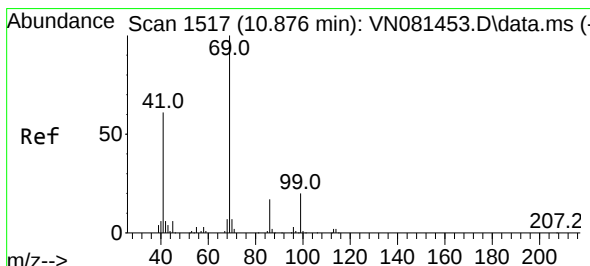
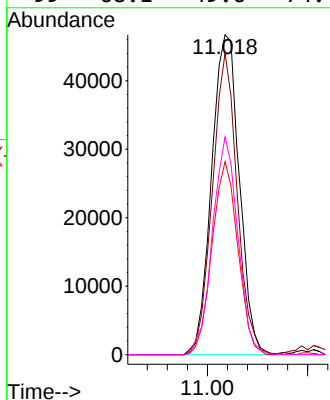
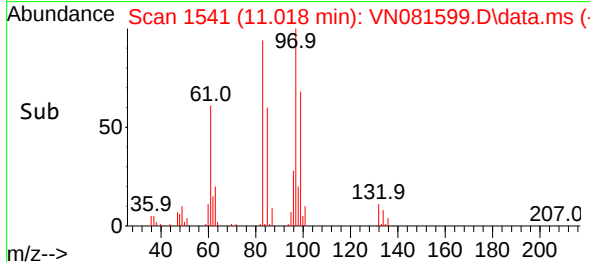
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



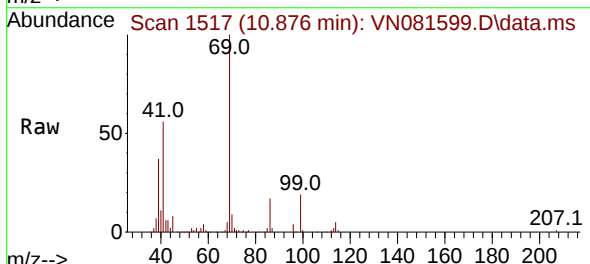
Tgt Ion: 97 Resp: 89820
Ion Ratio Lower Upper
97 100
83 94.2 72.9 109.3
85 60.3 50.2 75.2
99 68.1 49.6 74.4

Manual Integrations
APPROVED

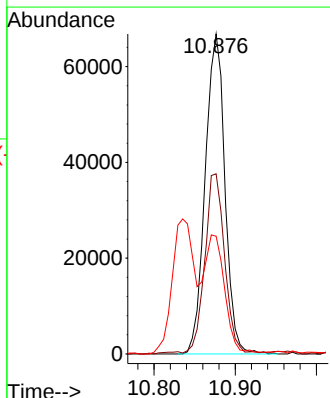
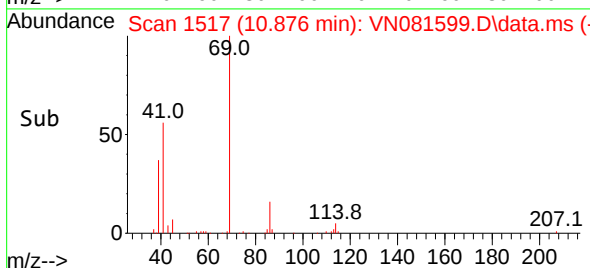
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

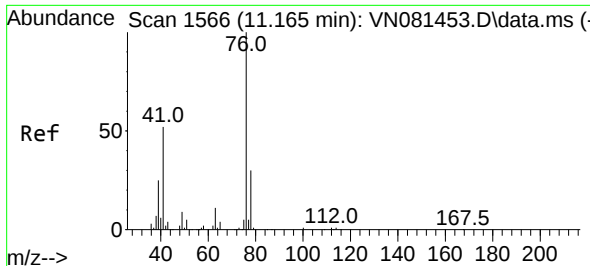


#56
Ethyl methacrylate
Concen: 18.566 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion: 69 Resp: 112624
Ion Ratio Lower Upper
69 100
41 57.7 61.0 91.6#
39 34.3 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.013 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 76 Resp: 145680

Ion Ratio Lower Upper

76 100

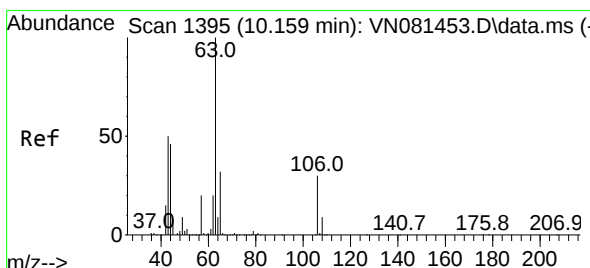
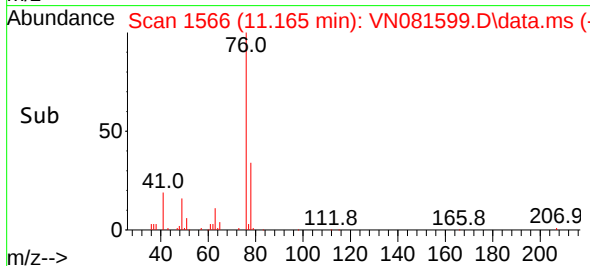
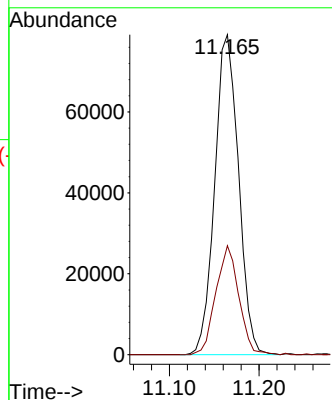
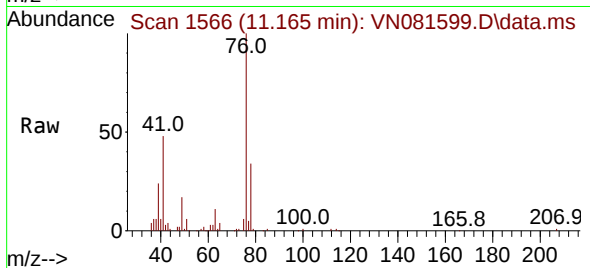
78 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 112.313 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081599.D

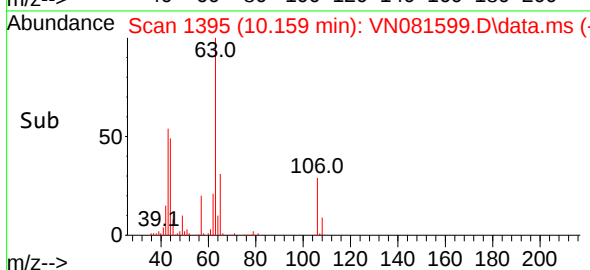
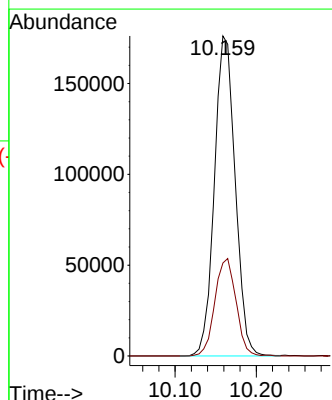
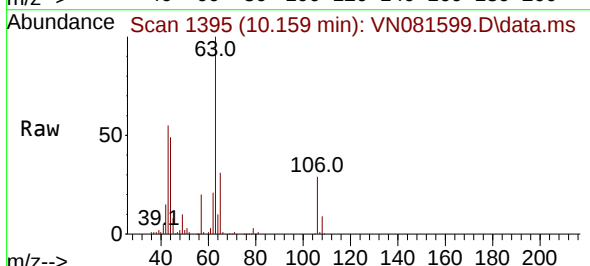
Acq: 28 Mar 2024 12:08

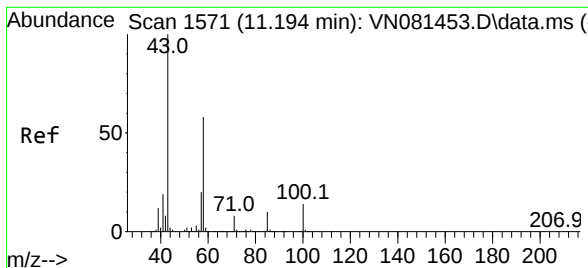
Tgt Ion: 63 Resp: 313801

Ion Ratio Lower Upper

63 100

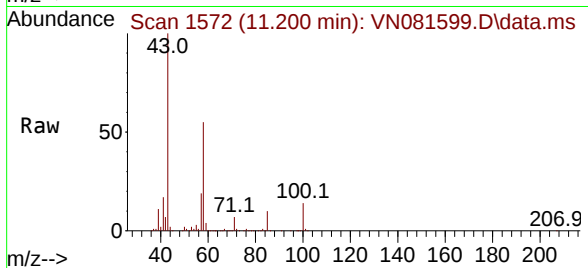
106 30.9 18.6 28.0#





#59
2-Hexanone
Concen: 91.010 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

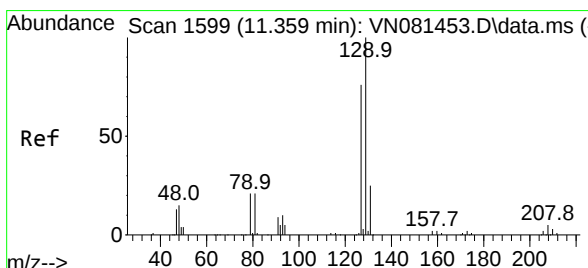
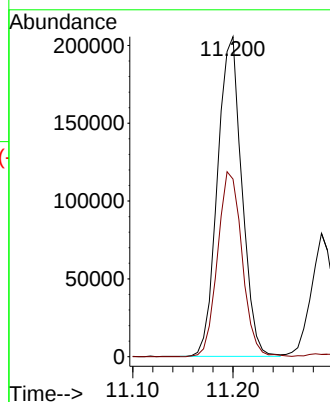
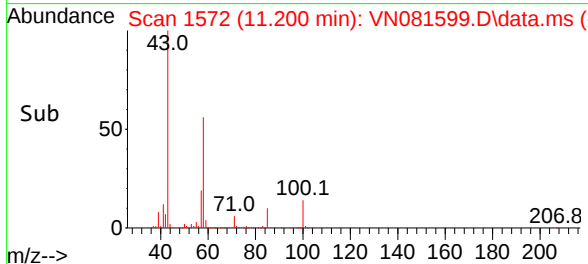
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 43 Resp: 34604
Ion Ratio Lower Upper
43 100
58 58.1 25.9 77.8

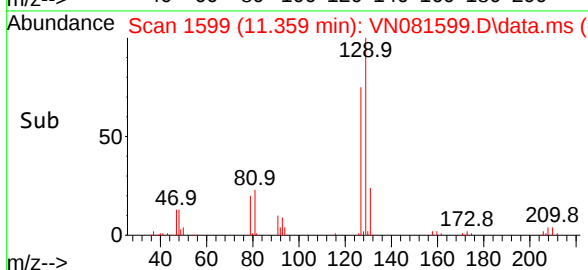
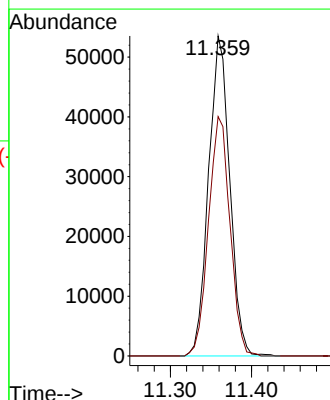
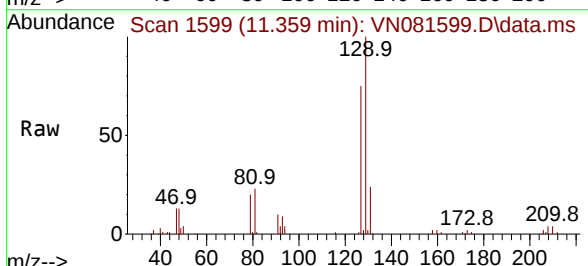
Manual Integrations
APPROVED

