

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081454.D
 Acq On : 18 Mar 2024 16:51
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 19 05:43:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	445921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	749761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	672392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	312506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110007	19.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.680%#		
35) Dibromofluoromethane	8.165	113	92274	19.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.000%#		
50) Toluene-d8	10.571	98	337098	19.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.420%#		
62) 4-Bromofluorobenzene	12.853	95	119531	19.832	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	39.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	116444	19.393	ug/l	97
3) Chloromethane	2.359	50	116976	19.567	ug/l	99
4) Vinyl Chloride	2.512	62	131224	19.559	ug/l	93
5) Bromomethane	2.948	94	93056	19.612	ug/l	89
6) Chloroethane	3.112	64	84679	18.383	ug/l	100
7) Trichlorofluoromethane	3.501	101	197327	19.735	ug/l	91
8) Diethyl Ether	3.959	74	63938	19.322	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	108798	19.150	ug/l #	88
10) Methyl Iodide	4.589	142	108490	19.175	ug/l	94
11) Tert butyl alcohol	5.518	59	99499	100.402	ug/l	99
12) 1,1-Dichloroethene	4.342	96	100991	19.190	ug/l	85
13) Acrolein	4.177	56	87080	97.925	ug/l	95
14) Allyl chloride	5.018	41	128918	19.550	ug/l #	84
15) Acrylonitrile	5.724	53	263143	99.255	ug/l	98
16) Acetone	4.424	43	169021	91.969	ug/l	99
17) Carbon Disulfide	4.712	76	286208	18.952	ug/l	98
18) Methyl Acetate	5.024	43	98998	17.473	ug/l #	82
19) Methyl tert-butyl Ether	5.789	73	331242	20.112	ug/l	96
20) Methylene Chloride	5.277	84	114603	19.037	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	110397	18.814	ug/l	88
22) Diisopropyl ether	6.671	45	311694	20.343	ug/l #	91
23) Vinyl Acetate	6.600	43	1251845	102.643	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	196042	19.103	ug/l	96
25) 2-Butanone	7.483	43	305270	96.843	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	176049	19.779	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	130410	19.643	ug/l	85
28) Bromochloromethane	7.812	49	76641	18.335	ug/l #	54
29) Tetrahydrofuran	7.841	42	208127	98.010	ug/l #	78
30) Chloroform	7.965	83	212411	19.334	ug/l	98
31) Cyclohexane	8.259	56	179968	19.448	ug/l #	76
32) 1,1,1-Trichloroethane	8.165	97	192231	19.286	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	156412	19.642	ug/l	97
37) Ethyl Acetate	7.559	43	140559	20.614	ug/l	96
38) Carbon Tetrachloride	8.365	117	171593	19.671	ug/l	93
39) Methylcyclohexane	9.600	83	179236	20.156	ug/l #	88
40) Benzene	8.606	78	465362	19.989	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	74888	20.768	ug/l	92
42) 1,2-Dichloroethane	8.671	62	161709	19.738	ug/l	99
43) Isopropyl Acetate	8.688	43	226582	20.047	ug/l #	94
44) Trichloroethene	9.353	130	126400	19.305	ug/l	90
45) 1,2-Dichloropropane	9.624	63	112490	19.938	ug/l	98
46) Dibromomethane	9.712	93	83238	19.427	ug/l #	86
47) Bromodichloromethane	9.888	83	163675	19.538	ug/l #	99
48) Methyl methacrylate	9.682	41	106428	20.415	ug/l #	86
49) 1,4-Dioxane	9.694	88	51598	411.852	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	687749	99.719	ug/l	91
52) Toluene	10.629	92	297917	20.134	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	176185	19.477	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	193267	19.927	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	119668	20.096	ug/l	90
56) Ethyl methacrylate	10.877	69	164911	20.151	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	196442	20.123	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	402584	107.443	ug/l #	85
59) 2-Hexanone	11.194	43	520478	102.072	ug/l	92
60) Dibromochloromethane	11.359	129	127406	19.454	ug/l	98
61) 1,2-Dibromoethane	11.471	107	122249	20.136	ug/l	99
64) Tetrachloroethene	11.106	164	125723	19.561	ug/l	90
65) Chlorobenzene	11.894	112	318986	20.068	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	121504	20.624	ug/l	97
67) Ethyl Benzene	11.965	91	561272	20.328	ug/l	97
68) m/p-Xylenes	12.071	106	425790	41.135	ug/l	97
69) o-Xylene	12.400	106	210931	20.757	ug/l	92
70) Styrene	12.412	104	340738	20.790	ug/l	96
71) Bromoform	12.576	173	88012	19.881	ug/l #	97
73) Isopropylbenzene	12.700	105	538474	20.214	ug/l	97
74) N-amyl acetate	12.494	43	191128	19.826	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	155383	19.839	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	145613m	19.524	ug/l	
77) Bromobenzene	12.982	156	128666	19.553	ug/l	72
78) n-propylbenzene	13.035	91	636966	20.248	ug/l	95
79) 2-Chlorotoluene	13.129	91	374601	19.896	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	459690	20.893	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	55081	19.912	ug/l	93
82) 4-Chlorotoluene	13.223	91	375774	20.243	ug/l	91
83) tert-Butylbenzene	13.441	119	383160	20.195	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	467932	21.160	ug/l	96
85) sec-Butylbenzene	13.618	105	551478	20.333	ug/l	94
86) p-Isopropyltoluene	13.735	119	467926	21.105	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	244441	20.218	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	246094	19.658	ug/l	96
89) n-Butylbenzene	14.059	91	396392	20.162	ug/l	97
90) Hexachloroethane	14.341	117	81960	19.519	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	232568	19.986	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33316	19.988	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	131699	19.573	ug/l	98
94) Hexachlorobutadiene	15.506	225	57541	19.491	ug/l	92
95) Naphthalene	15.647	128	437946	20.087	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	131412	19.417	ug/l	98

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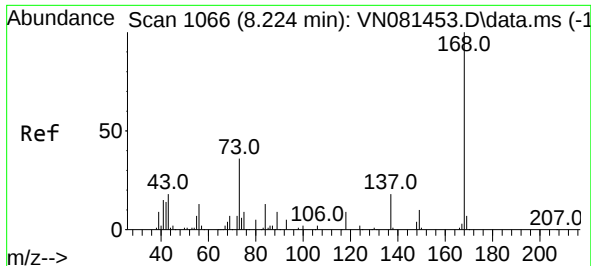
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/19/2024

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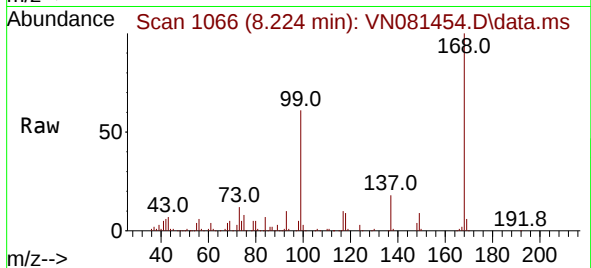
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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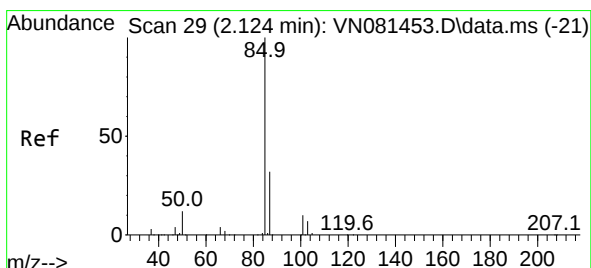
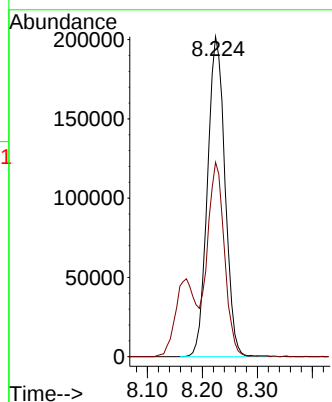
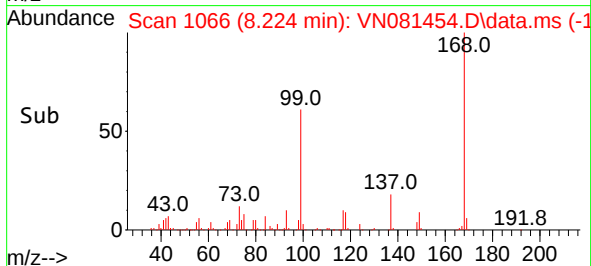
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 44592
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9

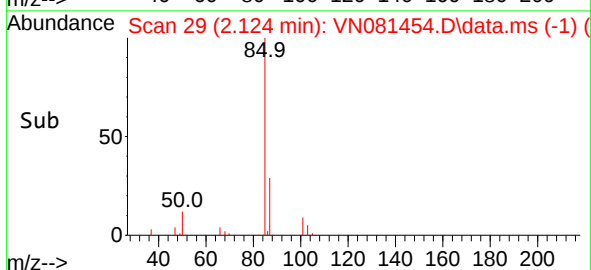
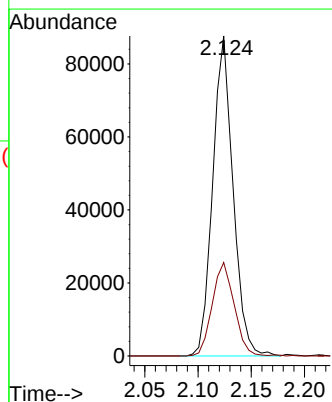
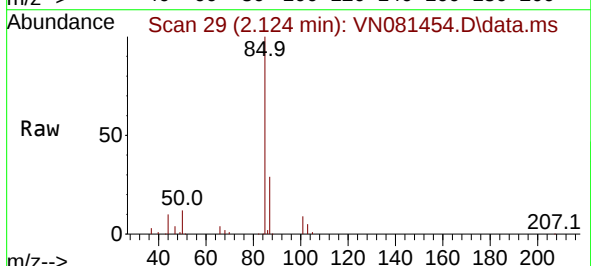
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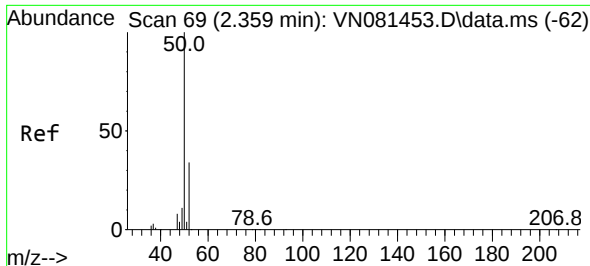
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#2
Dichlorodifluoromethane
Concen: 19.393 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

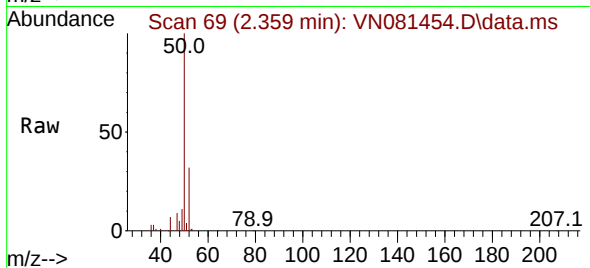
Tgt Ion: 85 Resp: 116444
Ion Ratio Lower Upper
85 100
87 29.2 15.3 45.9





#3
Chloromethane
Concen: 19.567 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

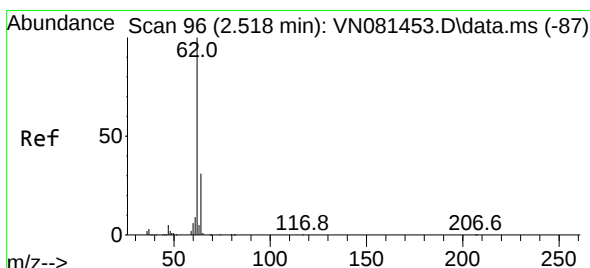
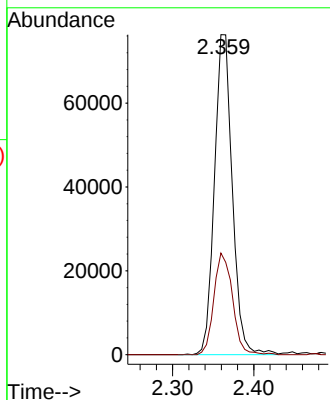
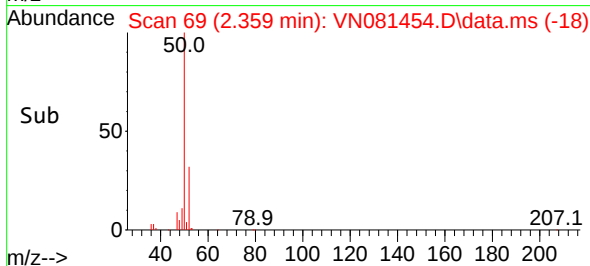
Instrument :
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Tgt Ion: 50 Resp: 116970
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

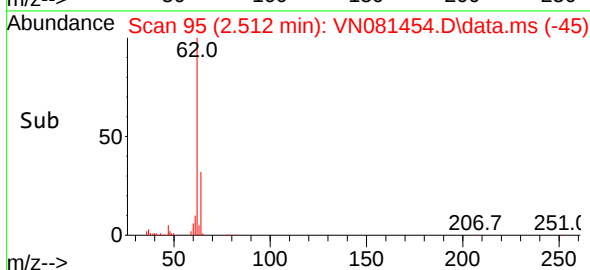
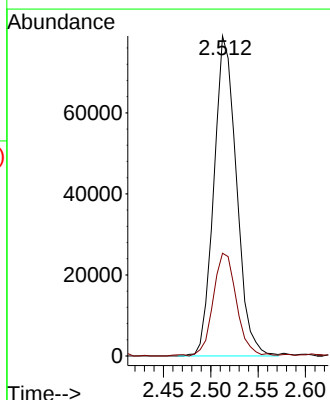
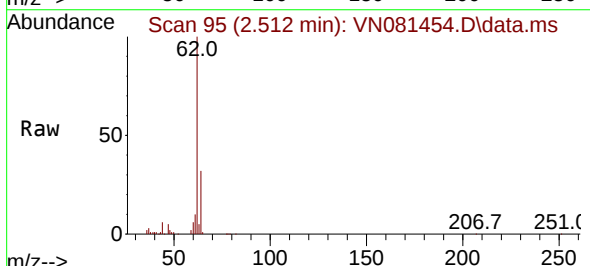
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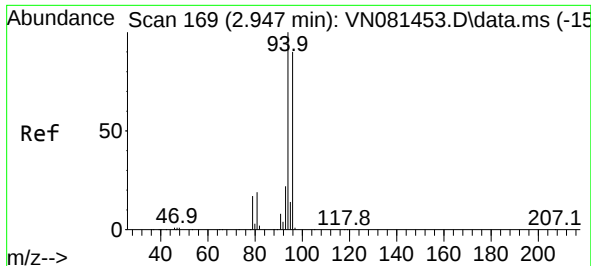
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#4
Vinyl Chloride
Concen: 19.559 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 62 Resp: 131224
Ion Ratio Lower Upper
62 100
64 31.9 22.7 34.1





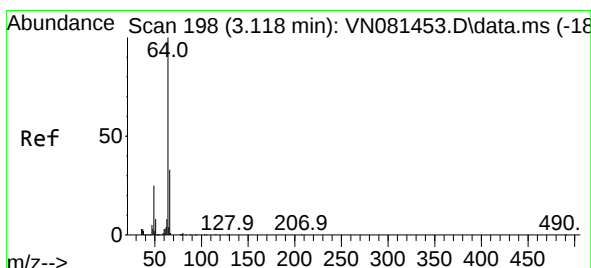
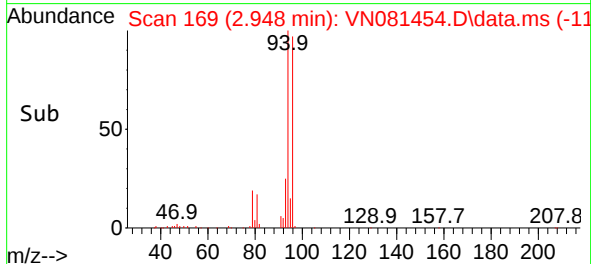
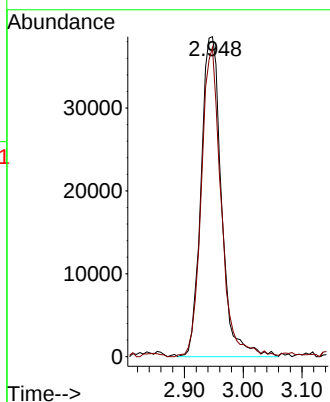
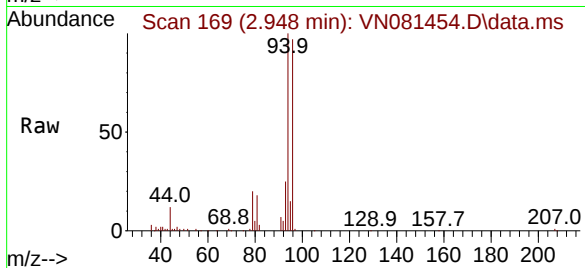
#5
Bromomethane
Concen: 19.612 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 9305
Ion Ratio Lower Upper
94 100
96 96.3 69.2 103.8