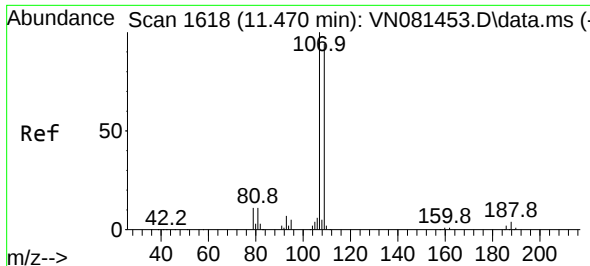
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
Dibromochloromethane
Concen: 19.849 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

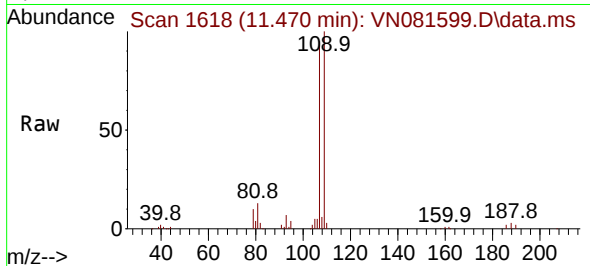
Tgt Ion:129 Resp: 96930
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.610 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

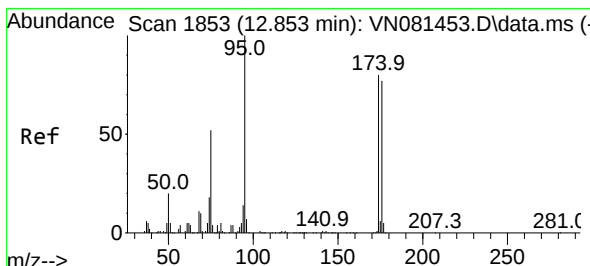
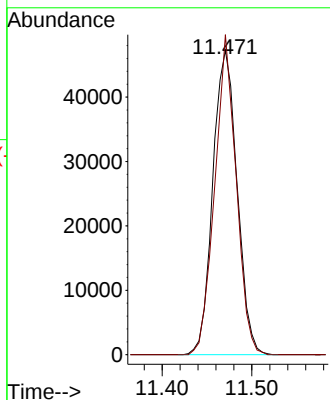
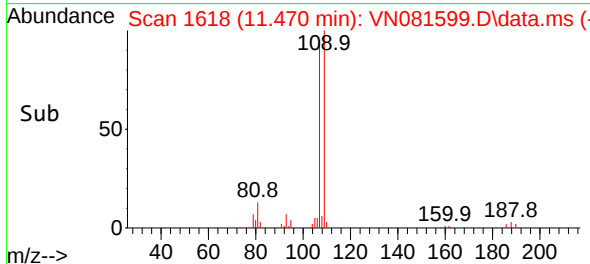
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:107 Resp: 8877
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2

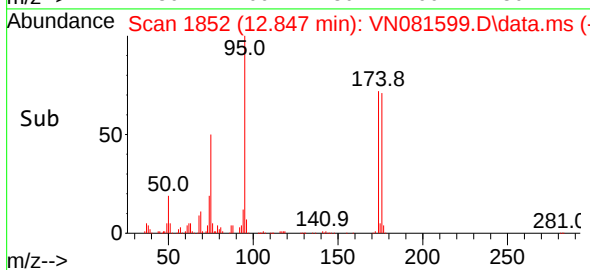
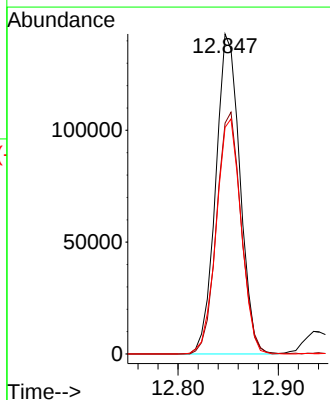
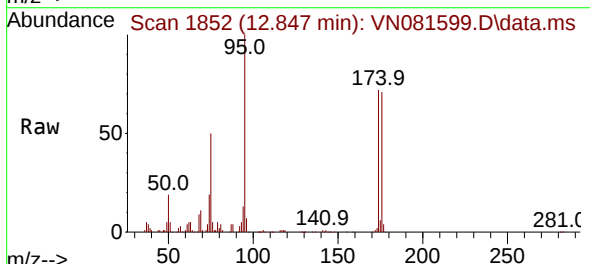
Manual Integrations
APPROVED

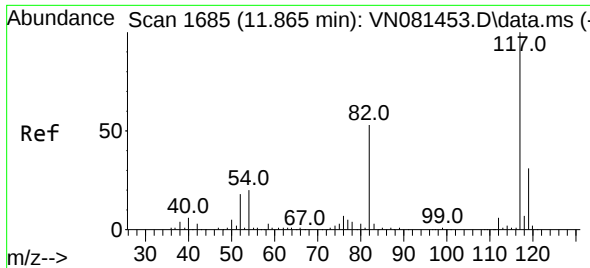
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
4-Bromofluorobenzene
Concen: 53.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

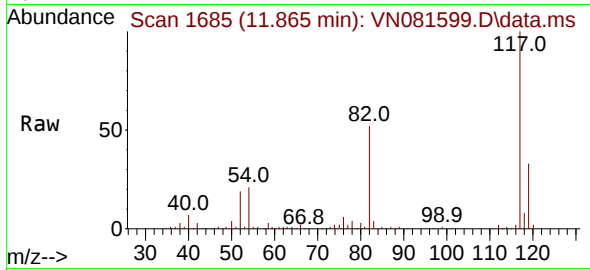
Tgt Ion: 95 Resp: 239430
Ion Ratio Lower Upper
95 100
174 76.5 0.0 120.4
176 75.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

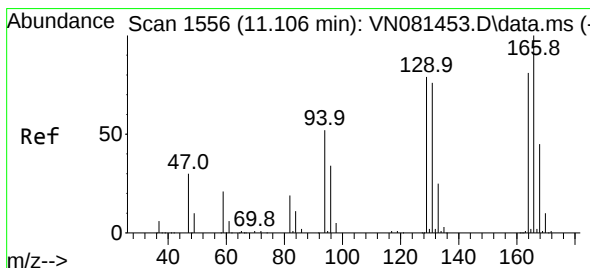
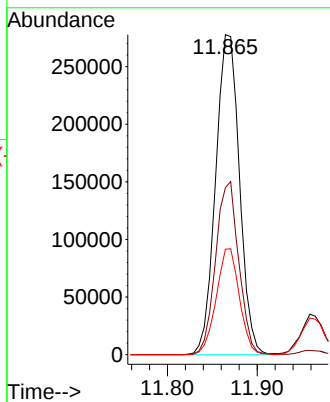
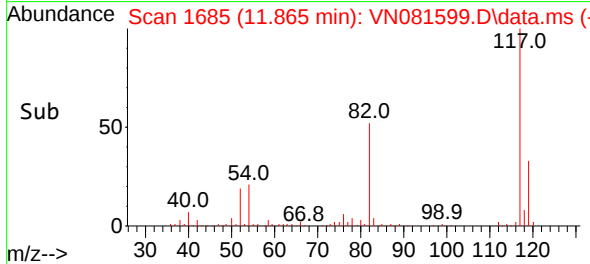
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:117 Resp: 51280
Ion Ratio Lower Upper
117 100
82 52.2 52.7 79.1
119 33.0 25.3 37.9

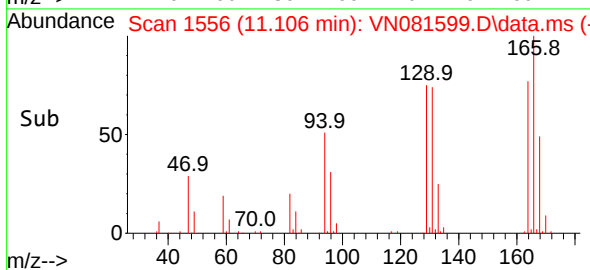
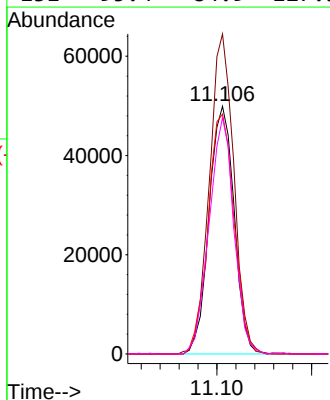
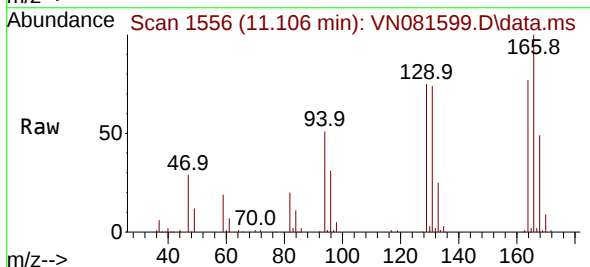
Manual Integrations
APPROVED

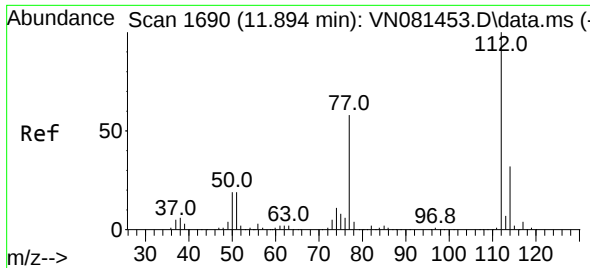
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Tetrachloroethene
Concen: 18.714 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

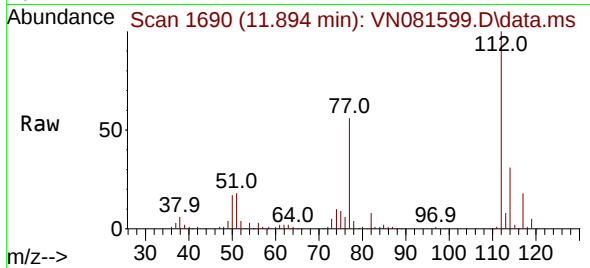
Tgt Ion:164 Resp: 91732
Ion Ratio Lower Upper
164 100
166 129.2 105.8 158.6
129 96.9 89.6 134.4
131 95.4 84.9 127.3





#65
Chlorobenzene
Concen: 18.663 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

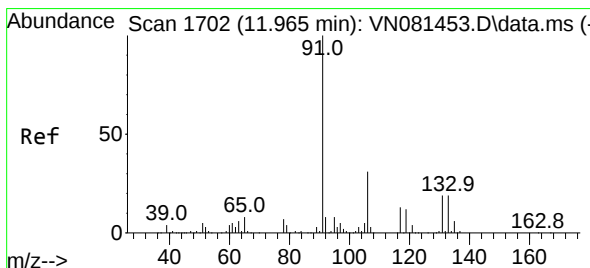
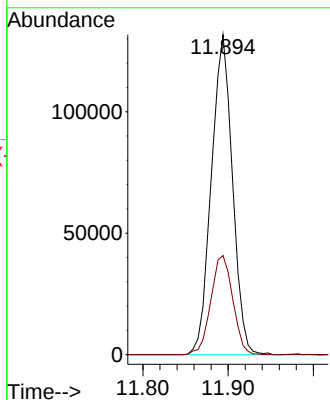
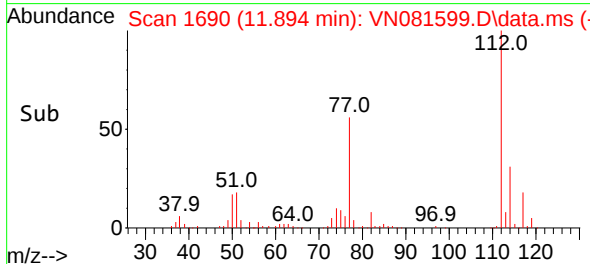
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:112 Resp: 226240
Ion Ratio Lower Upper
112 100
114 31.0 23.7 35.5

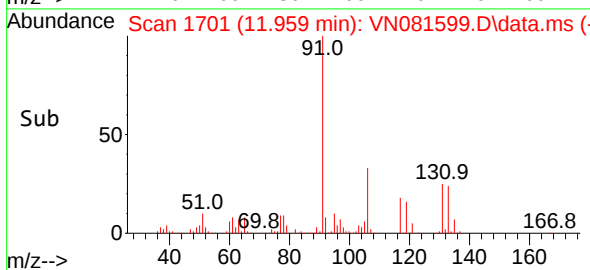
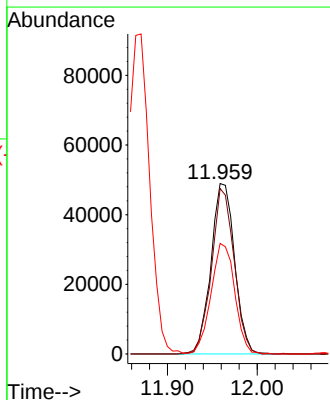
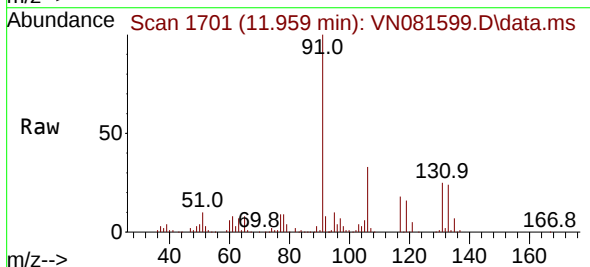
Manual Integrations
APPROVED

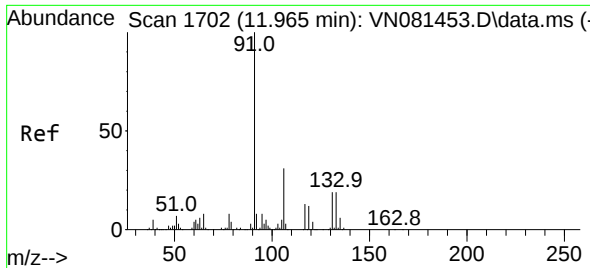
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.921 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

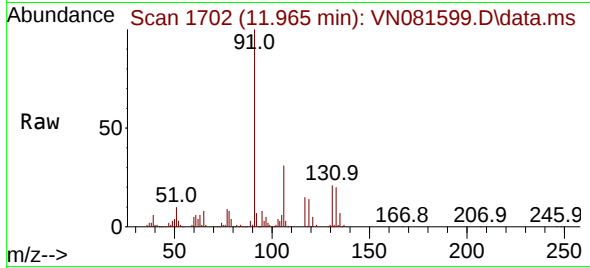
Tgt Ion:131 Resp: 89505
Ion Ratio Lower Upper
131 100
133 93.4 46.8 140.3
119 65.1 34.6 103.9





#67
Ethyl Benzene
Concen: 18.151 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

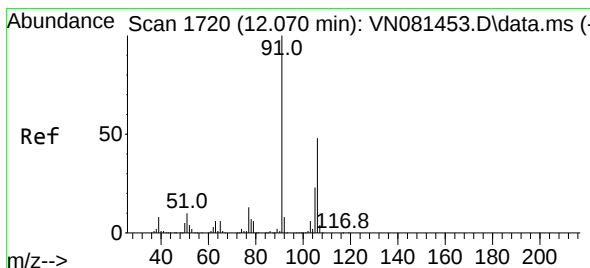
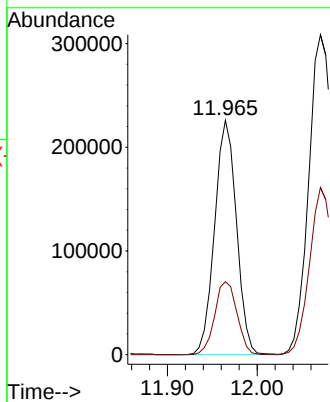
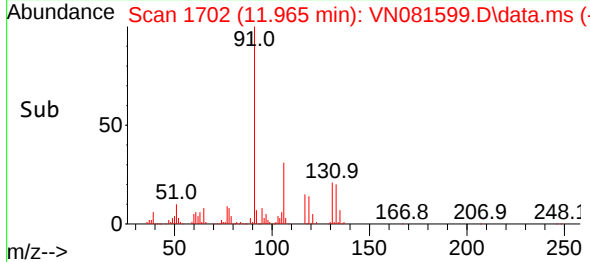
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



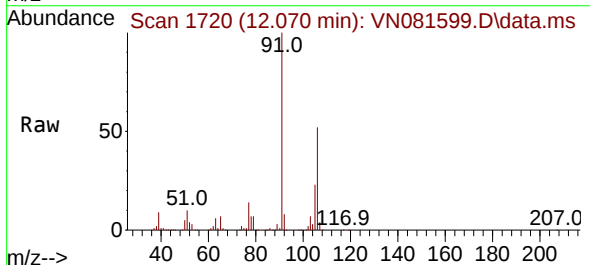
Tgt Ion: 91 Resp: 382234
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6

Manual Integrations
APPROVED

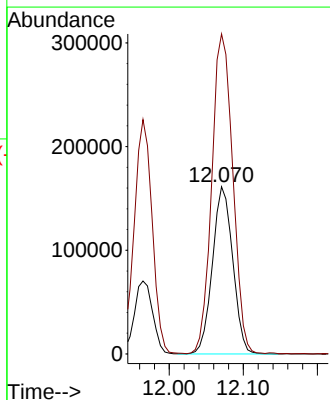
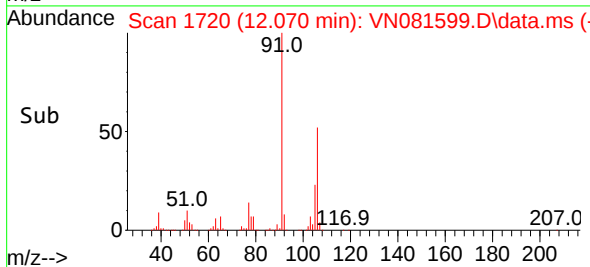
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

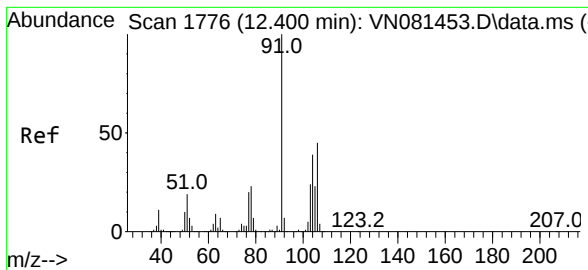


#68
m/p-Xylenes
Concen: 38.814 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion:106 Resp: 306407
Ion Ratio Lower Upper
106 100
91 197.8 169.0 253.6





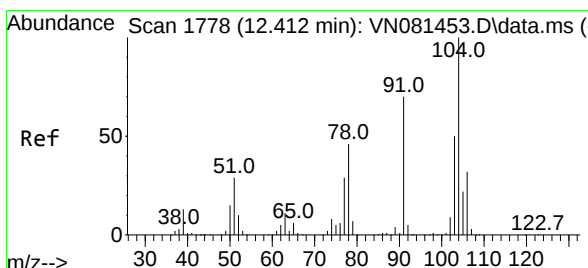
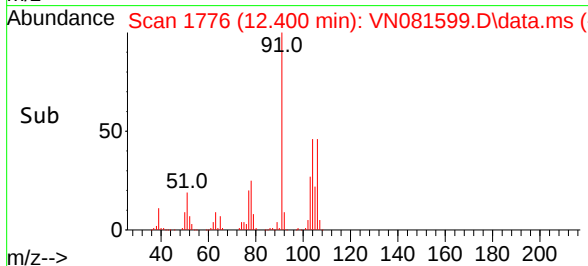
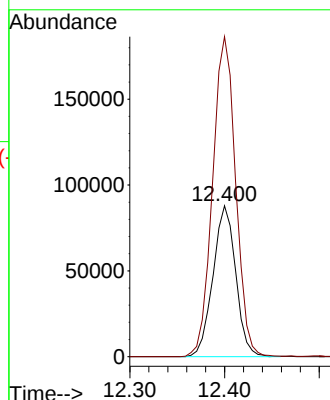
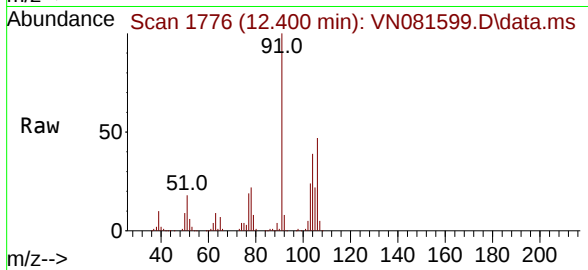
#69
o-Xylene
Concen: 18.914 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:106 Resp: 146588
Ion Ratio Lower Upper
106 100
91 215.2 112.1 336.3

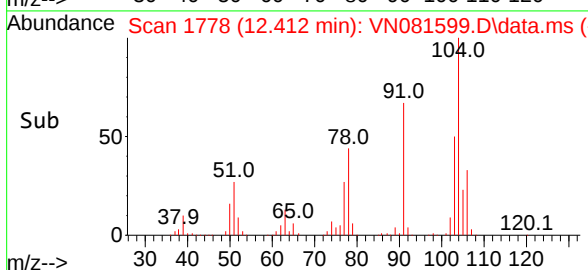
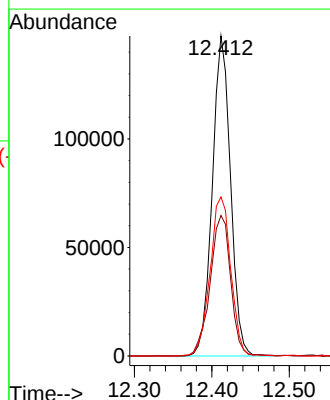
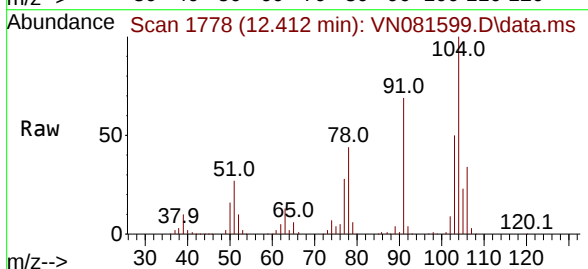
Manual Integrations
APPROVED