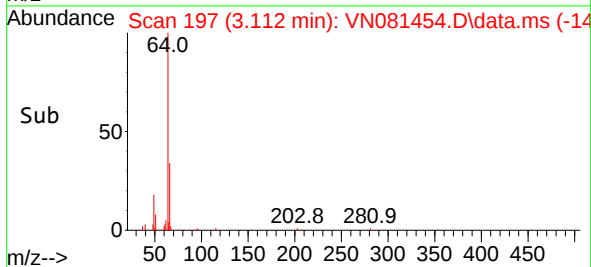
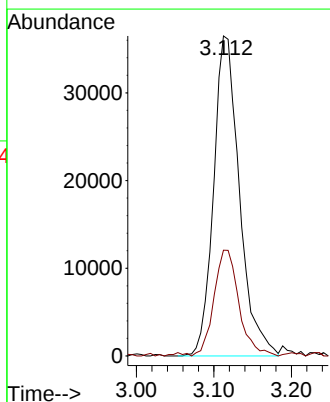
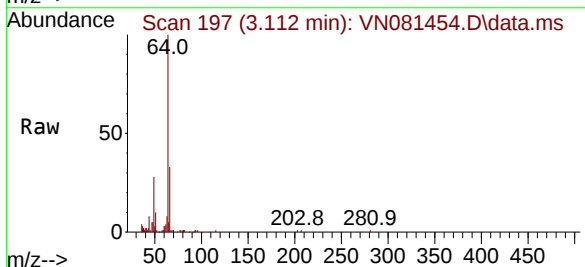
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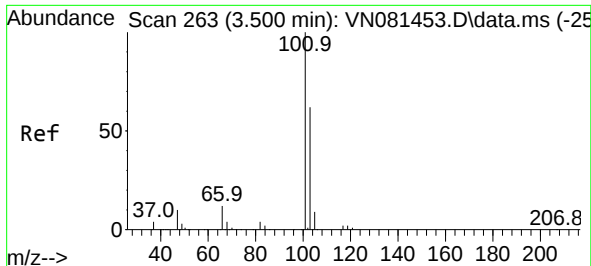
Reviewed By :John Carlone 03/19/2024
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#6
Chloroethane
Concen: 18.383 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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Acq: 18 Mar 2024 16:51

Tgt Ion: 64 Resp: 84679
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





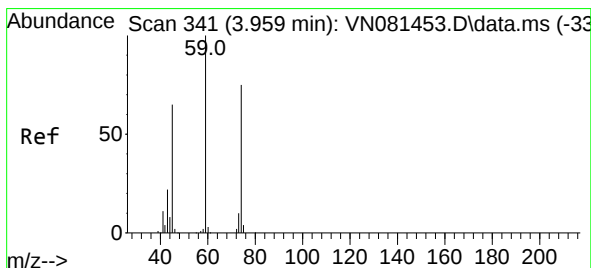
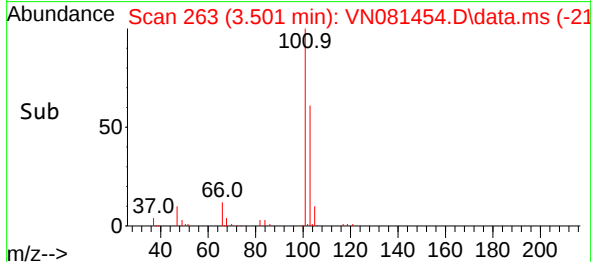
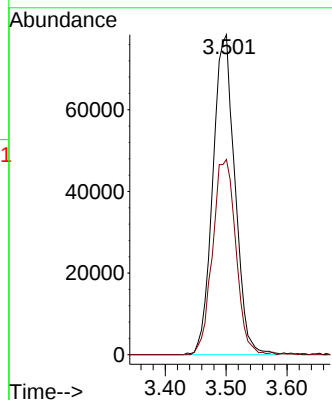
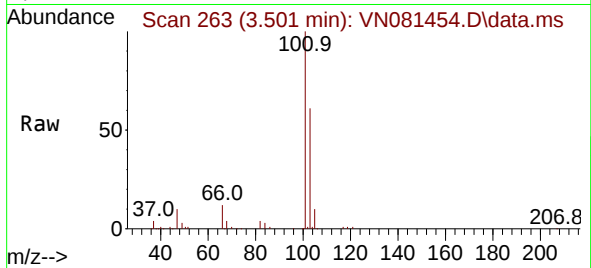
#7
Trichlorofluoromethane
Concen: 19.735 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 19732
Ion Ratio Lower Upper
101 100
103 61.0 54.4 81.6

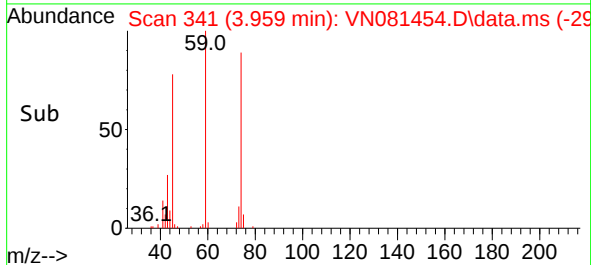
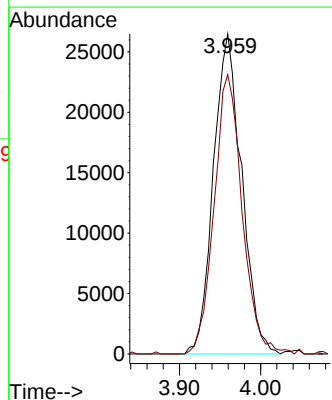
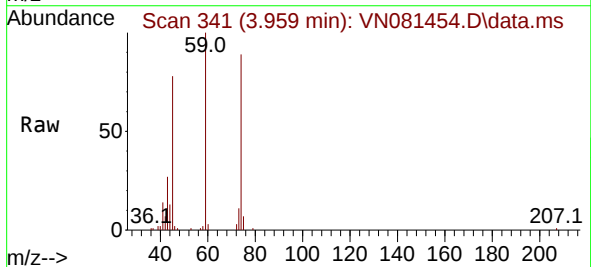
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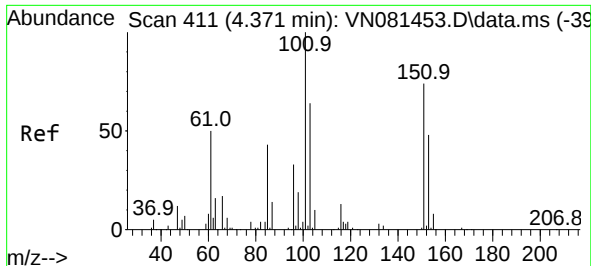
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#8
Diethyl Ether
Concen: 19.322 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 74 Resp: 63938
Ion Ratio Lower Upper
74 100
45 86.7 53.3 159.9





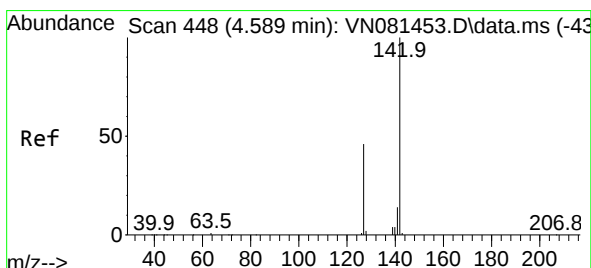
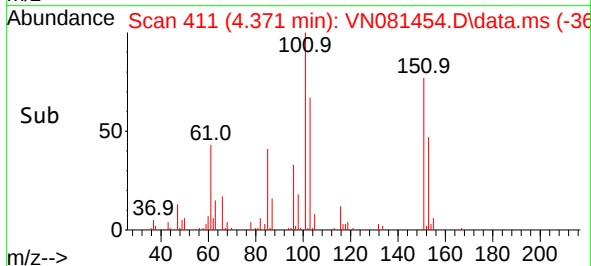
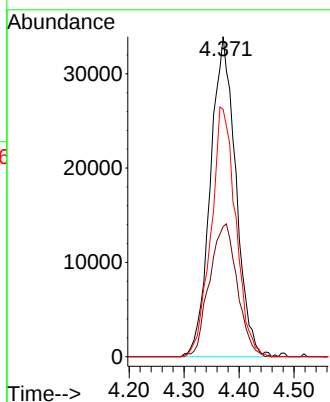
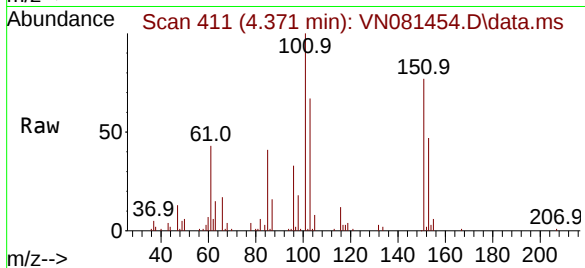
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.150 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 108798
Ion Ratio Lower Upper
101 100
85 45.5 38.1 57.1
151 75.9 49.1 73.7

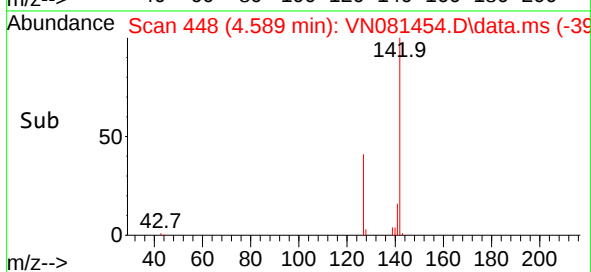
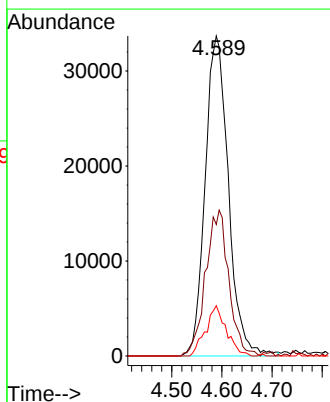
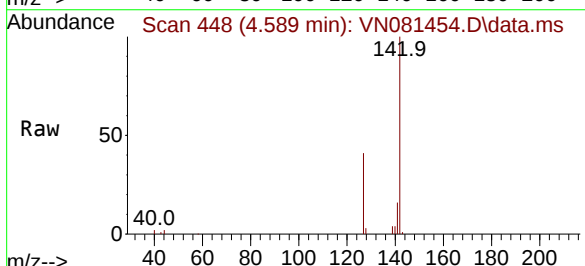
Manual Integrations
APPROVED

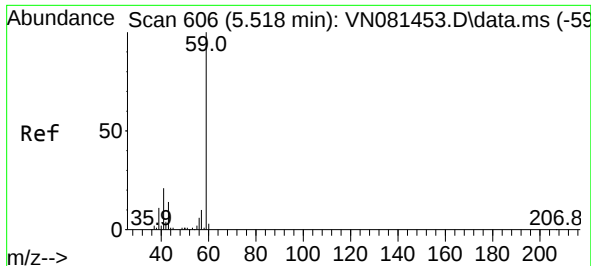
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#10
Methyl Iodide
Concen: 19.175 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

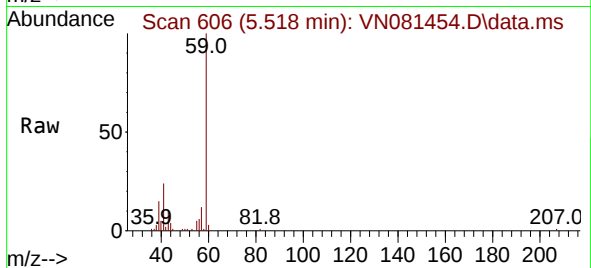
Tgt Ion:142 Resp: 108490
Ion Ratio Lower Upper
142 100
127 41.1 37.0 55.4
141 15.7 12.5 18.7





#11
Tert butyl alcohol
Concen: 100.402 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

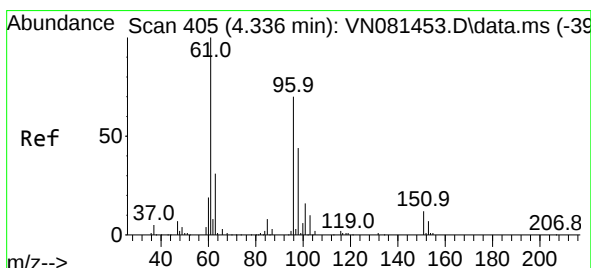
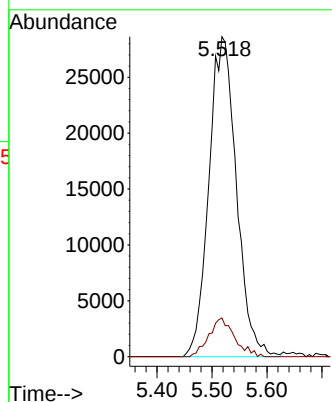
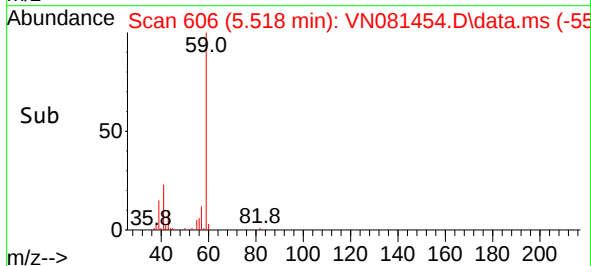
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



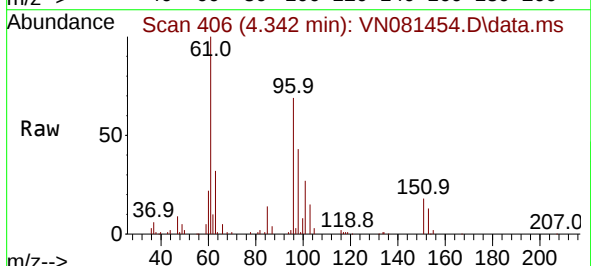
Tgt Ion: 59 Resp: 99499
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
APPROVED

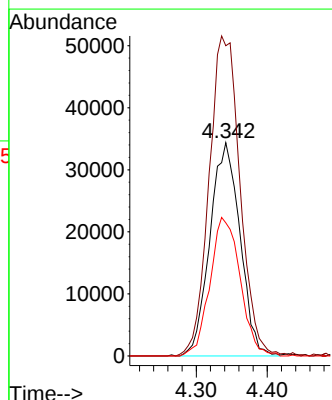
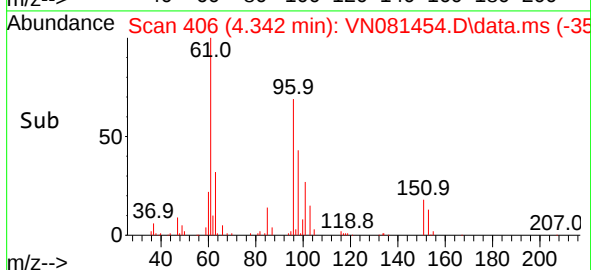
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

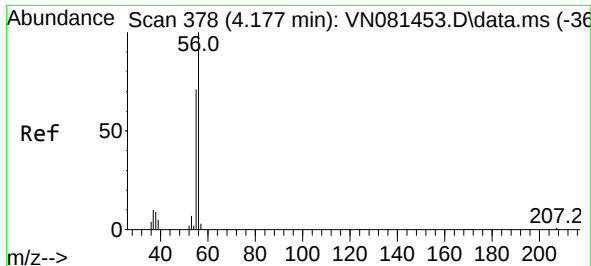


#12
1,1-Dichloroethene
Concen: 19.190 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



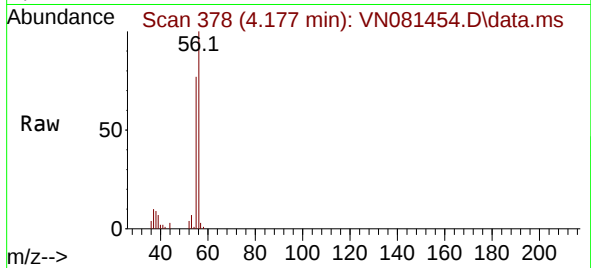
Tgt Ion: 96 Resp: 100991
Ion Ratio Lower Upper
96 100
61 144.5 138.2 207.4
98 62.4 49.2 73.8





#13
Acrolein
Concen: 97.925 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