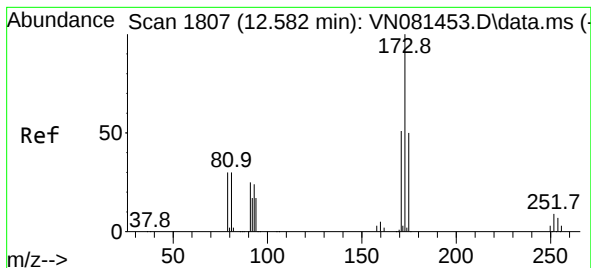
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#70
Styrene
Concen: 19.271 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion:104 Resp: 240880
Ion Ratio Lower Upper
104 100
78 49.6 43.8 65.8
103 56.4 44.2 66.2





#71

Bromoform

Concen: 18.565 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

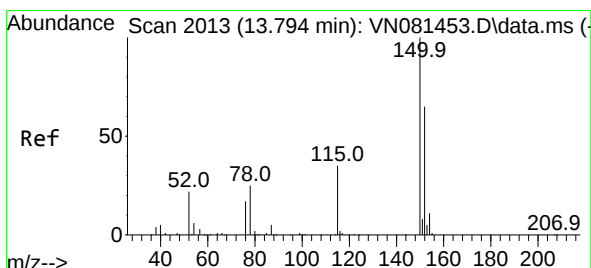
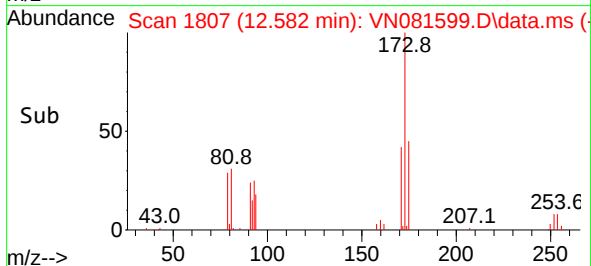
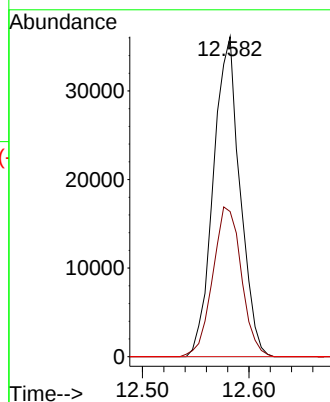
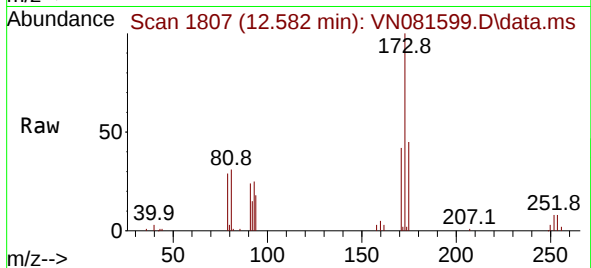
Tgt Ion:173 Resp: 62682
 Ion Ratio Lower Upper
 173 100
 175 50.5 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

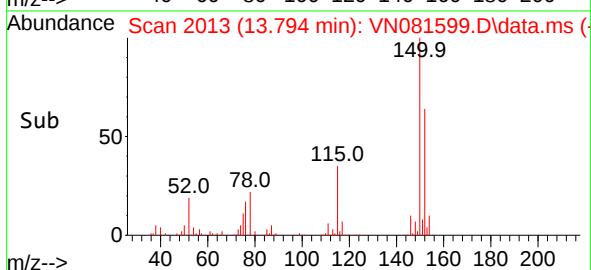
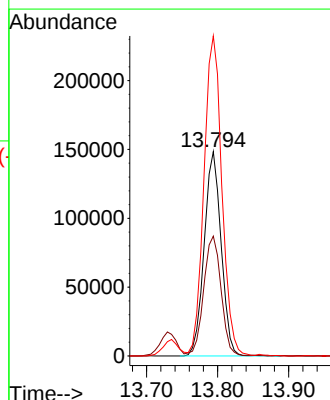
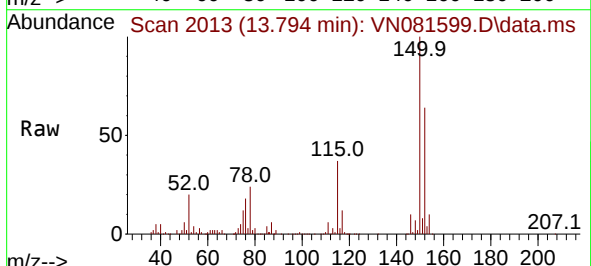
RT: 13.794 min Scan# 2013

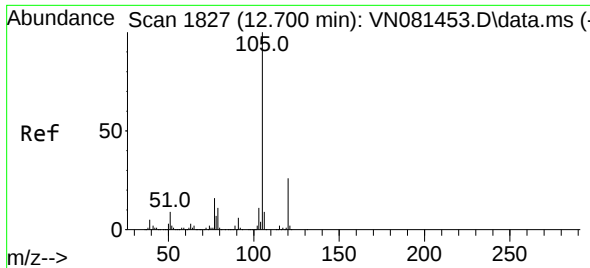
Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

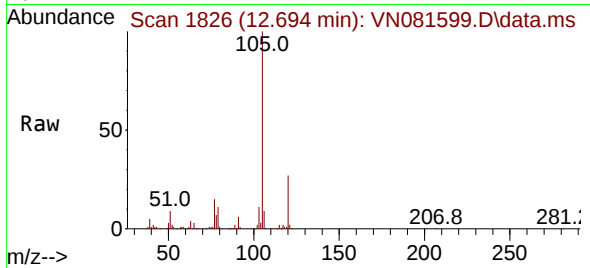
Tgt Ion:152 Resp: 246714
 Ion Ratio Lower Upper
 152 100
 115 59.8 32.3 96.8
 150 164.8 0.0 339.8





#73
Isopropylbenzene
Concen: 17.910 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

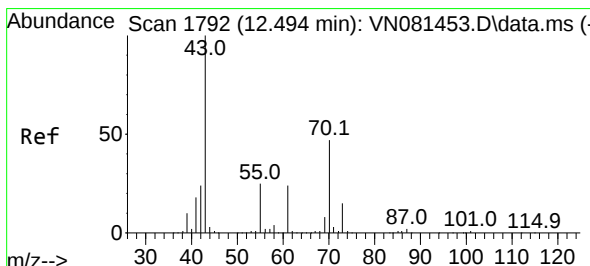
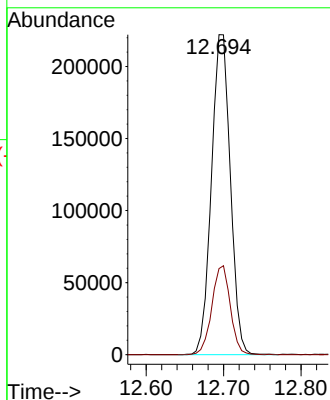
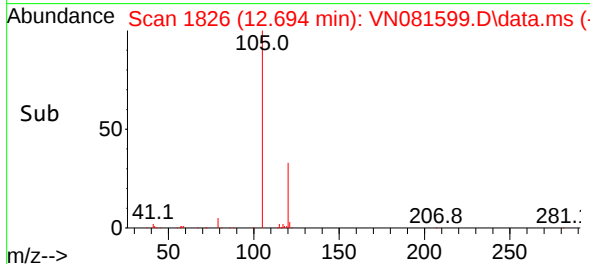
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:105 Resp: 37665
Ion Ratio Lower Upper
105 100
120 27.0 12.6 37.6

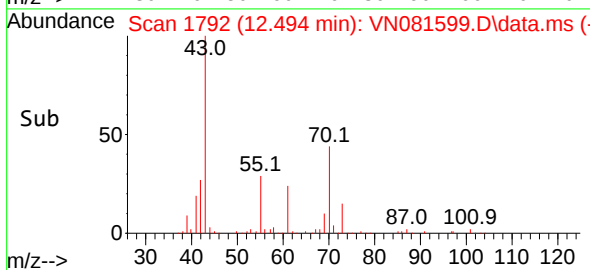
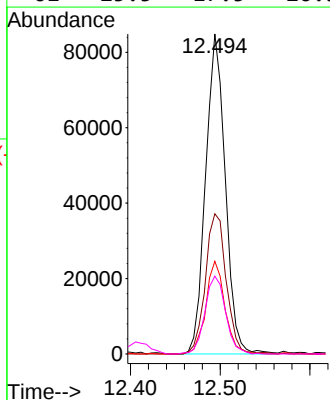
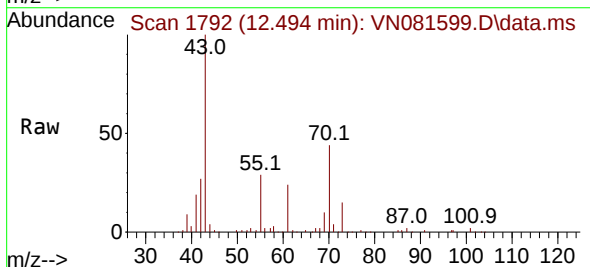
Manual Integrations
APPROVED

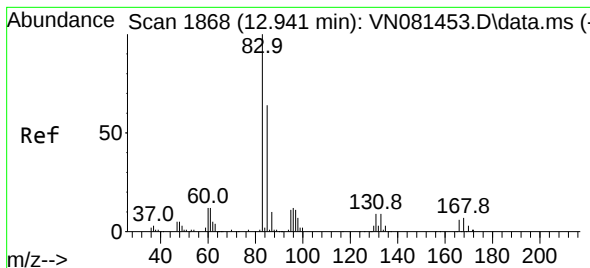
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#74
N-ethyl acetate
Concen: 16.988 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

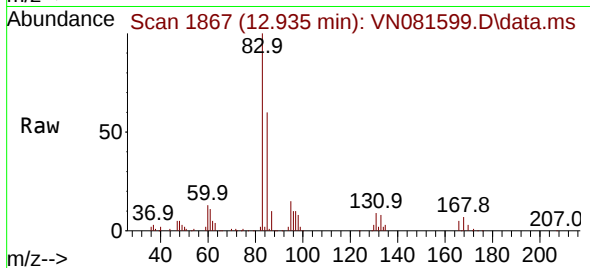
Tgt Ion: 43 Resp: 129291
Ion Ratio Lower Upper
43 100
70 46.6 30.1 45.1#
55 28.2 17.0 25.4#
61 25.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.813 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

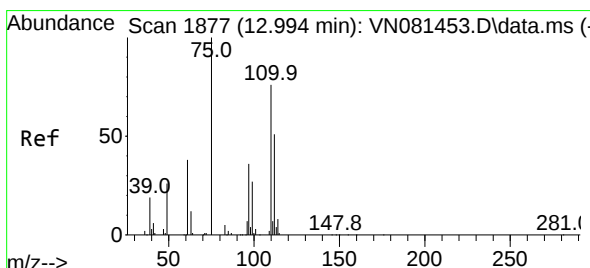
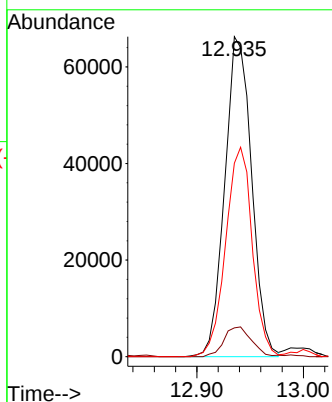
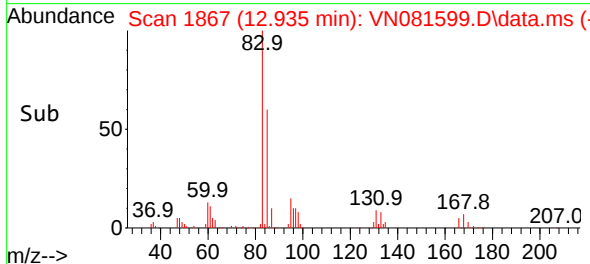
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 83 Resp: 116320
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 64.9 32.1 96.3

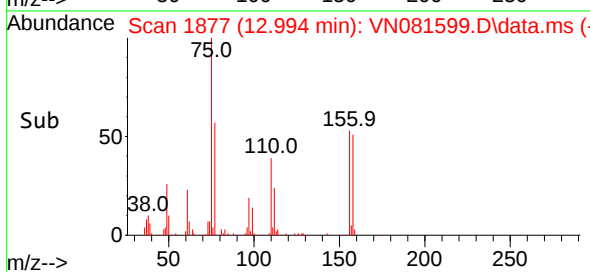
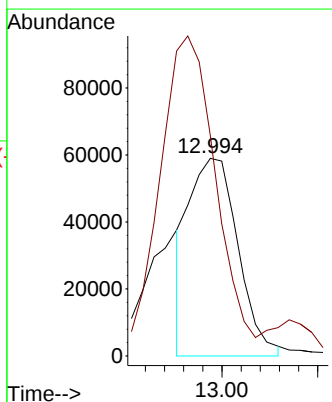
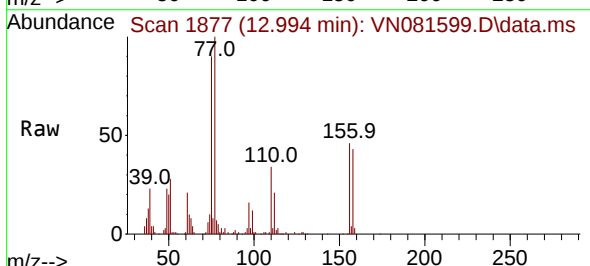
Manual Integrations
APPROVED

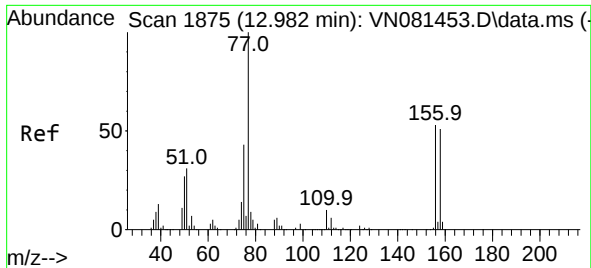
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,2,3-Trichloropropane
Concen: 17.790 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 75 Resp: 104986
Ion Ratio Lower Upper
75 100
77 186.3 91.0 272.8





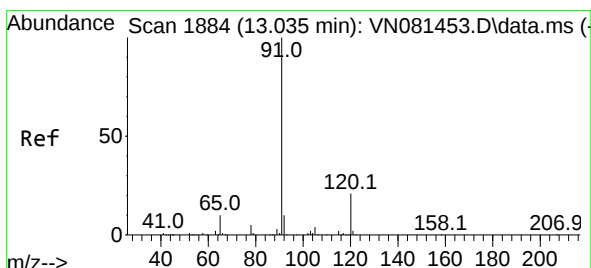
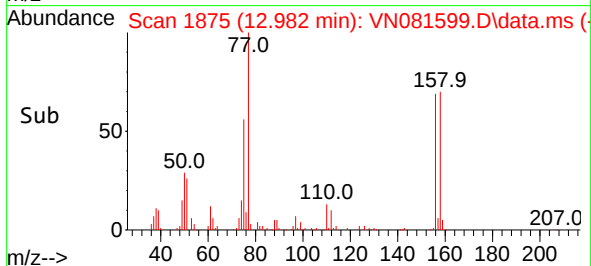
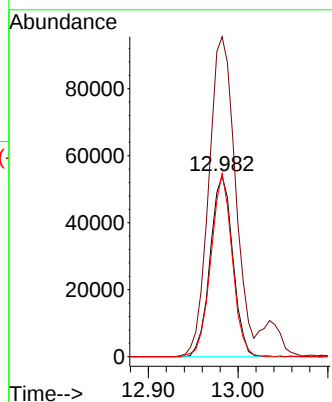
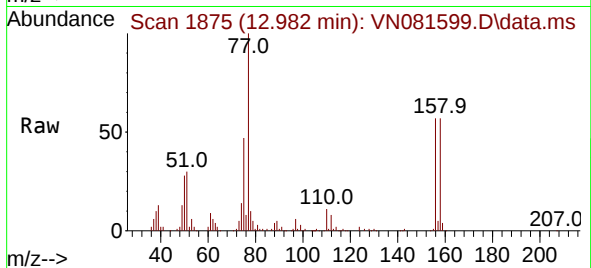
#77
Bromobenzene
Concen: 18.137 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion:156 Resp: 9422
Ion Ratio Lower Upper
156 100
77 207.6 138.1 414.3
158 95.2 46.5 139.5

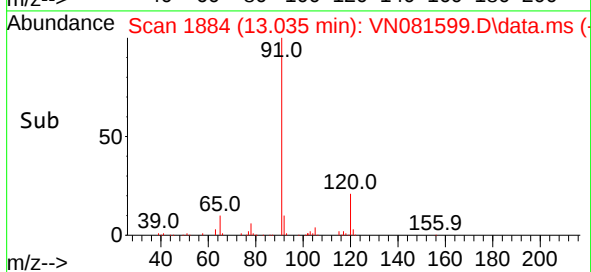
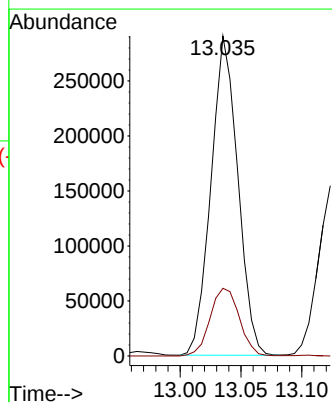
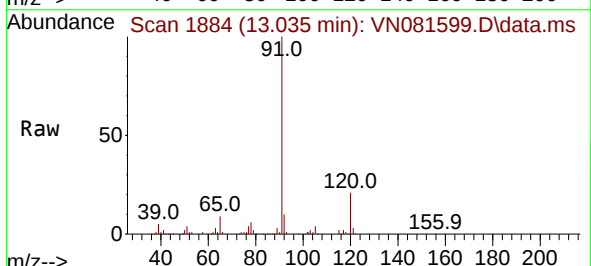
Manual Integrations
APPROVED

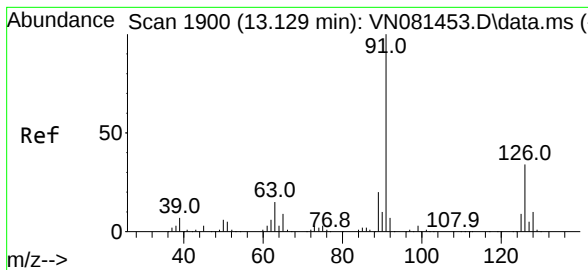
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
n-propylbenzene
Concen: 17.941 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Tgt Ion: 91 Resp: 445581
Ion Ratio Lower Upper
91 100
120 23.1 10.3 30.9





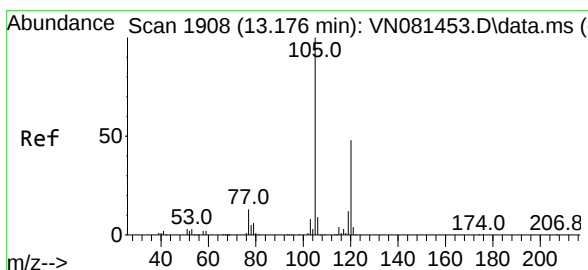
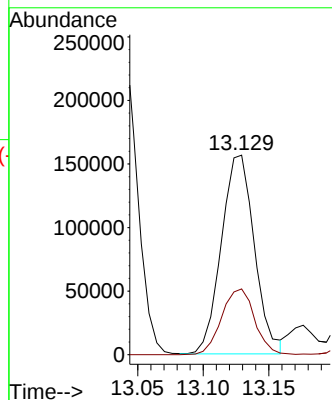
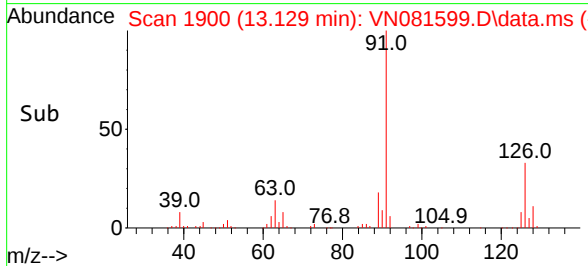
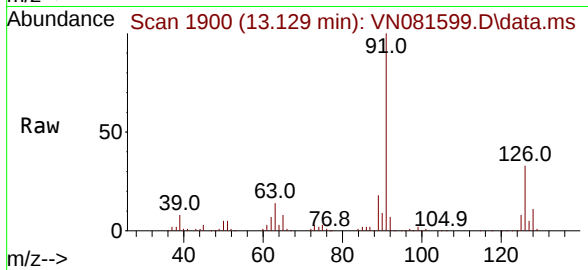
#79
2-Chlorotoluene
Concen: 18.497 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

Tgt Ion: 91 Resp: 274940
Ion Ratio Lower Upper
91 100
126 33.0 14.8 44.4

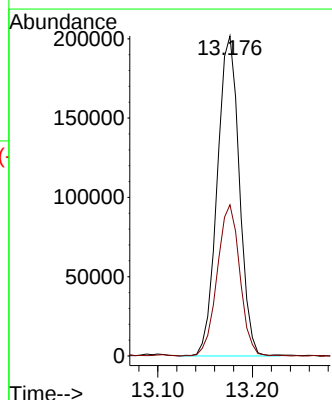
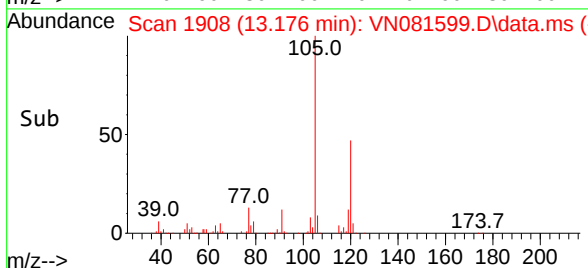
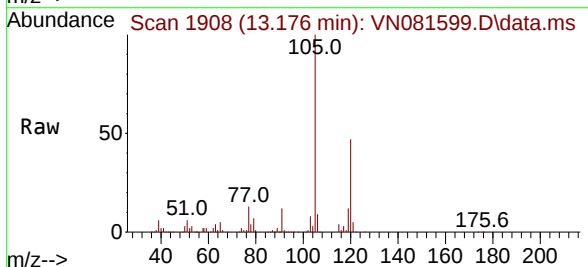
Manual Integrations
APPROVED

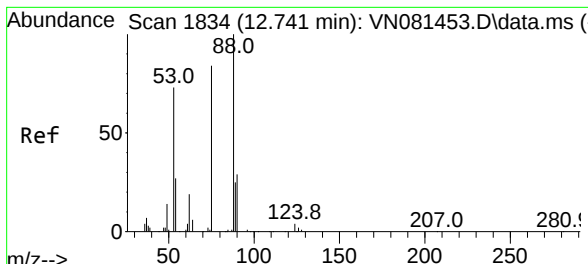
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.801 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