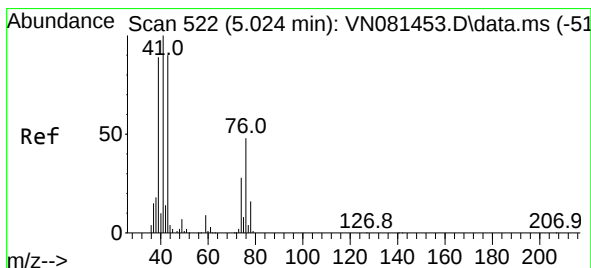
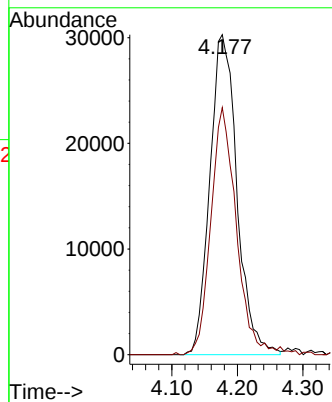
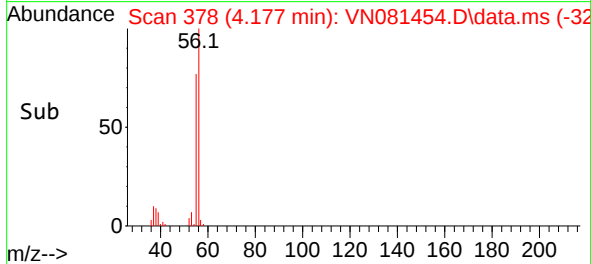
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



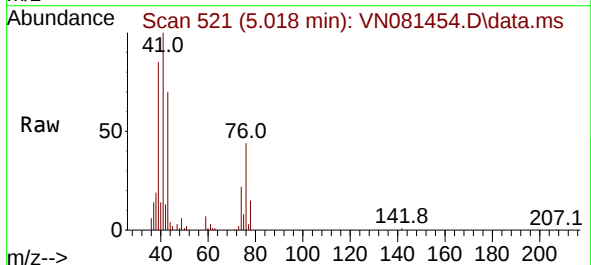
Tgt Ion: 56 Resp: 87080
Ion Ratio Lower Upper
56 100
55 72.8 55.3 82.9

Manual Integrations
APPROVED

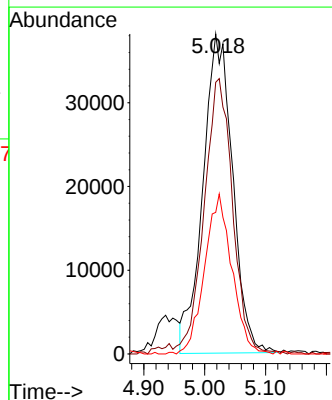
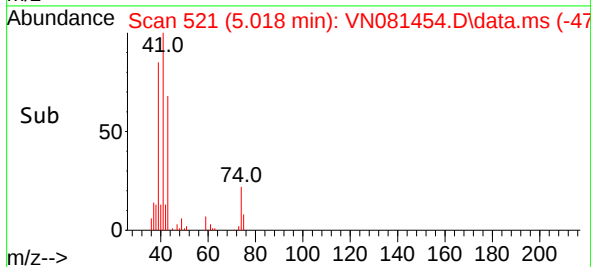
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

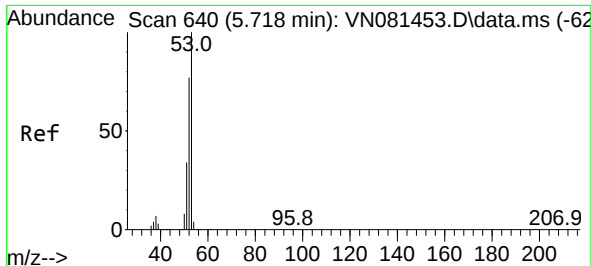


#14
Allyl chloride
Concen: 19.550 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



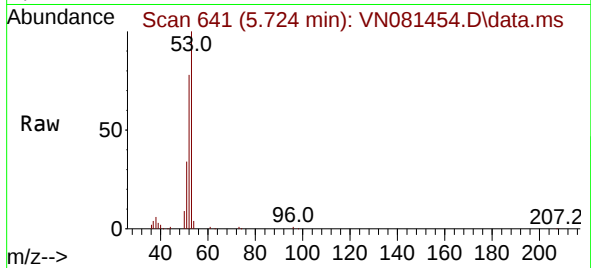
Tgt Ion: 41 Resp: 128918
Ion Ratio Lower Upper
41 100
39 83.2 57.7 86.5
76 46.1 26.8 40.2#





#15
Acrylonitrile
Concen: 99.255 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

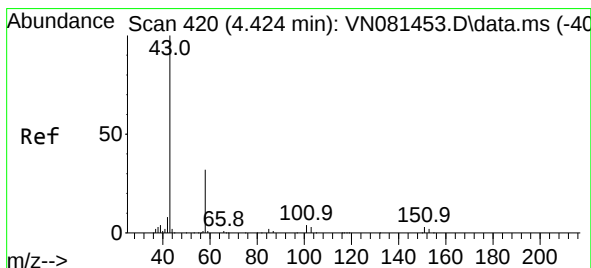
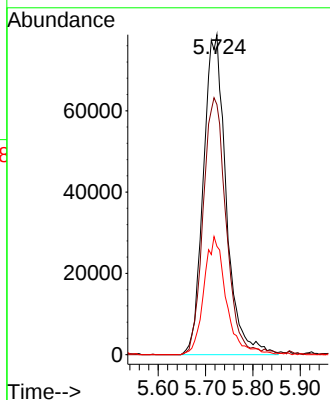
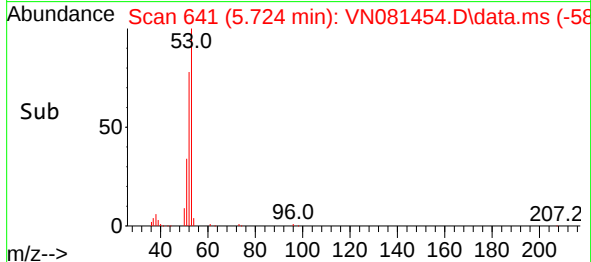
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 26314
Ion Ratio Lower Upper
53 100
52 80.4 64.8 97.2
51 36.2 26.9 40.3

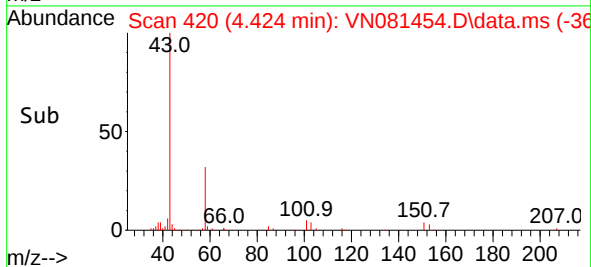
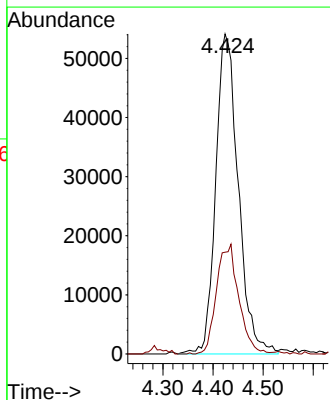
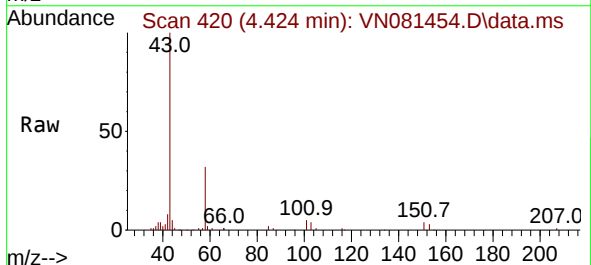
Manual Integrations
APPROVED

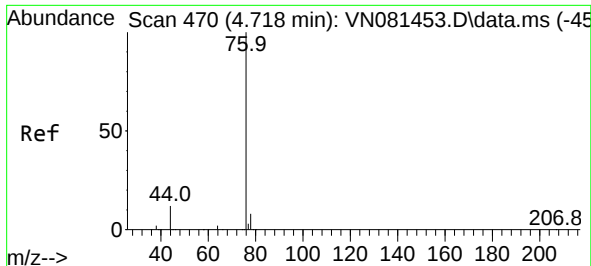
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#16
Acetone
Concen: 91.969 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 43 Resp: 169021
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2





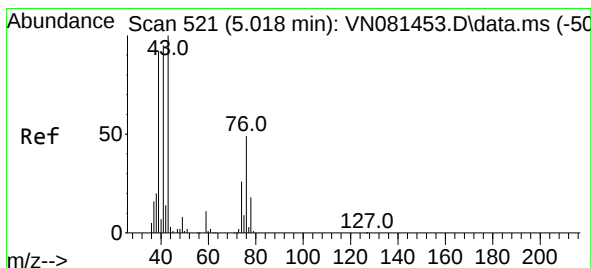
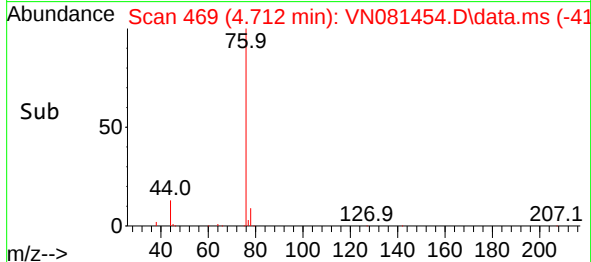
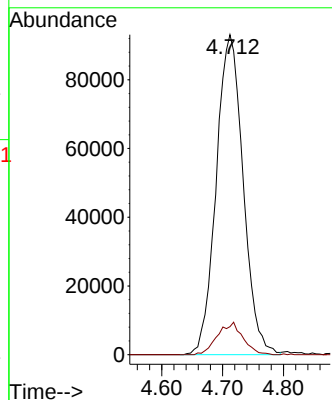
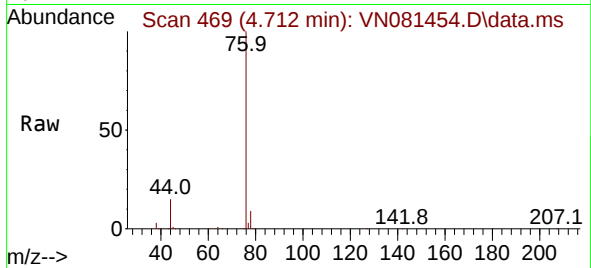
#17
Carbon Disulfide
Concen: 18.952 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 286208
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5

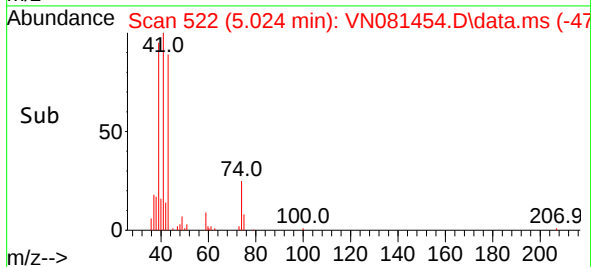
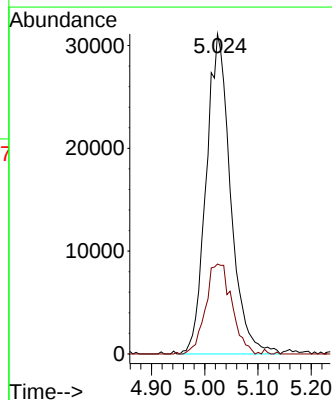
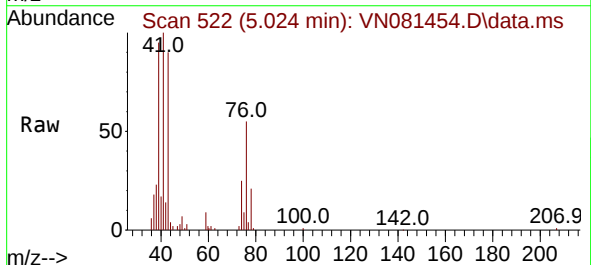
Manual Integrations
APPROVED

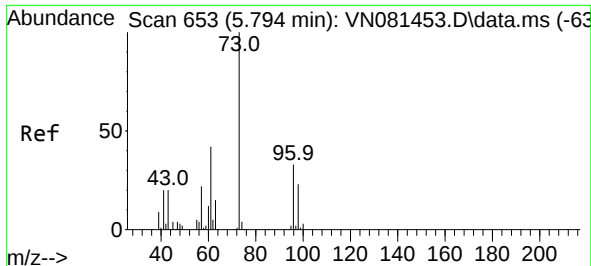
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#18
Methyl Acetate
Concen: 17.473 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 43 Resp: 98998
Ion Ratio Lower Upper
43 100
74 30.2 17.3 25.9





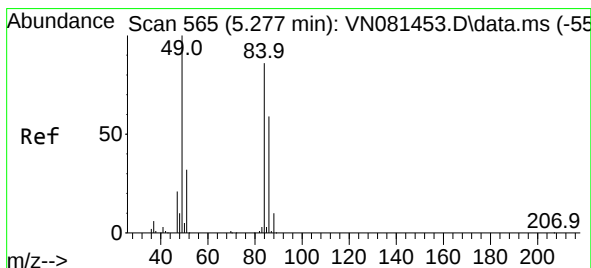
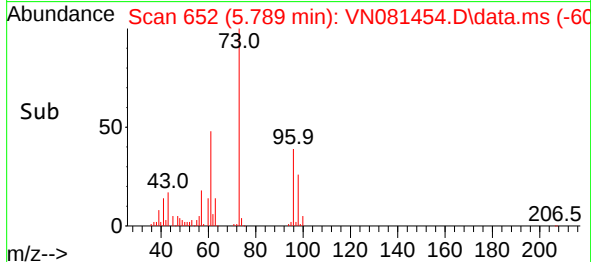
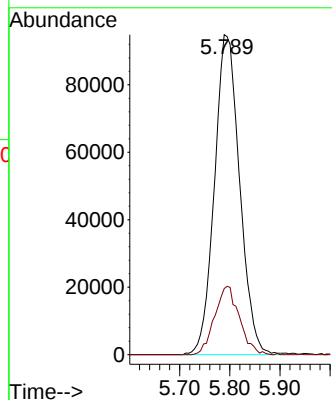
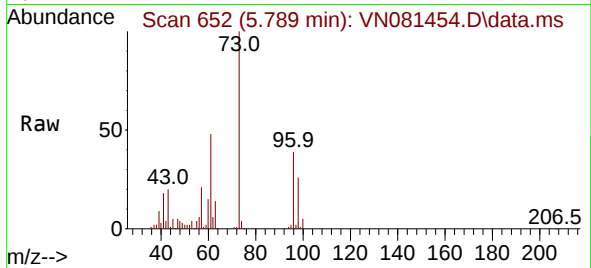
#19
Methyl tert-butyl Ether
Concen: 20.112 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 33124
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

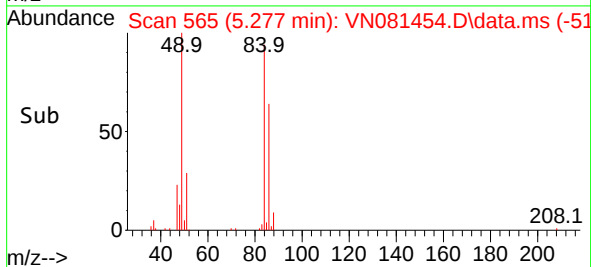
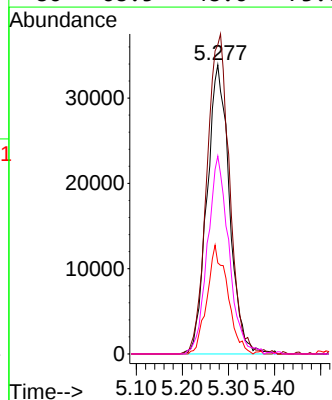
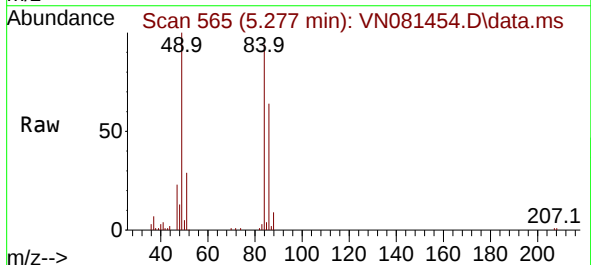
Manual Integrations
APPROVED

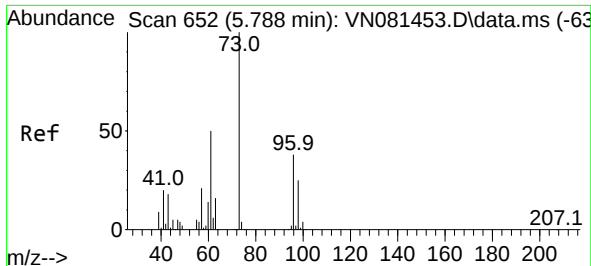
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#20
Methylene Chloride
Concen: 19.037 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

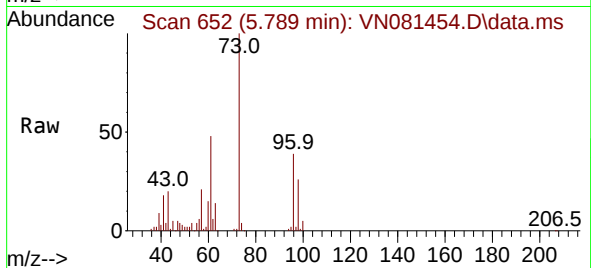
Tgt Ion: 84 Resp: 114603
Ion Ratio Lower Upper
84 100
49 106.9 108.1 162.1#
51 31.5 32.9 49.3#
86 68.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.814 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

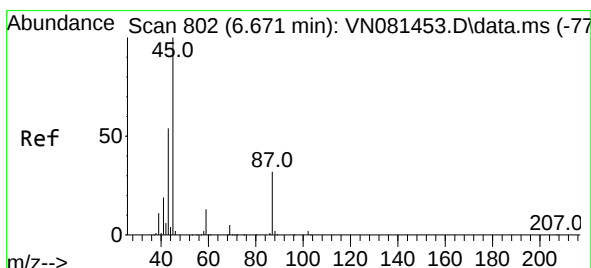
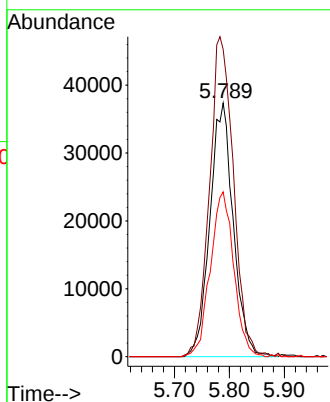
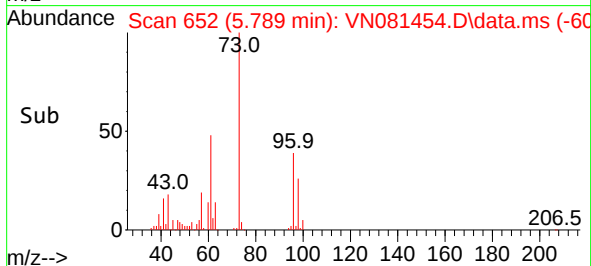
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 11039
Ion Ratio Lower Upper
96 100
61 121.2 112.8 169.2
98 65.0 51.0 76.4

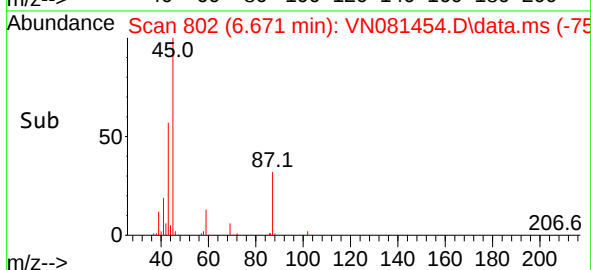
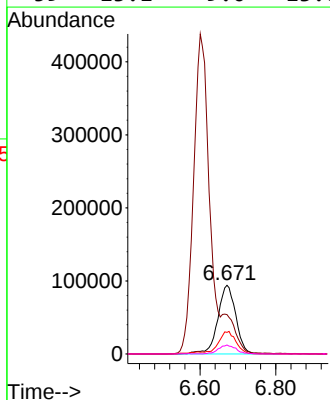
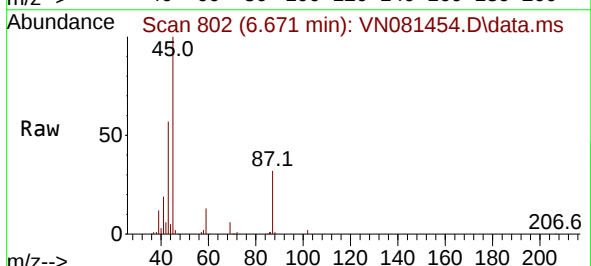
Manual Integrations
APPROVED

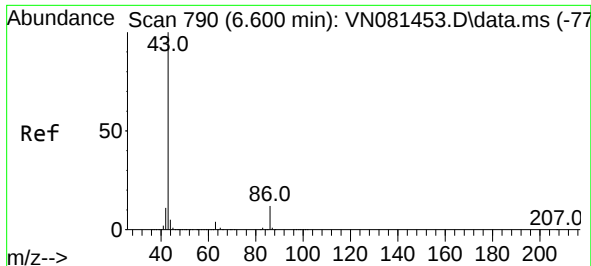
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#22
Diisopropyl ether
Concen: 20.343 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 45 Resp: 311694
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.8
87 31.5 18.1 27.1#
59 13.1 9.0 13.6





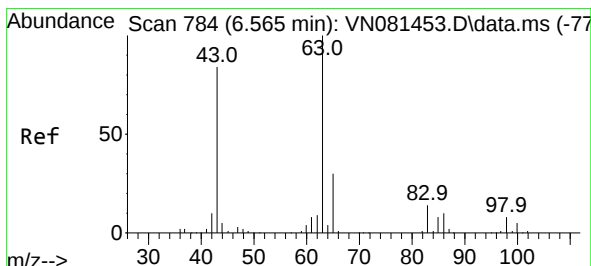
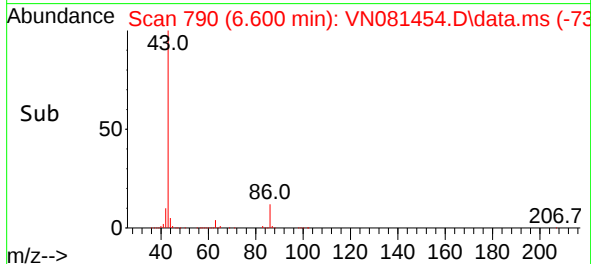
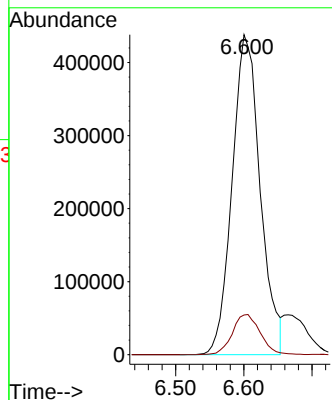
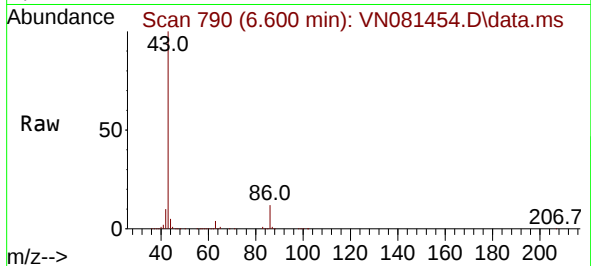
#23
 Vinyl Acetate
 Concen: 102.643 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020

Tgt Ion: 43 Resp: 125184
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.1 10.7

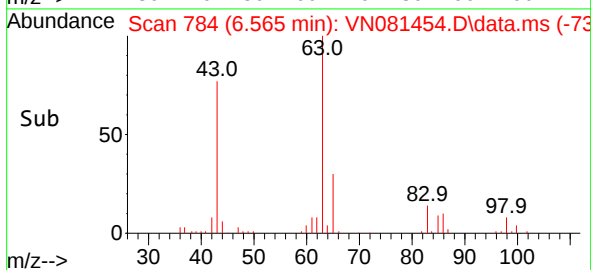
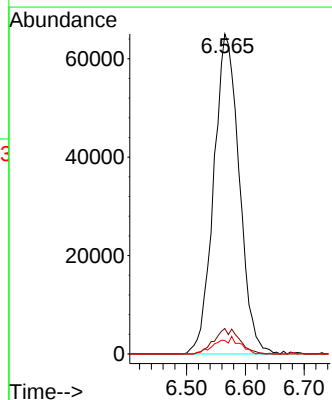
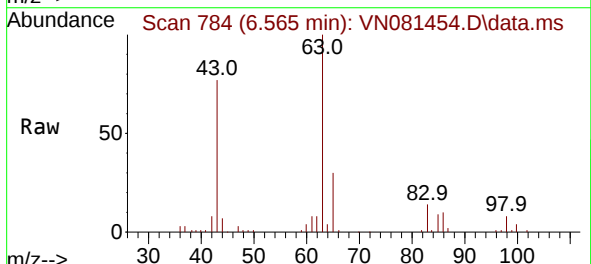
Manual Integrations
 APPROVED

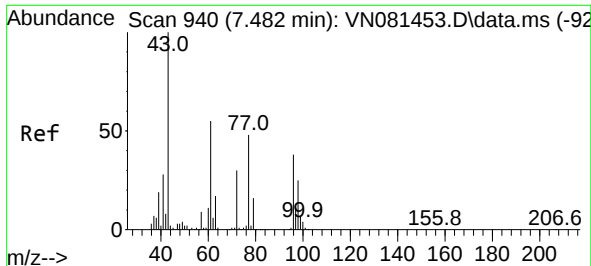
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 19.103 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

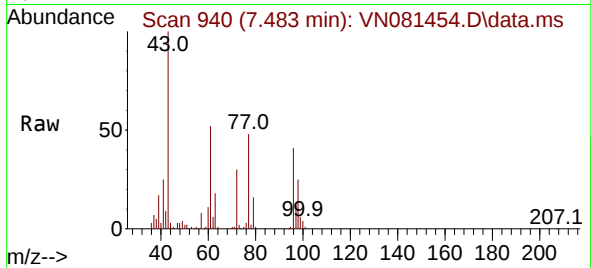
Tgt Ion: 63 Resp: 196042
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.2 1.9 5.7





#25
2-Butanone
Concen: 96.843 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

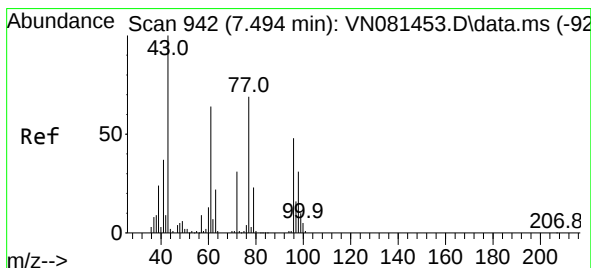
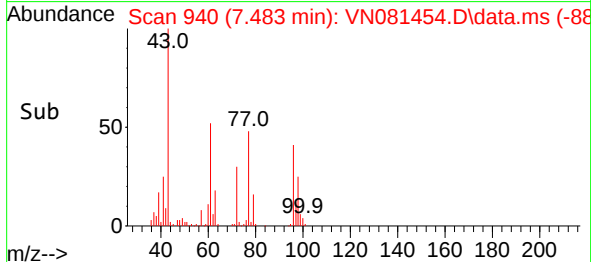
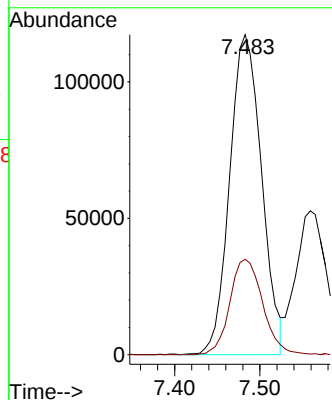
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 305270
Ion Ratio Lower Upper
43 100
72 29.8 19.5 29.3

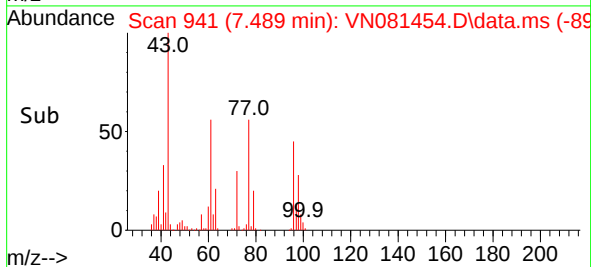
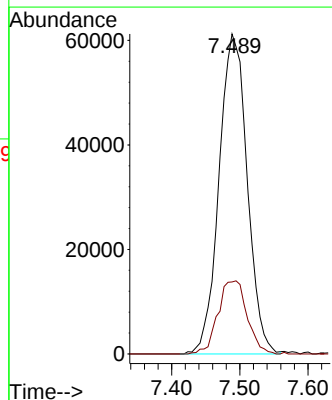
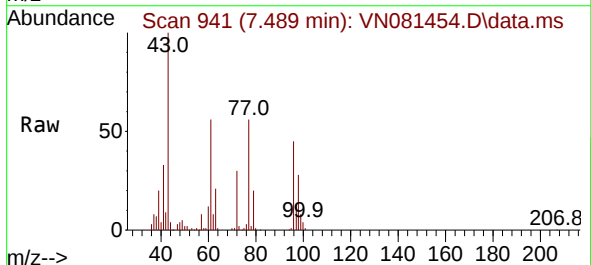
Manual Integrations
APPROVED

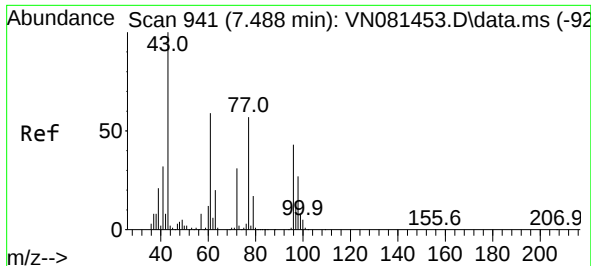
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#26
2,2-Dichloropropane
Concen: 19.779 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

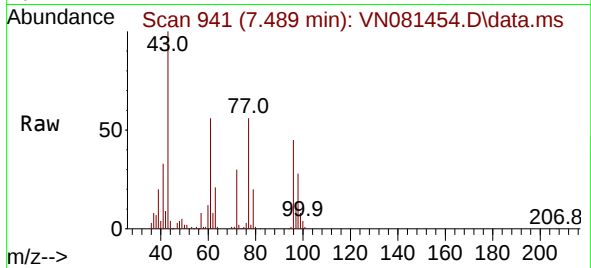
Tgt Ion: 77 Resp: 176049
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.643 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

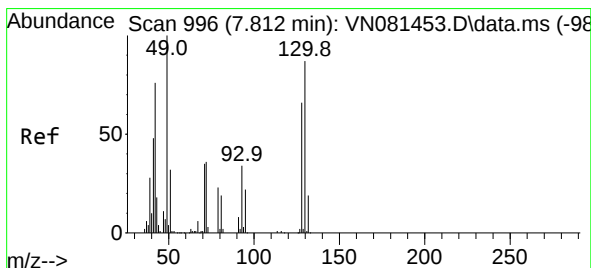
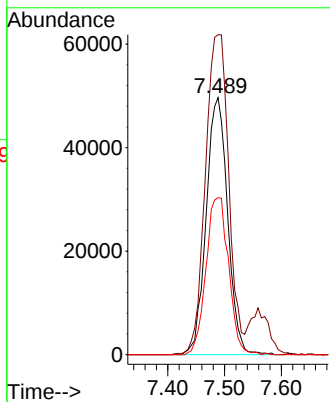
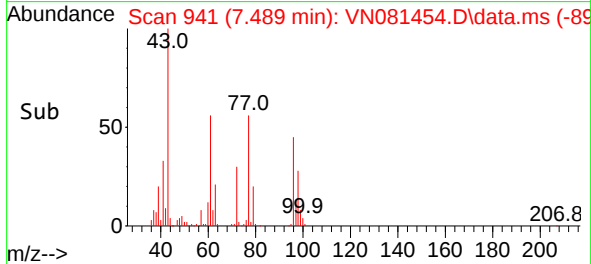
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 130410
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 325.4
 98 64.4 0.0 130.4

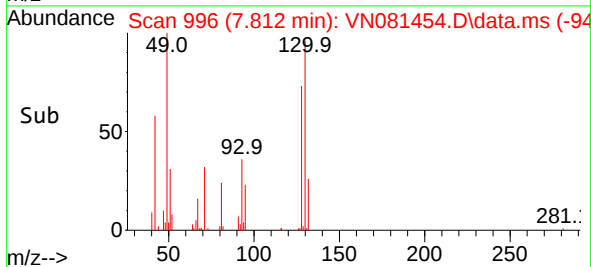
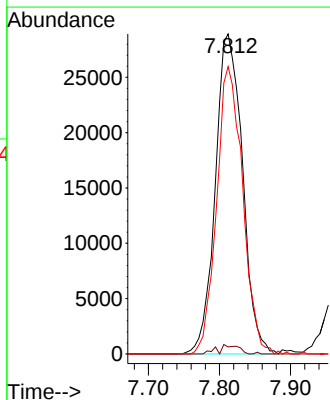
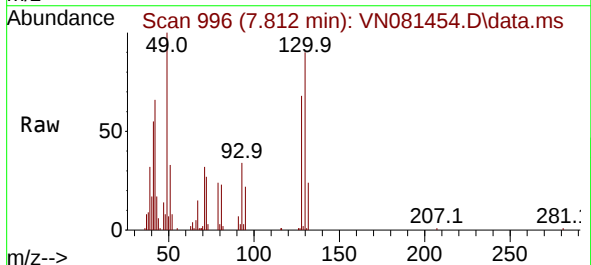
Manual Integrations
 APPROVED