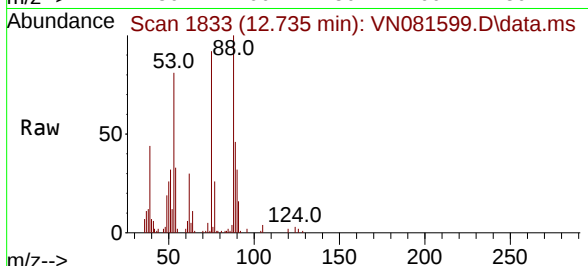
Tgt Ion:105 Resp: 326573
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.344 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

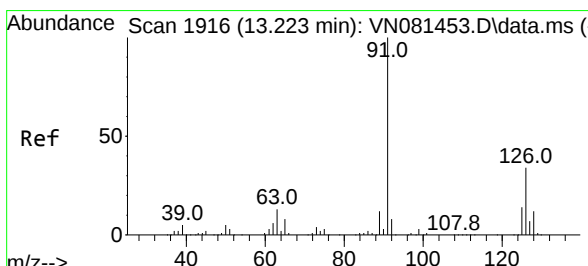
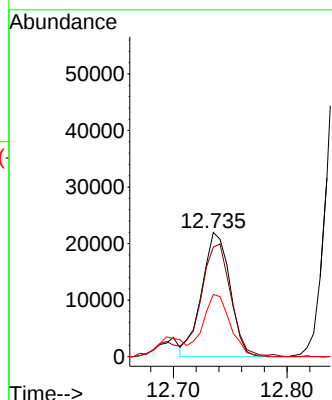
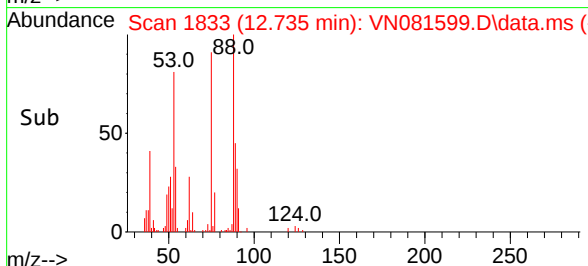
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion: 75 Resp: 37870
Ion Ratio Lower Upper
75 100
53 95.4 71.4 107.2
89 48.5 33.4 50.0

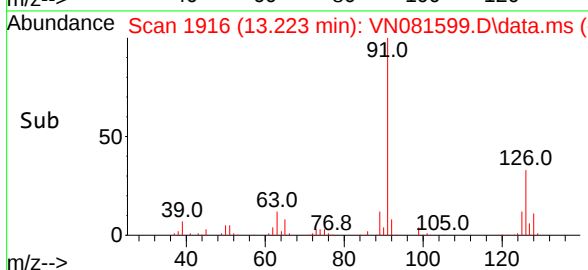
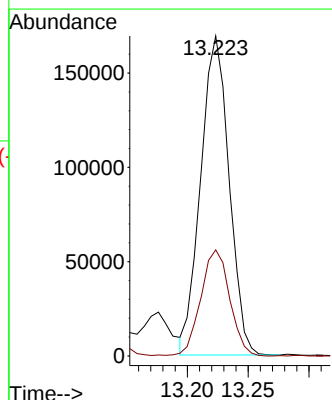
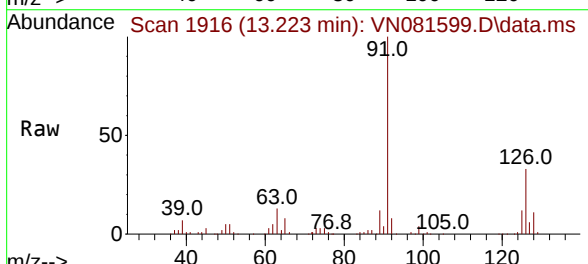
Manual Integrations
APPROVED

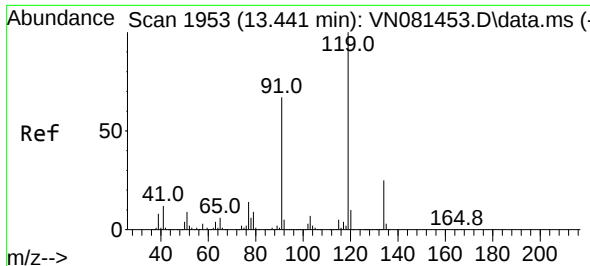
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#82
4-Chlorotoluene
Concen: 18.746 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

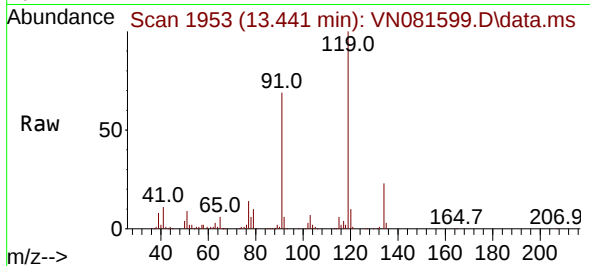
Tgt Ion: 91 Resp: 274720
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.242 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

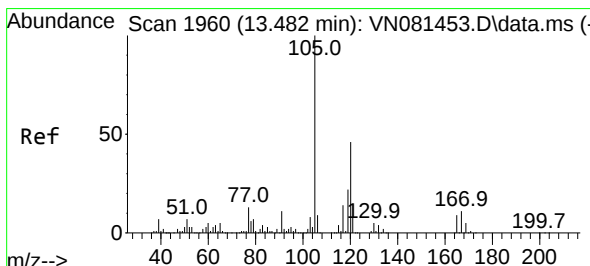
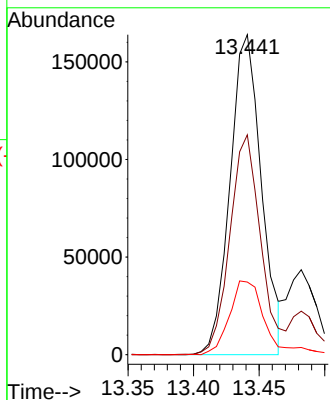
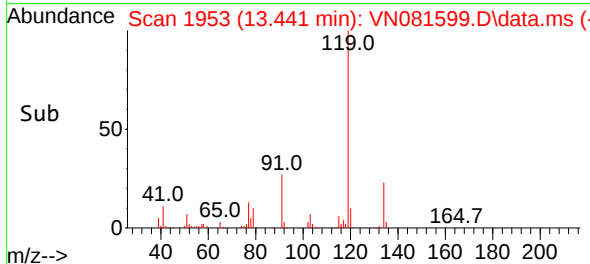
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



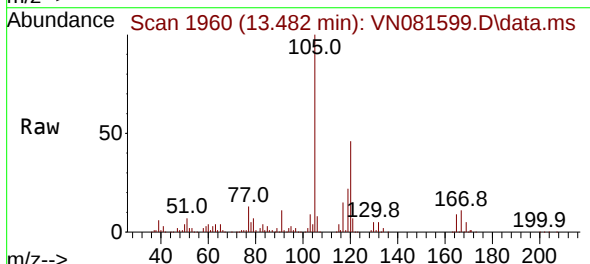
Tgt Ion:119 Resp: 273249
Ion Ratio Lower Upper
119 100
91 68.0 36.8 110.4
134 26.1 12.4 37.4

Manual Integrations
APPROVED

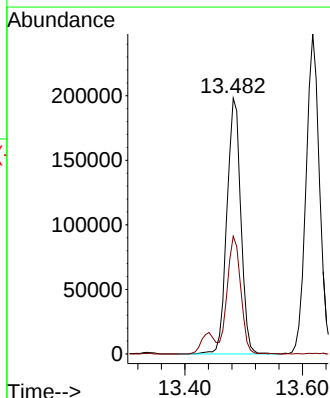
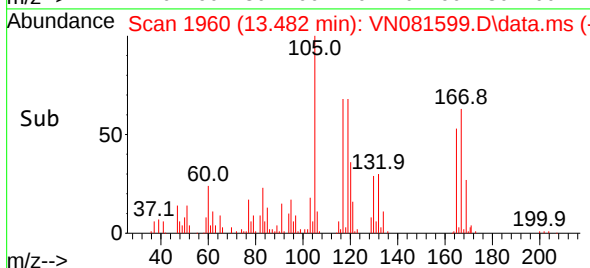
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

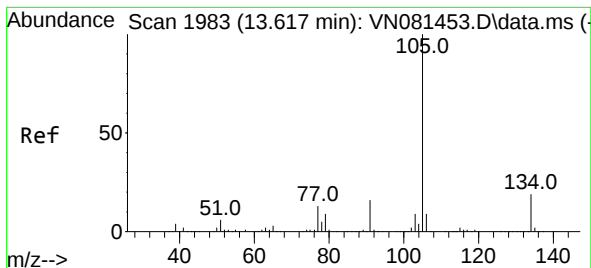


#84
1,2,4-Trimethylbenzene
Concen: 18.641 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion:105 Resp: 325430
Ion Ratio Lower Upper
105 100
120 45.3 20.9 62.7





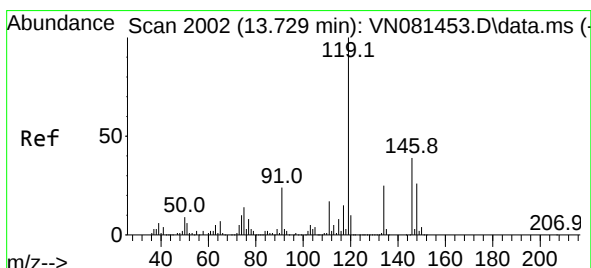
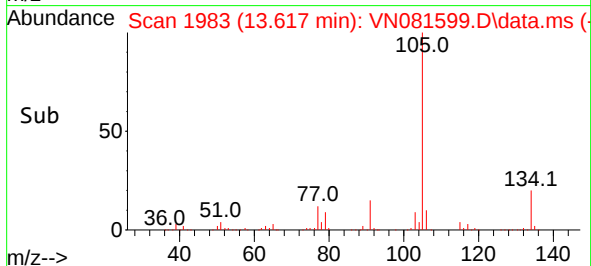
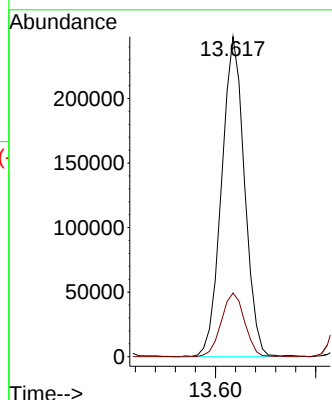
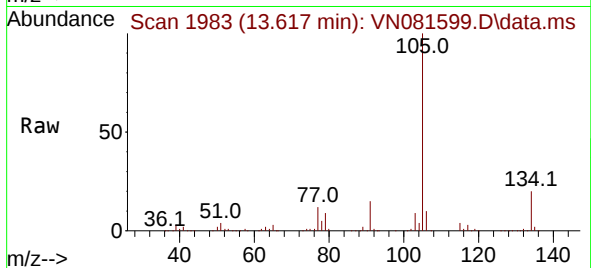
#85
 sec-Butylbenzene
 Concen: 18.361 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Tgt Ion:105 Resp: 393150
 Ion Ratio Lower Upper
 105 100
 134 20.3 8.6 25.8