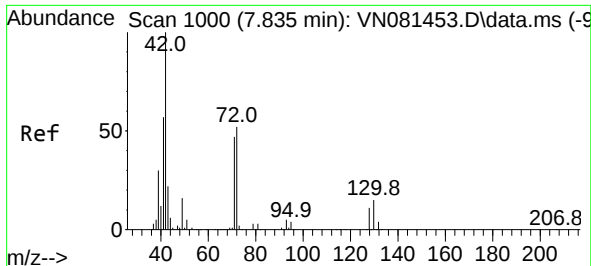
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#28
 Bromochloromethane
 Concen: 18.335 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

Tgt Ion: 49 Resp: 76641
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 86.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 98.010 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

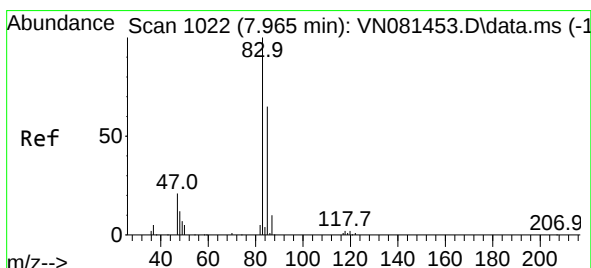
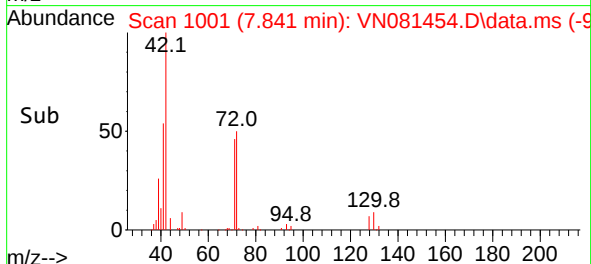
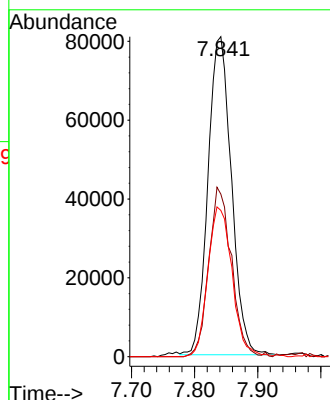
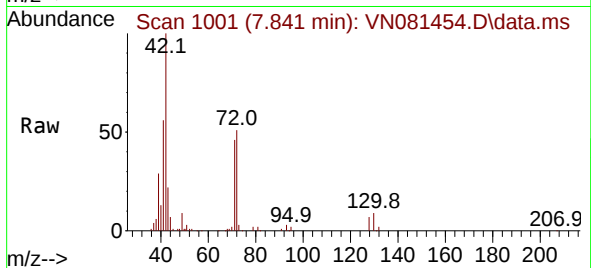
Tgt Ion:	42	Resp:	20812
Ion Ratio	Lower	Upper	
42	100		
72	51.6	31.1	46.7
71	48.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#30

Chloroform

Concen: 19.334 ug/l

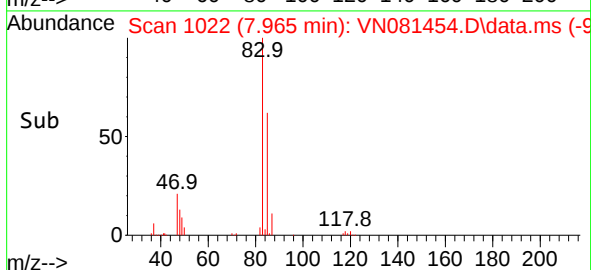
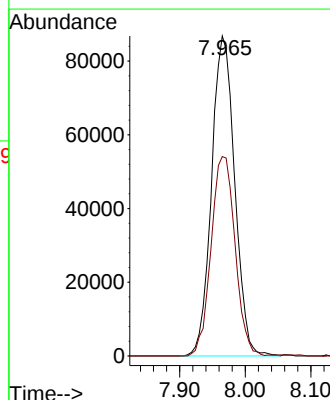
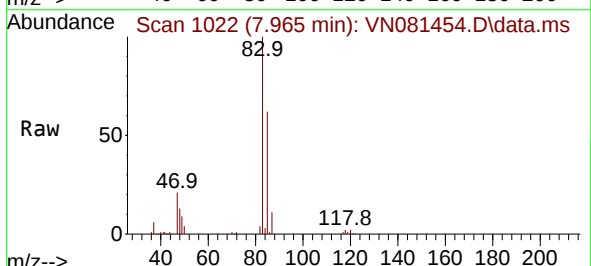
RT: 7.965 min Scan# 1022

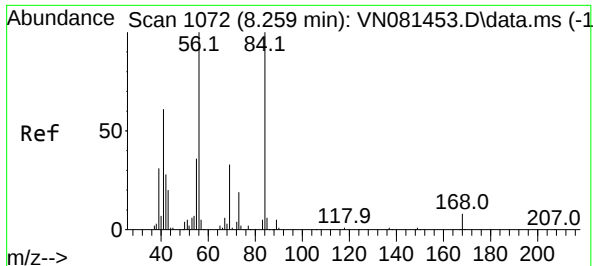
Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

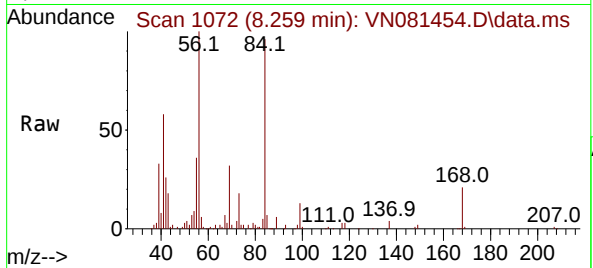
Tgt Ion:	83	Resp:	212411
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.0	76.6





#31
Cyclohexane
Concen: 19.448 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

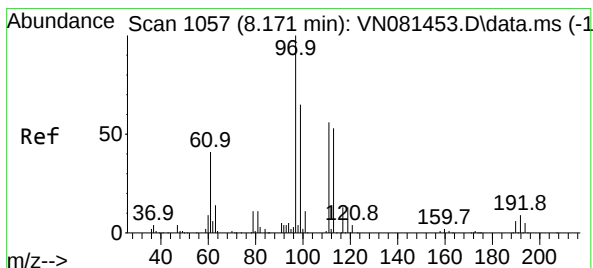
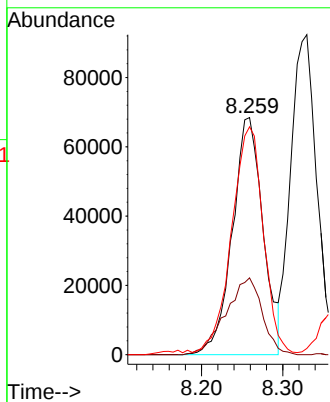
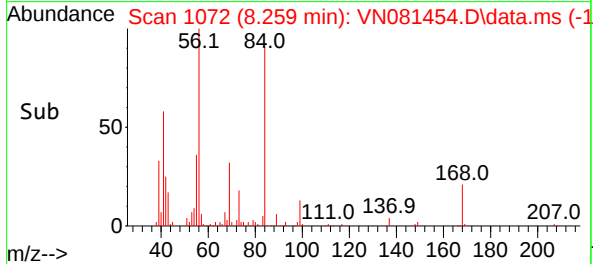
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



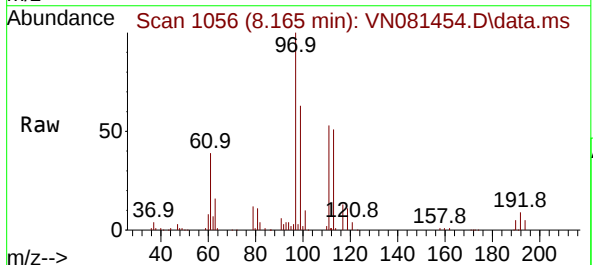
Tgt Ion: 56 Resp: 179968
Ion Ratio Lower Upper
56 100
69 32.4 20.1 30.1
84 94.2 56.9 85.3

Manual Integrations
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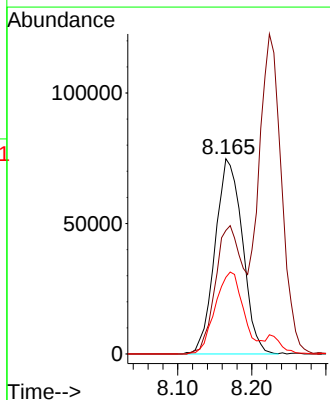
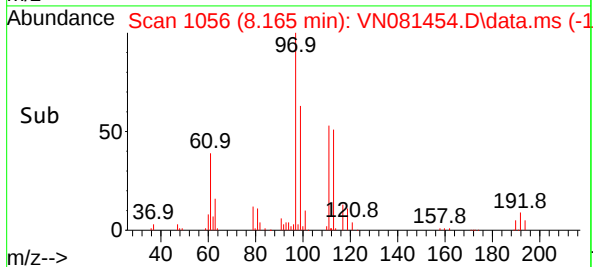
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

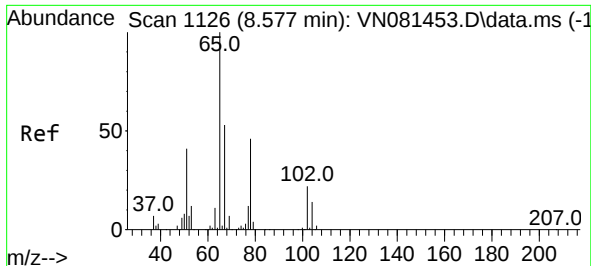


#32
1,1,1-Trichloroethane
Concen: 19.286 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



Tgt Ion: 97 Resp: 192231
Ion Ratio Lower Upper
97 100
99 66.2 53.4 80.0
61 42.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 19.345 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 11000

Ion Ratio Lower Upper

65 100

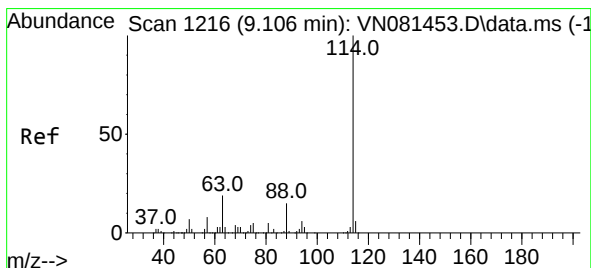
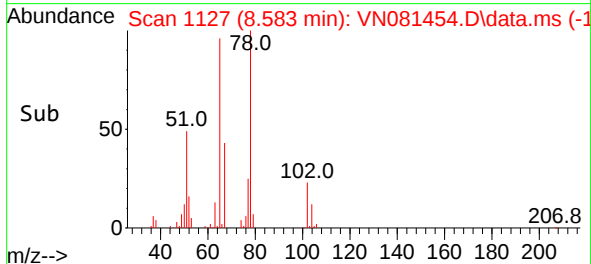
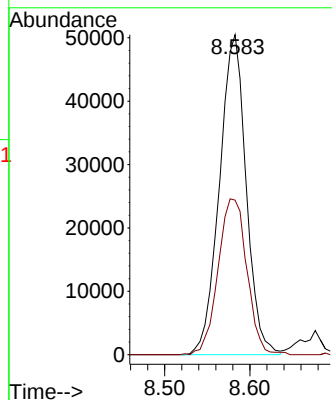
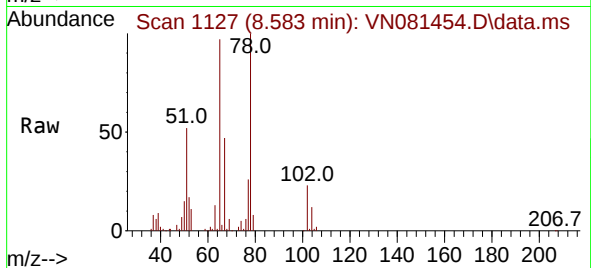
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

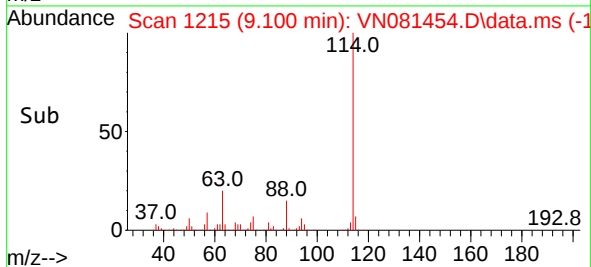
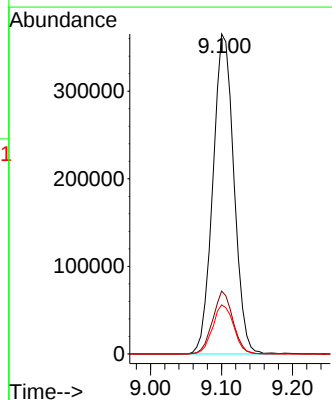
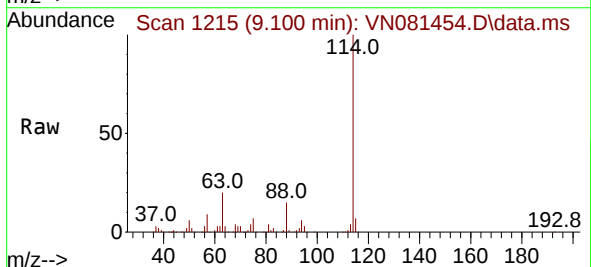
Tgt Ion:114 Resp: 749761

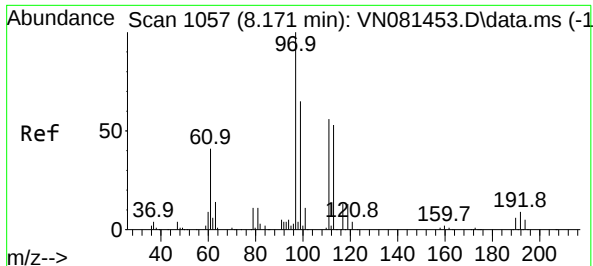
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

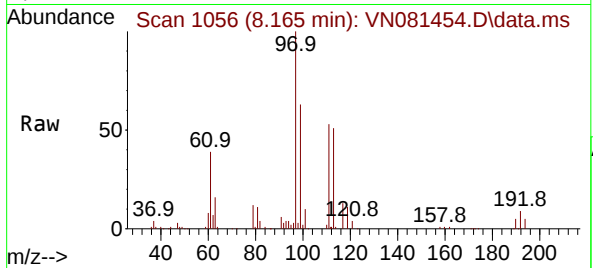
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 19.501 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

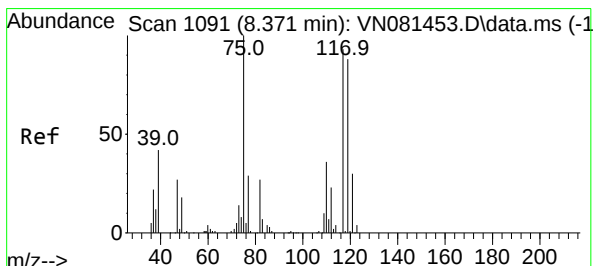
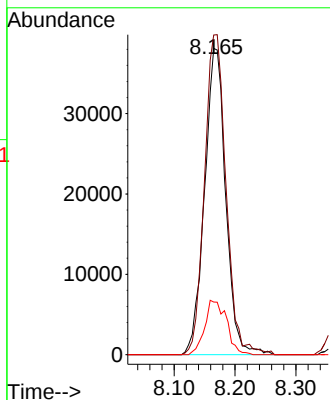
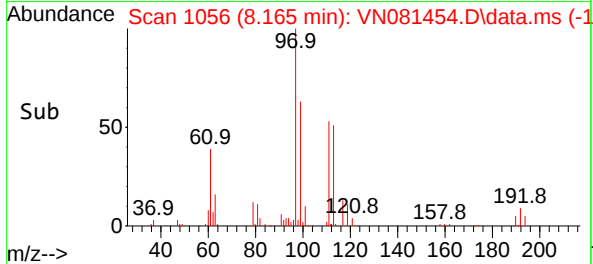
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 92274
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.4
192 18.3 12.5 18.7

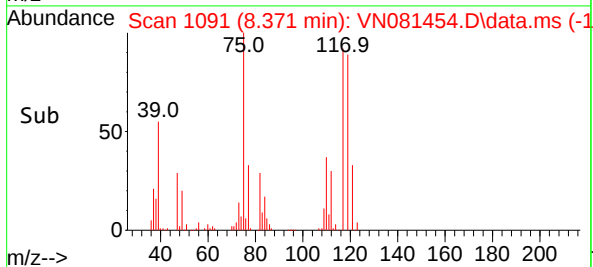
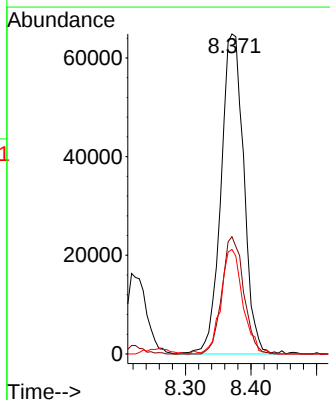
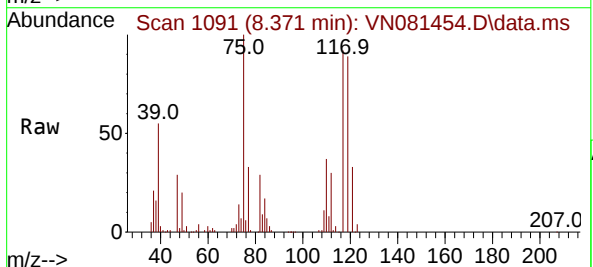
Manual Integrations
APPROVED