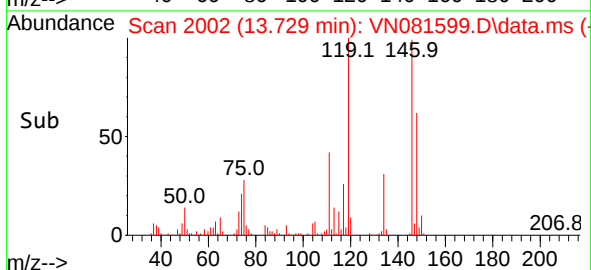
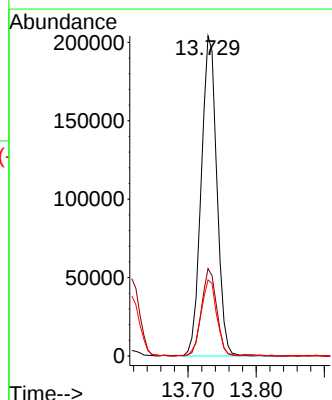
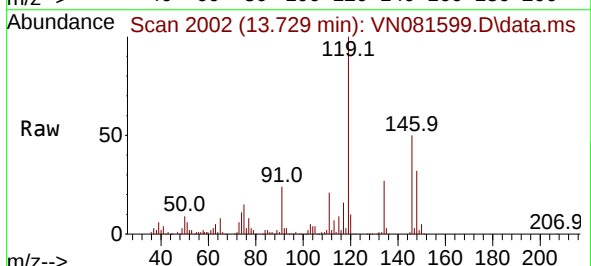
Manual Integrations
 APPROVED

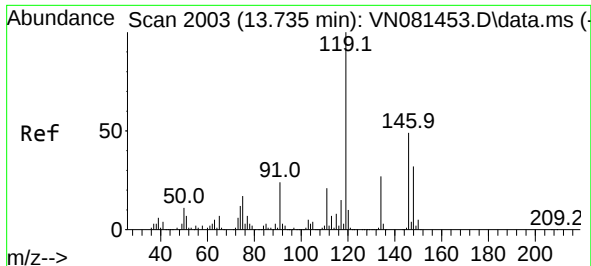
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#86
 p-Isopropyltoluene
 Concen: 18.599 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

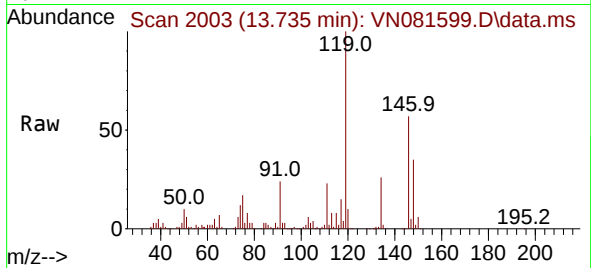
Tgt Ion:119 Resp: 325546
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.4 37.2
 91 23.9 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 19.217 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

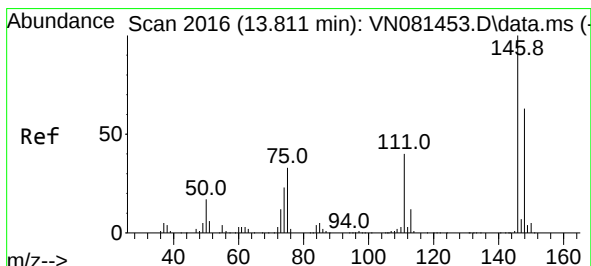
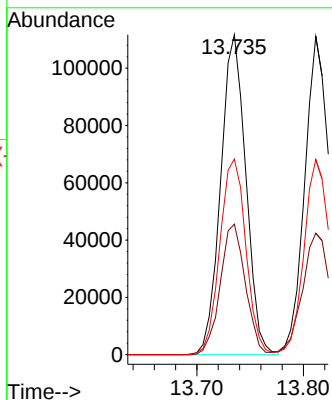
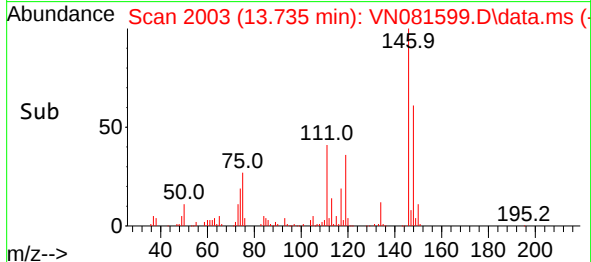
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



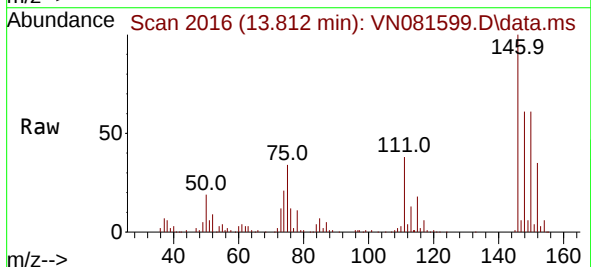
Tgt Ion:146 Resp: 18342
 Ion Ratio Lower Upper
 146 100
 111 40.8 23.9 71.7
 148 63.1 32.6 97.7

Manual Integrations
 APPROVED

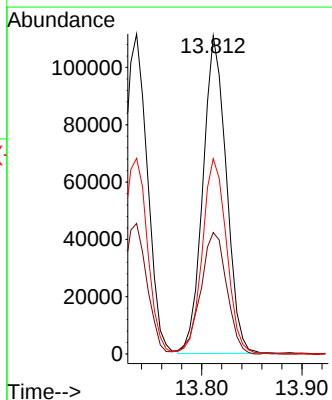
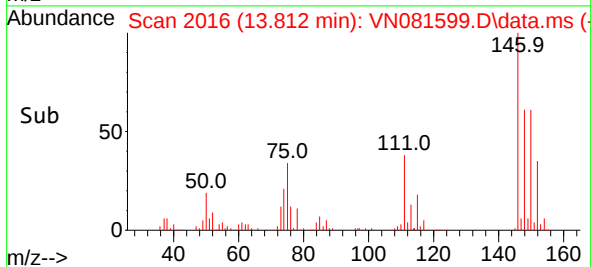
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024

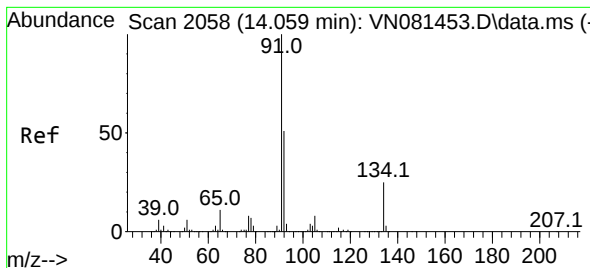


#88
 1,4-Dichlorobenzene
 Concen: 18.208 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08



Tgt Ion:146 Resp: 179951
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.6 67.7
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 17.645 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 91 Resp: 273872

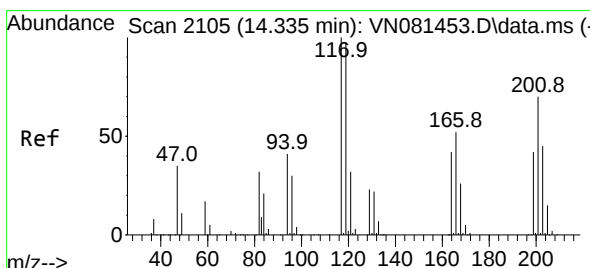
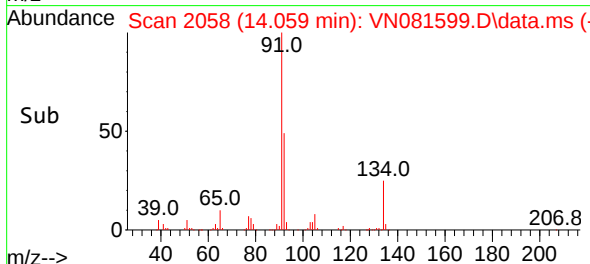
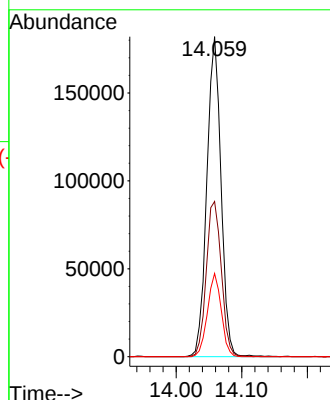
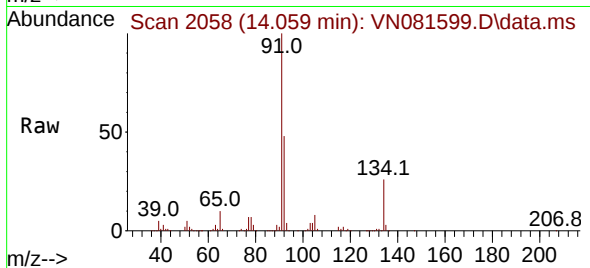
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.7	80.1
134	25.3	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#90

Hexachloroethane

Concen: 18.315 ug/l

RT: 14.335 min Scan# 2105

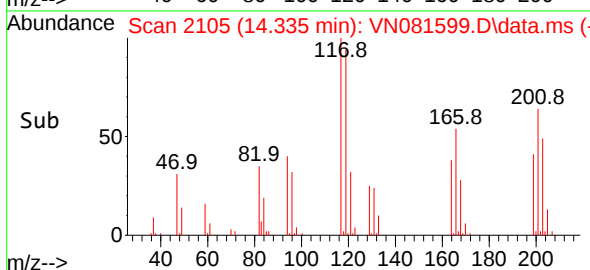
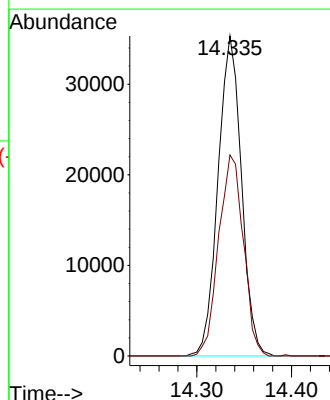
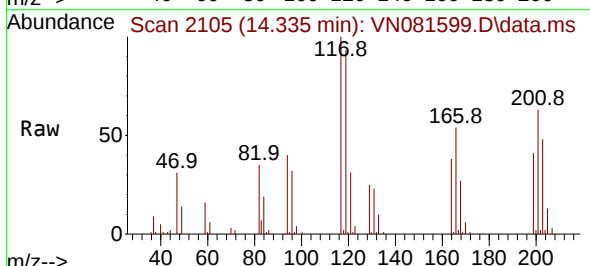
Delta R.T. 0.000 min

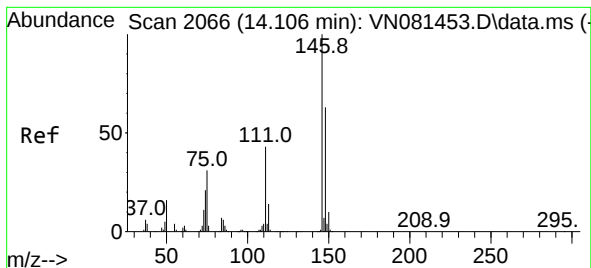
Lab File: VN081599.D

Acq: 28 Mar 2024 12:08

Tgt Ion:117 Resp: 60713

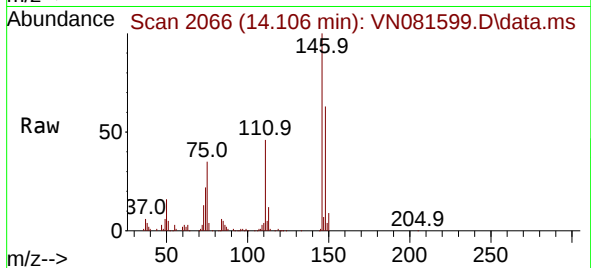
Ion	Ratio	Lower	Upper
117	100		
201	66.3	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 18.943 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