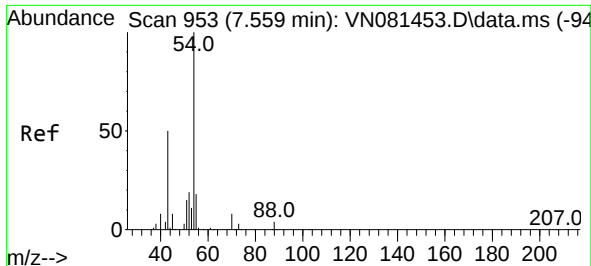
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#36
1,1-Dichloropropene
Concen: 19.642 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 75 Resp: 156412
Ion Ratio Lower Upper
75 100
110 35.0 16.0 48.0
77 31.6 25.8 38.6





#37

Ethyl Acetate

Concen: 20.614 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 140559

Ion Ratio Lower Upper

43 100

61 14.5 10.6 15.8

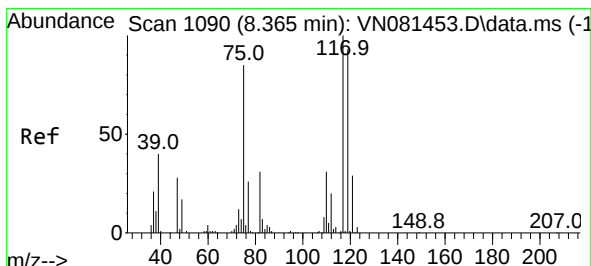
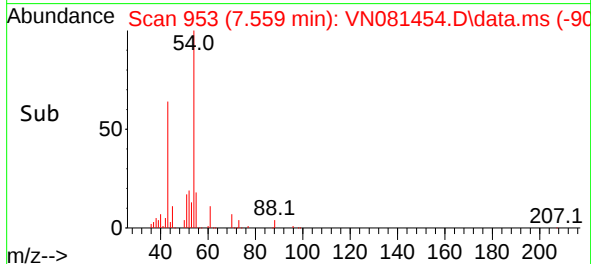
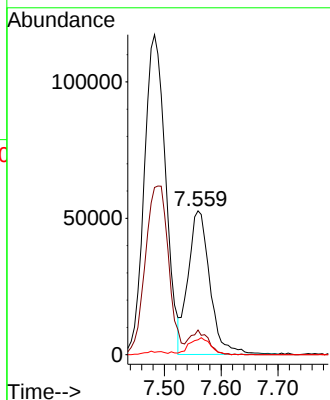
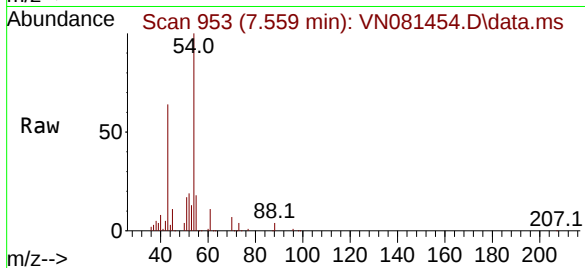
70 11.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#38

Carbon Tetrachloride

Concen: 19.671 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

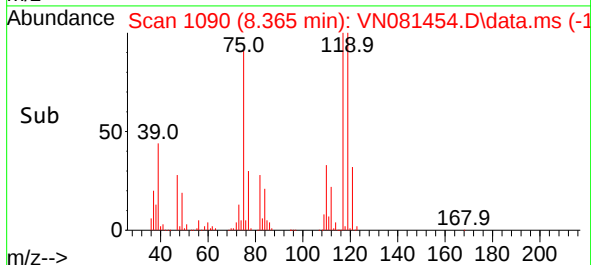
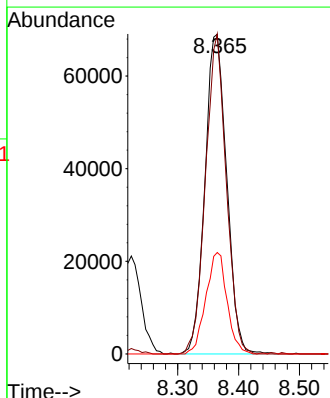
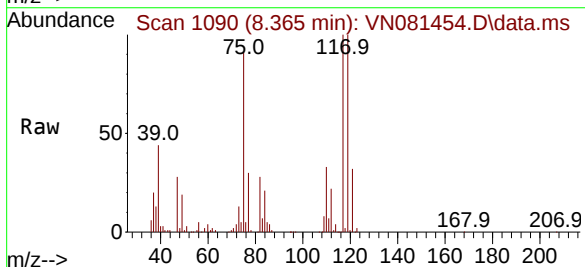
Tgt Ion:117 Resp: 171593

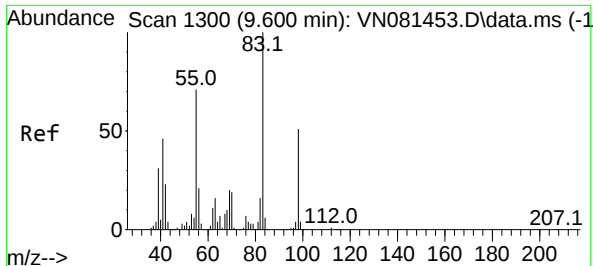
Ion Ratio Lower Upper

117 100

119 100.1 73.4 110.2

121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 20.156 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

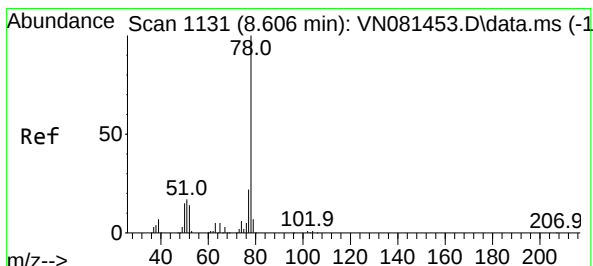
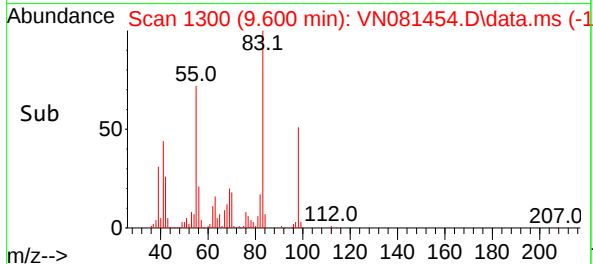
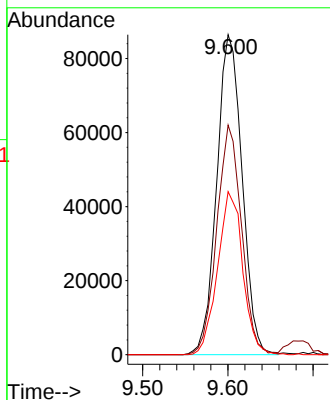
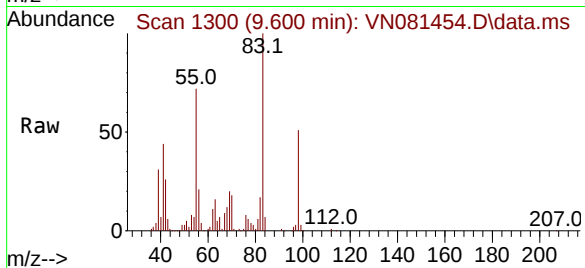
Tgt Ion:	83	Resp:	179230
Ion	Ratio	Lower	Upper
83	100		
55	71.8	65.7	98.5
98	50.9	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#40

Benzene

Concen: 19.989 ug/l

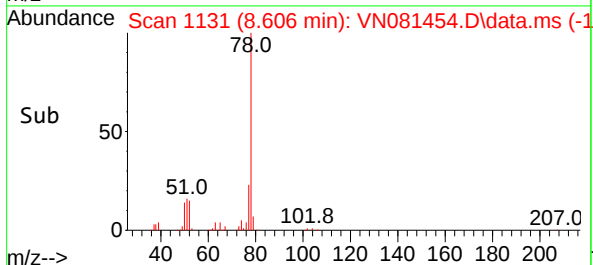
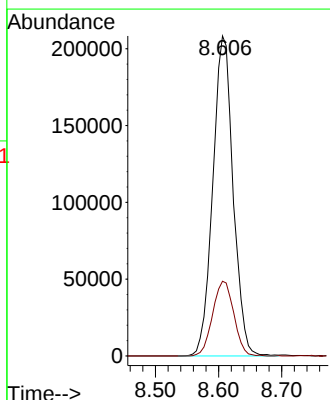
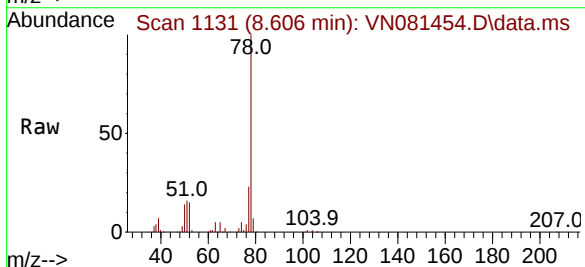
RT: 8.606 min Scan# 1131

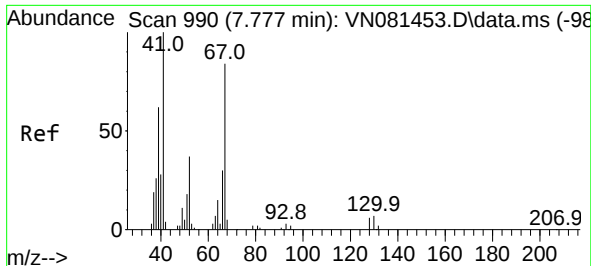
Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

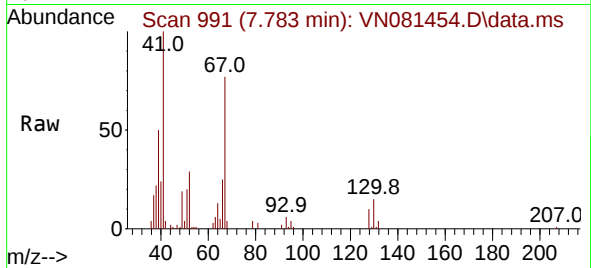
Tgt Ion:	78	Resp:	465362
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.4	30.6





#41
Methacrylonitrile
Concen: 20.768 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

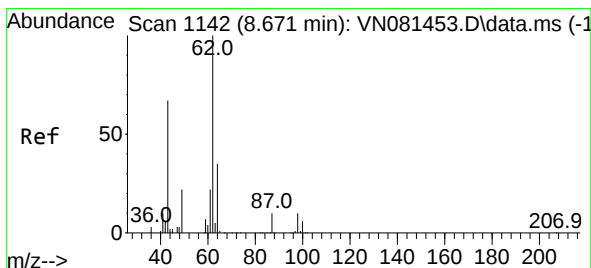
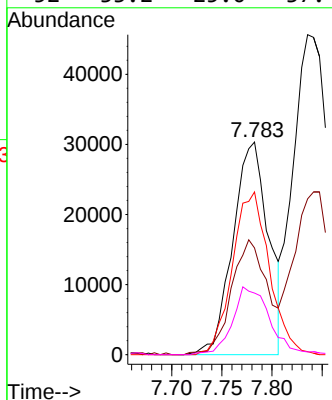
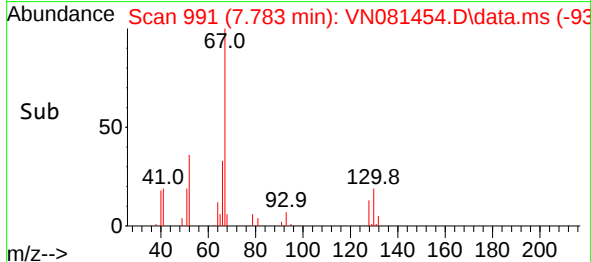
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



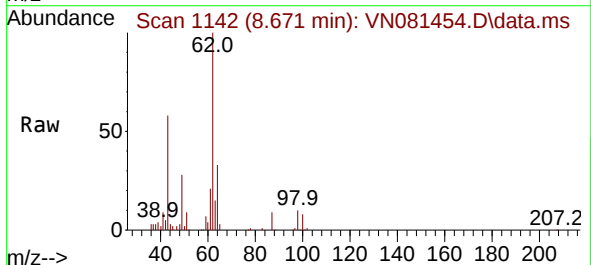
Tgt Ion: 41 Resp: 7488
Ion Ratio Lower Upper
41 100
39 54.4 48.4 72.6
67 79.5 56.8 85.2
52 33.2 25.0 37.4

Manual Integrations
APPROVED

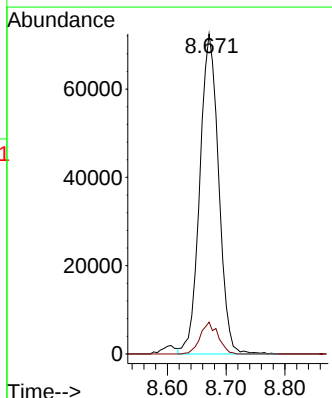
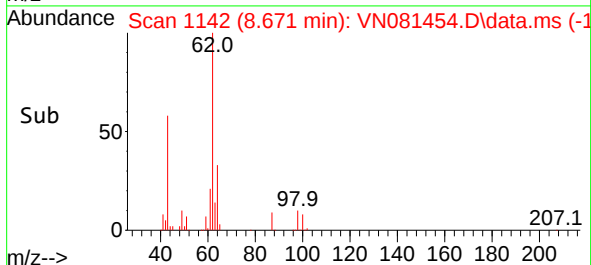
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

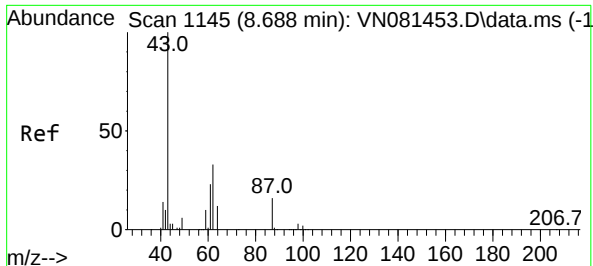


#42
1,2-Dichloroethane
Concen: 19.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



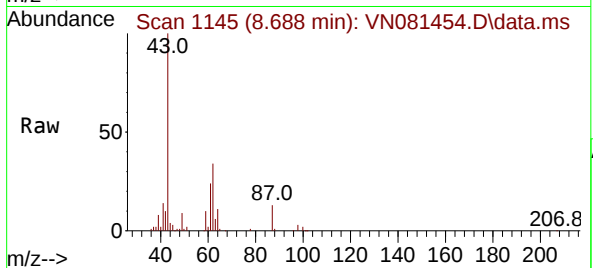
Tgt Ion: 62 Resp: 161709
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.047 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

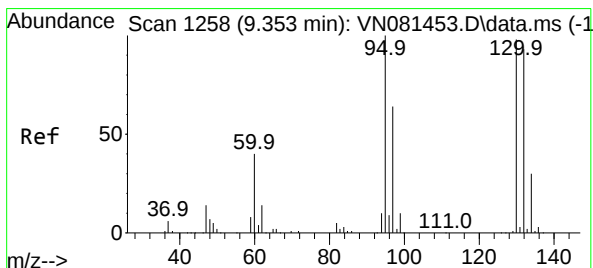
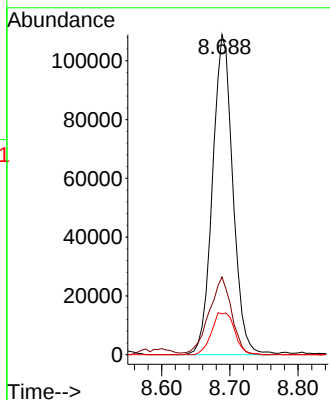
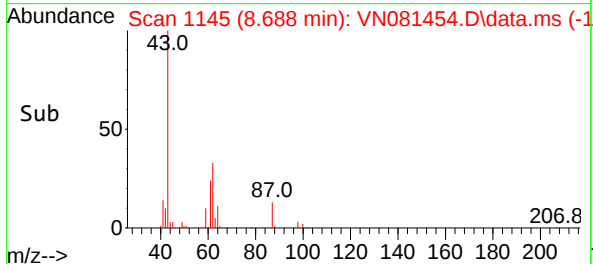
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 22658
Ion Ratio Lower Upper
43 100
61 26.8 19.9 29.9
87 14.8 9.0 13.6

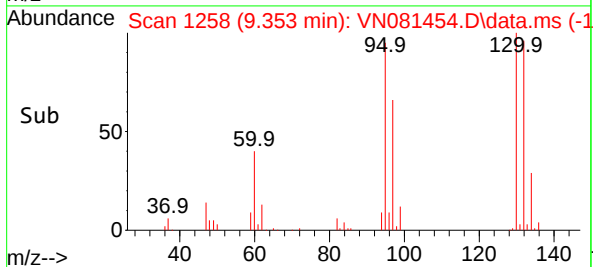
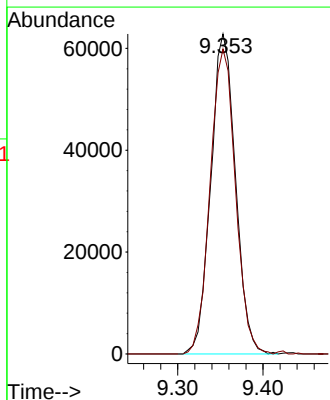
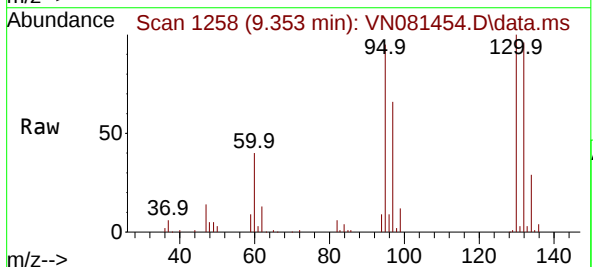
Manual Integrations
APPROVED

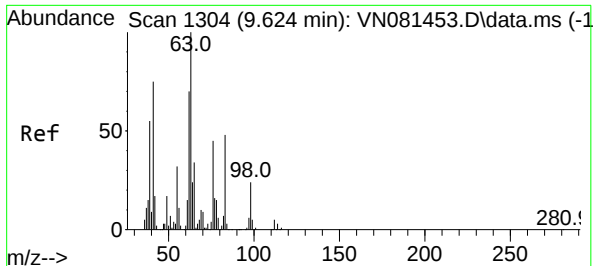
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#44
Trichloroethene
Concen: 19.305 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:130 Resp: 126400
Ion Ratio Lower Upper
130 100
95 95.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.938 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 112490

Ion Ratio Lower Upper

63 100

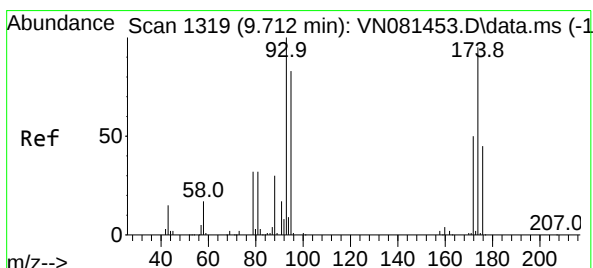
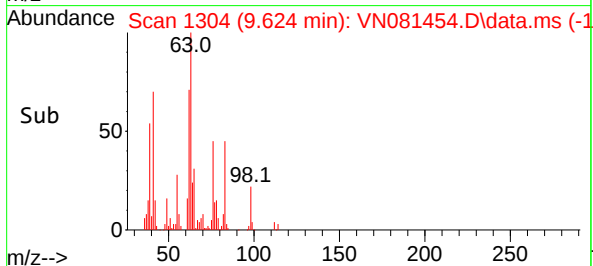
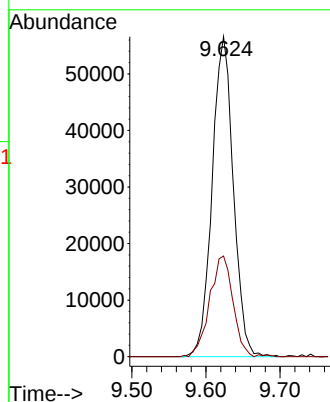
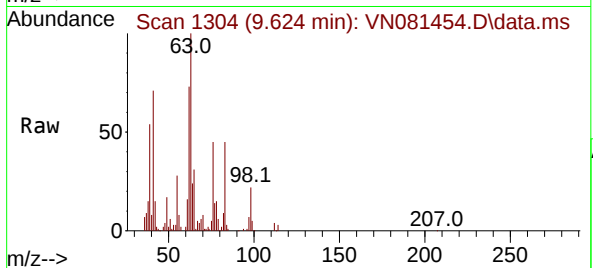
65 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#46

Dibromomethane

Concen: 19.427 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

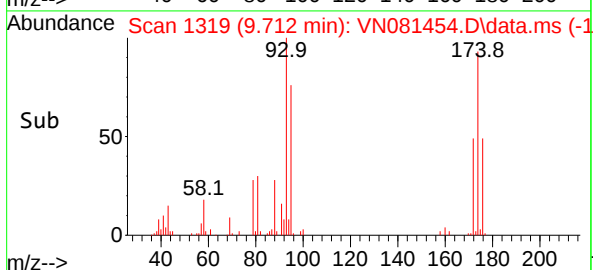
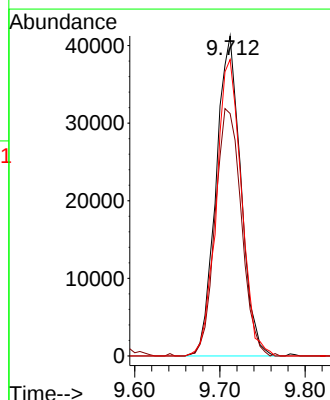
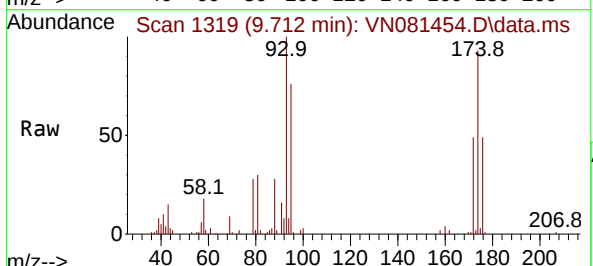
Tgt Ion: 93 Resp: 83238

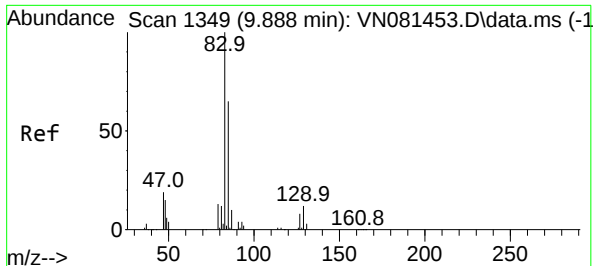
Ion Ratio Lower Upper

93 100

95 81.8 68.1 102.1

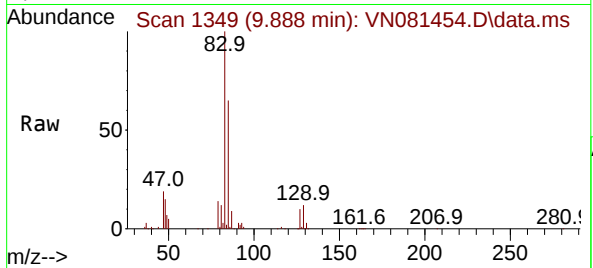
174 93.6 57.2 85.8





#47
Bromodichloromethane
Concen: 19.538 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

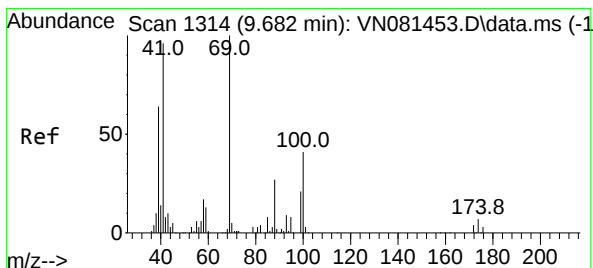
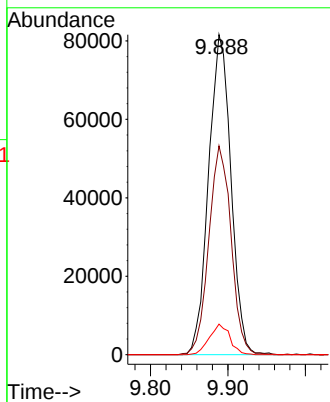
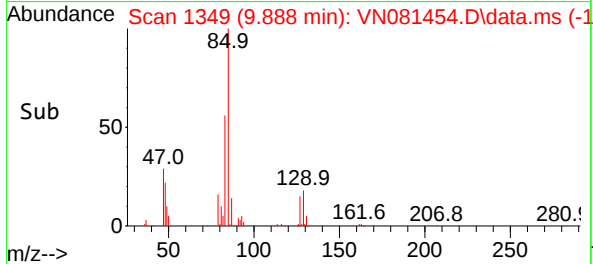
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 163679
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 9.6 4.6 7.0

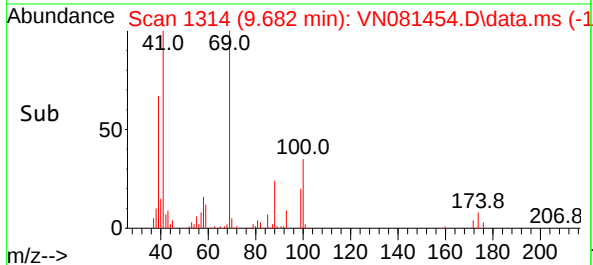
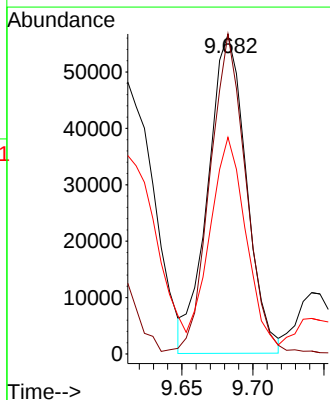
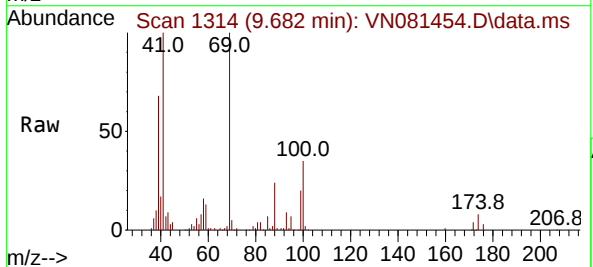
Manual Integrations
APPROVED

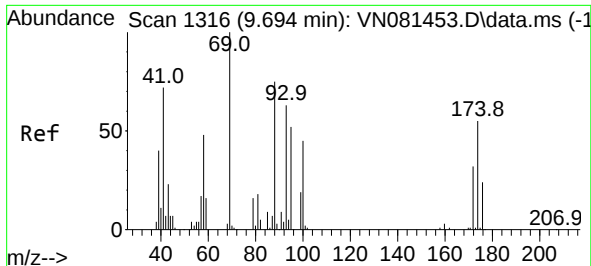
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#48
Methyl methacrylate
Concen: 20.415 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 41 Resp: 106428
Ion Ratio Lower Upper
41 100
69 94.4 62.2 93.2
39 65.0 47.6 71.4





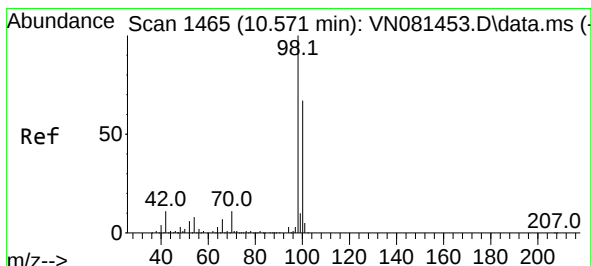
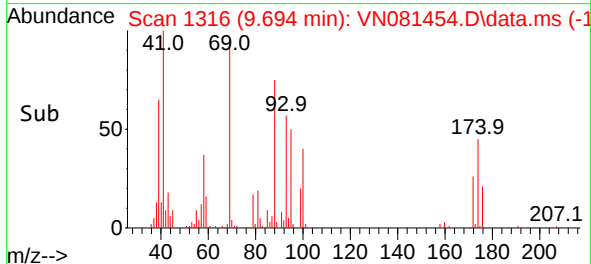
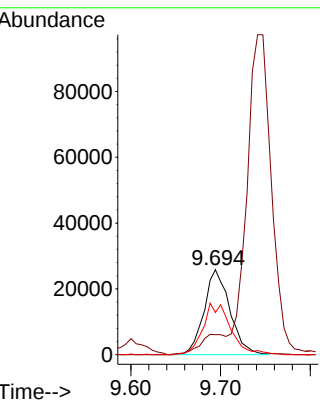
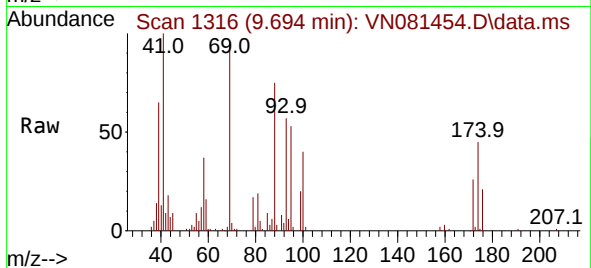
#49
1,4-Dioxane
Concen: 411.852 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 51598
Ion Ratio Lower Upper
88 100
43 24.4 30.1 45.1
58 65.0 63.9 95.9

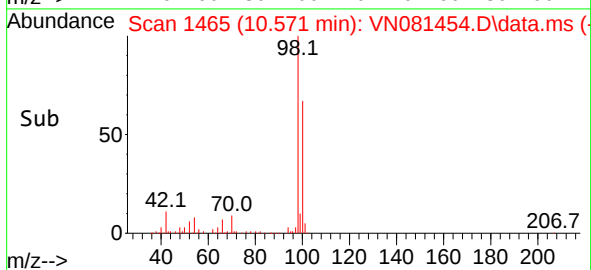
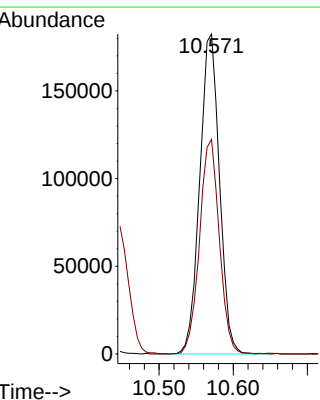
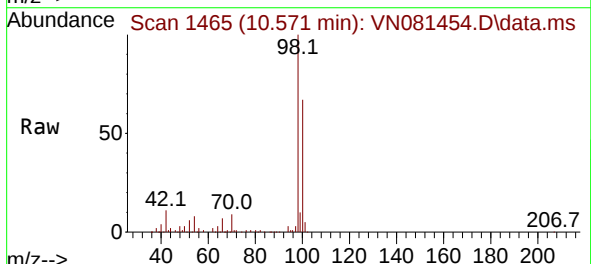
Manual Integrations
APPROVED

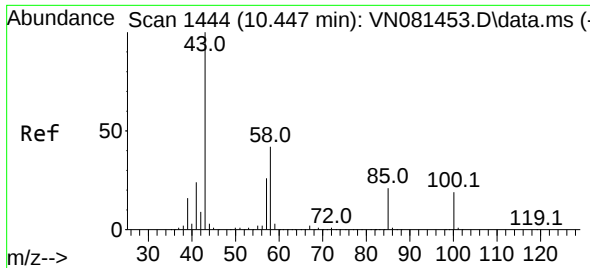
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#50
Toluene-d8
Concen: 19.708 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 98 Resp: 337098
Ion Ratio Lower Upper
98 100
100 67.1 51.4 77.0





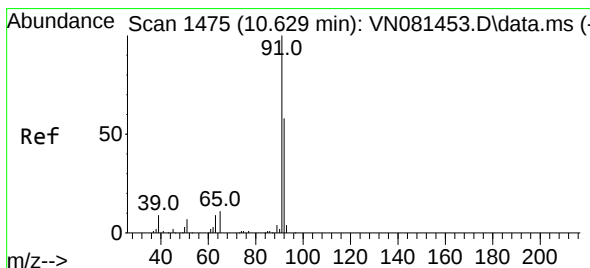
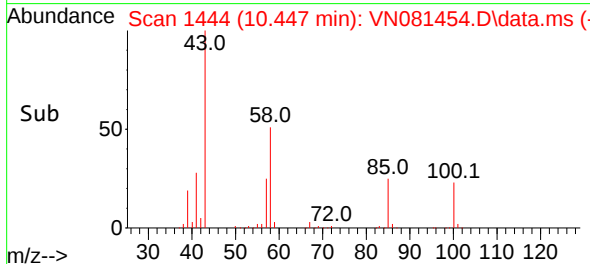
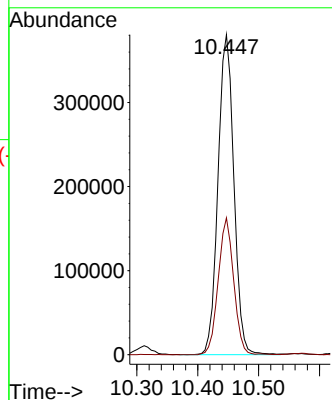
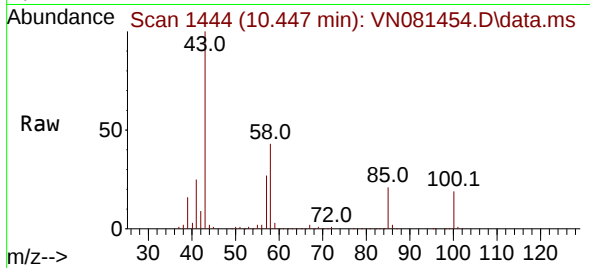
#51
4-Methyl-2-Pentanone
Concen: 99.719 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 687749
Ion Ratio Lower Upper
43 100
58 41.8 29.4 44.0