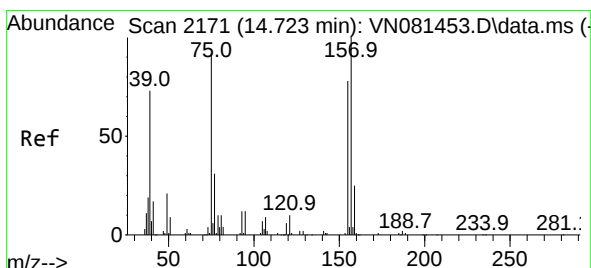
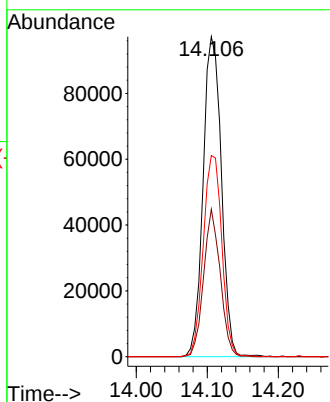
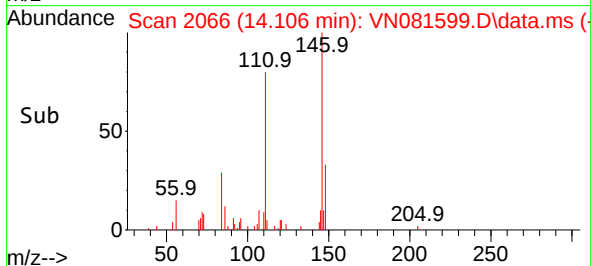
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



Tgt Ion:146 Resp: 174020
Ion Ratio Lower Upper
146 100
111 41.9 23.9 71.8
148 64.0 31.4 94.0

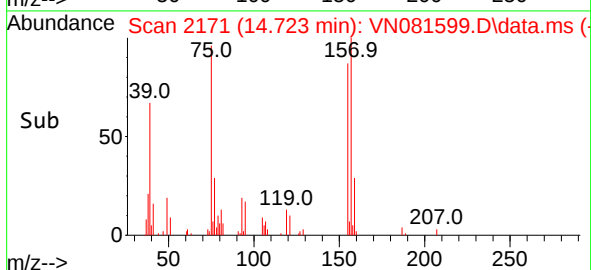
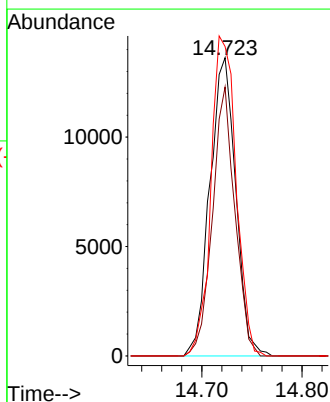
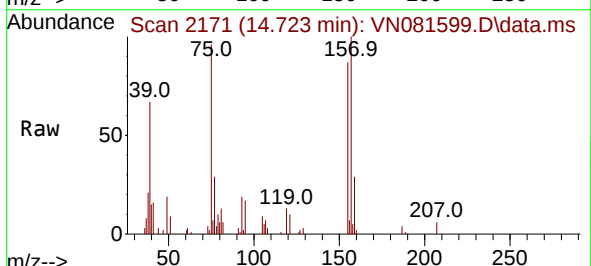
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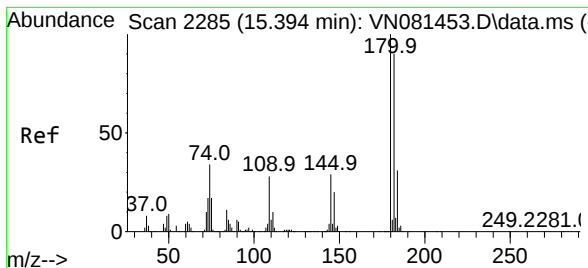
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.563 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

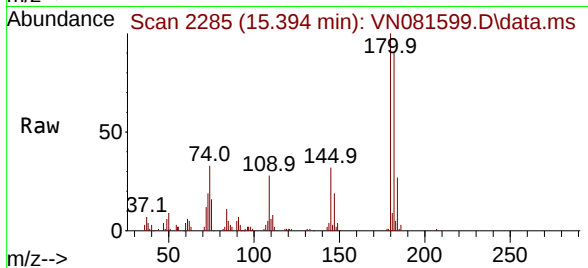
Tgt Ion: 75 Resp: 24427
Ion Ratio Lower Upper
75 100
155 78.4 31.8 95.4
157 103.9 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 16.887 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

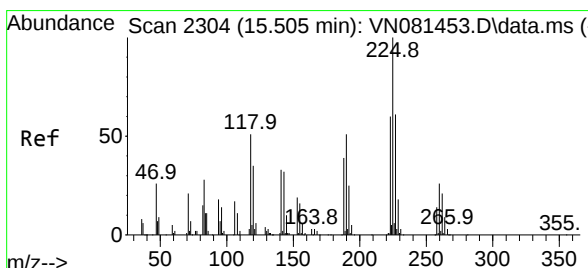
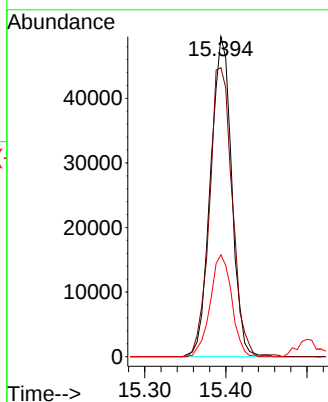
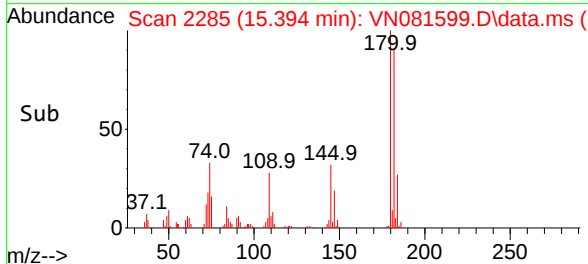
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01



Tgt Ion:180 Resp: 8970
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.6 139.7
 145 32.5 16.8 50.3

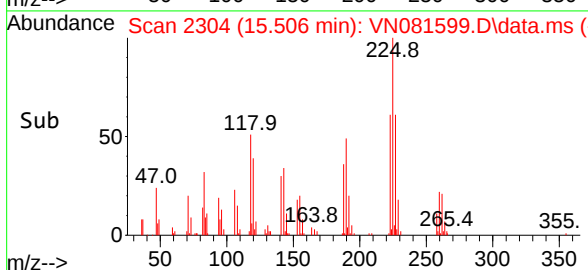
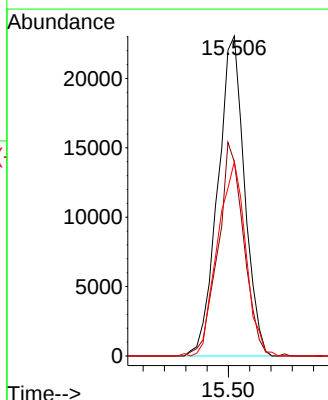
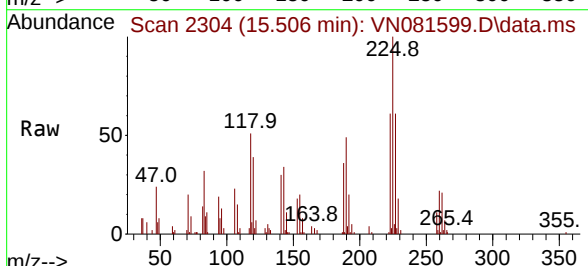
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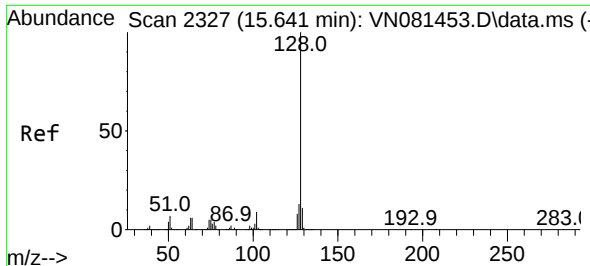
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#94
 Hexachlorobutadiene
 Concen: 17.179 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081599.D
 Acq: 28 Mar 2024 12:08

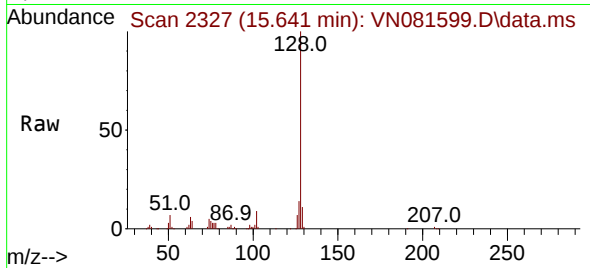
Tgt Ion:225 Resp: 40039
 Ion Ratio Lower Upper
 225 100
 223 64.2 33.3 99.8
 227 64.1 33.1 99.2





#95
Naphthalene
Concen: 17.085 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08

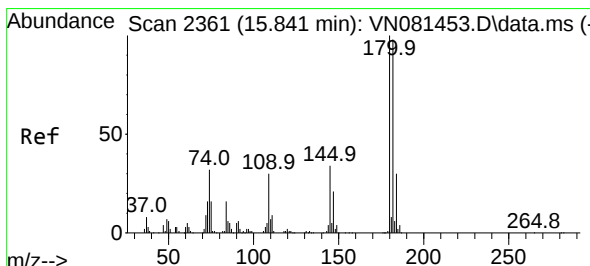
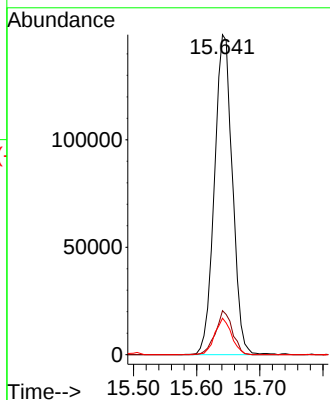
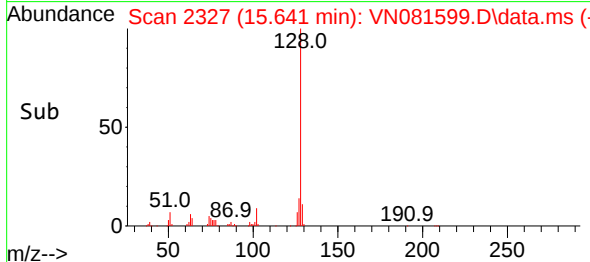
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01



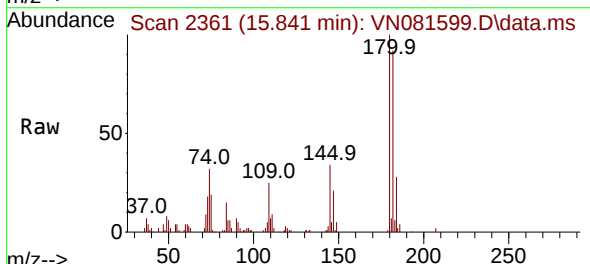
Tgt Ion:128 Resp: 294064
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.561 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081599.D
Acq: 28 Mar 2024 12:08



Tgt Ion:180 Resp: 93828
Ion Ratio Lower Upper
180 100
182 91.9 46.5 139.3
145 35.3 17.8 53.4