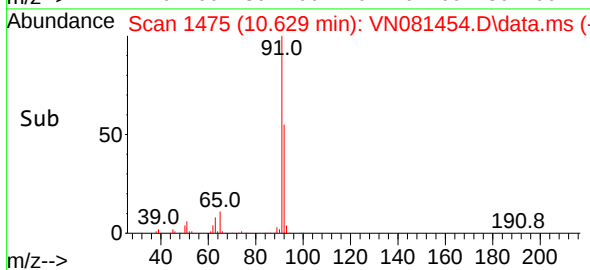
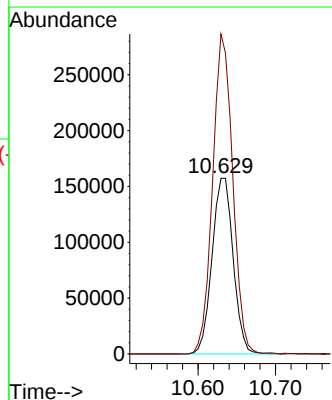
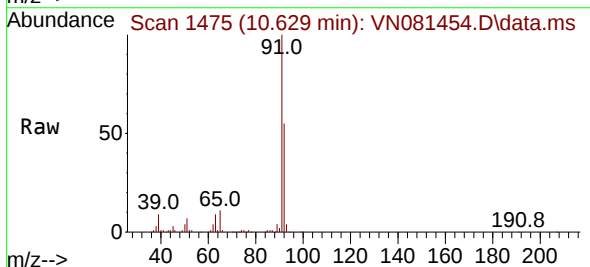
Manual Integrations
APPROVED

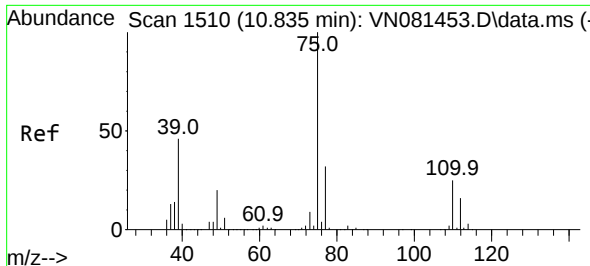
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#52
Toluene
Concen: 20.134 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 92 Resp: 297917
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





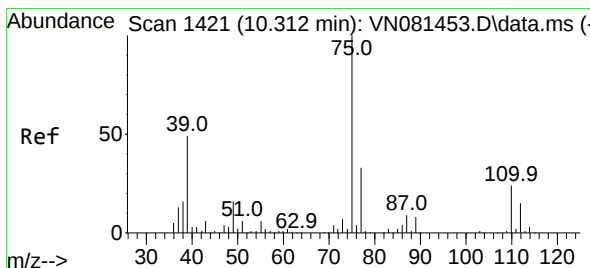
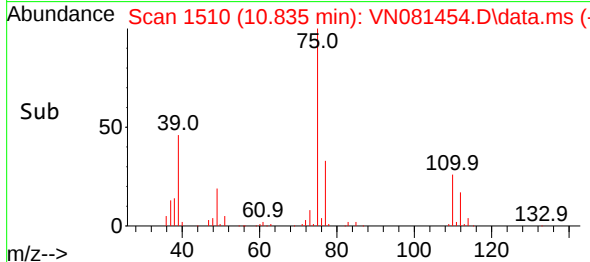
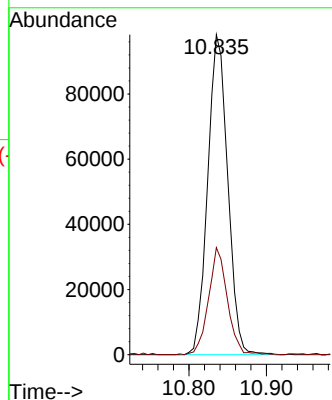
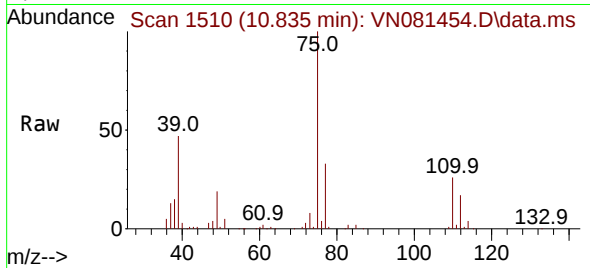
#53
t-1,3-Dichloropropene
Concen: 19.477 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 17618
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3

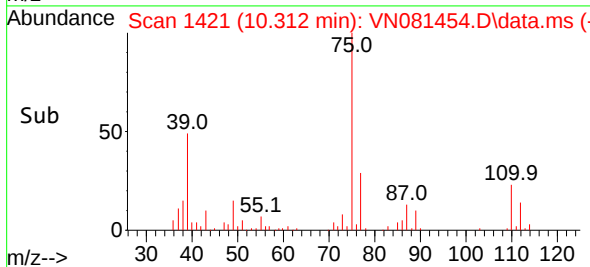
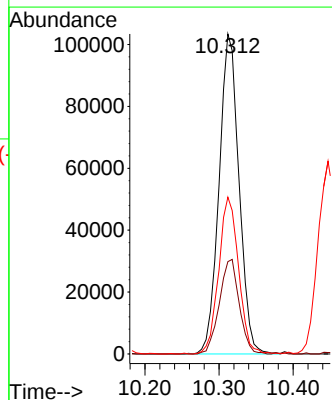
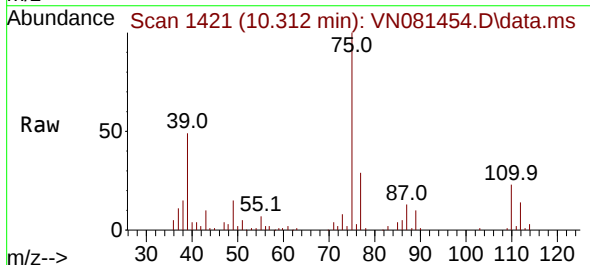
Manual Integrations
APPROVED

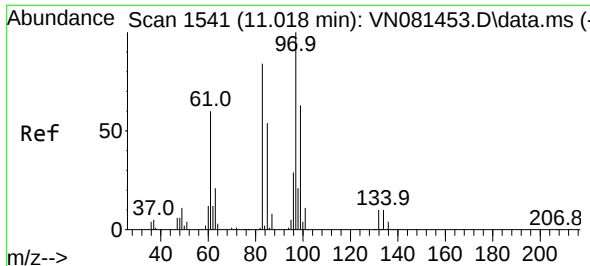
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#54
cis-1,3-Dichloropropene
Concen: 19.927 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

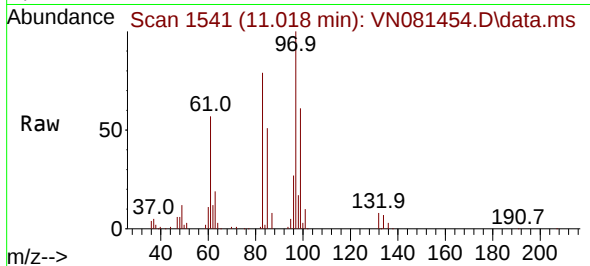
Tgt Ion: 75 Resp: 193267
Ion Ratio Lower Upper
75 100
77 28.9 23.3 34.9
39 49.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.096 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

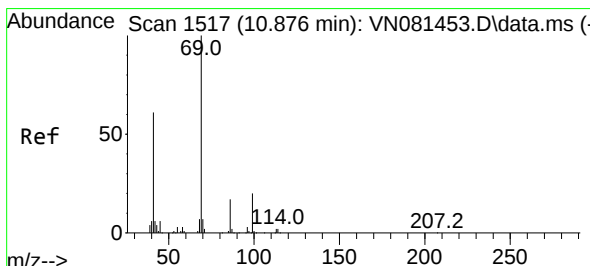
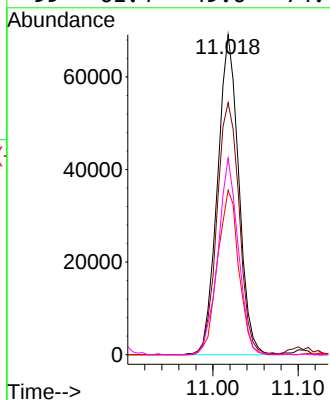
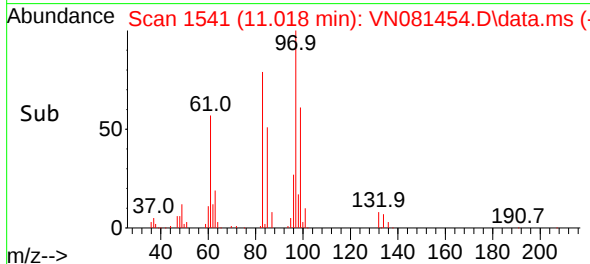
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97 Resp: 119668
Ion Ratio Lower Upper
97 100
83 78.8 72.9 109.3
85 51.4 50.2 75.2
99 61.4 49.6 74.4

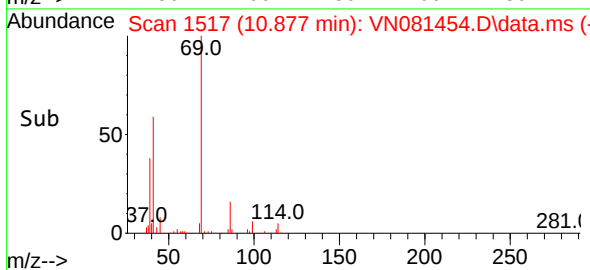
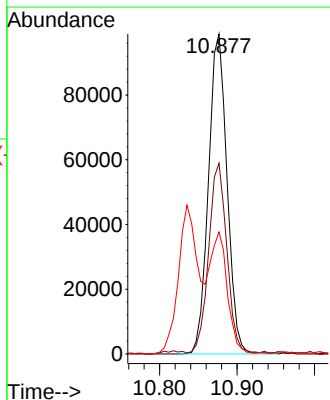
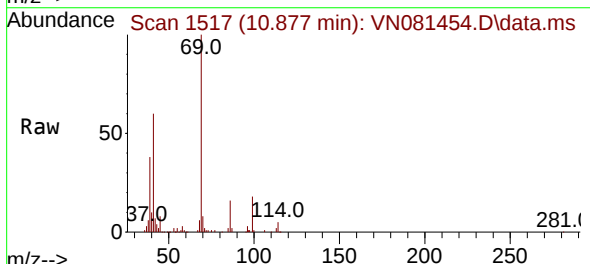
Manual Integrations
APPROVED

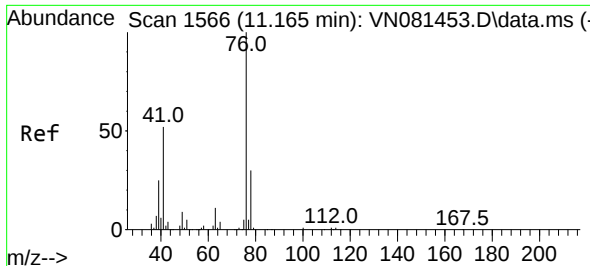
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#56
Ethyl methacrylate
Concen: 20.151 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 69 Resp: 164911
Ion Ratio Lower Upper
69 100
41 57.7 61.0 91.6#
39 34.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.123 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 19644

Ion Ratio Lower Upper

76 100

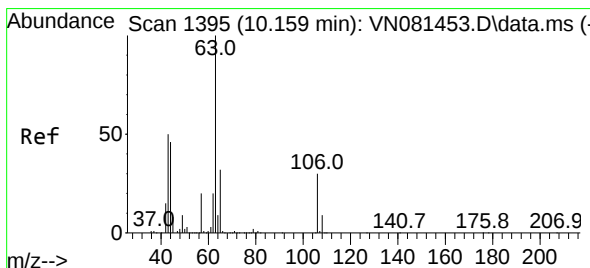
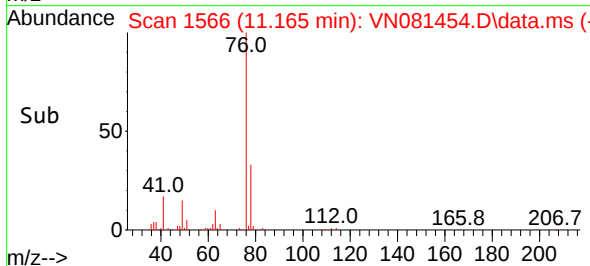
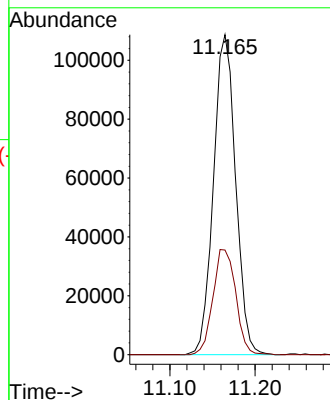
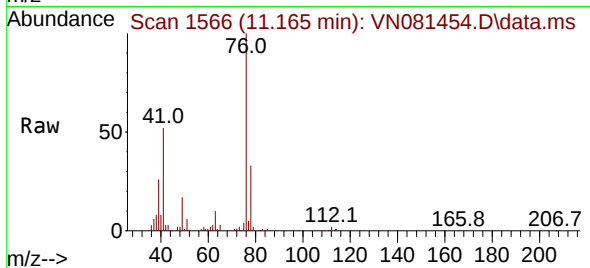
78 33.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 107.443 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081454.D

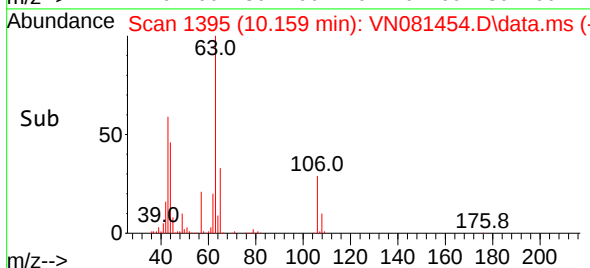
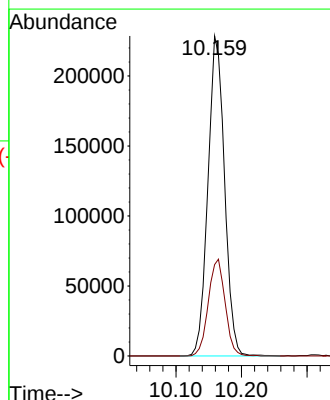
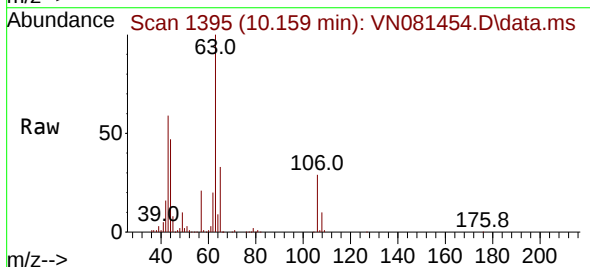
Acq: 18 Mar 2024 16:51

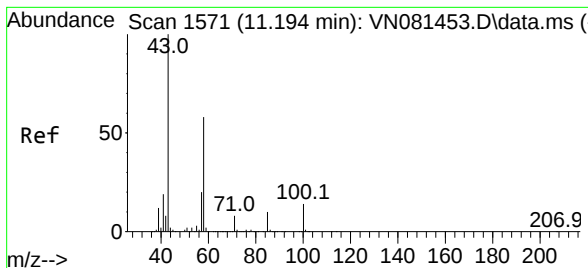
Tgt Ion: 63 Resp: 402584

Ion Ratio Lower Upper

63 100

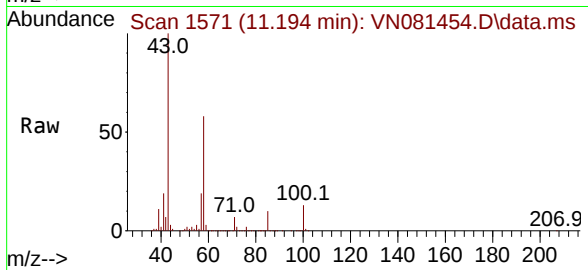
106 30.6 18.6 28.0#





#59
2-Hexanone
Concen: 102.072 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

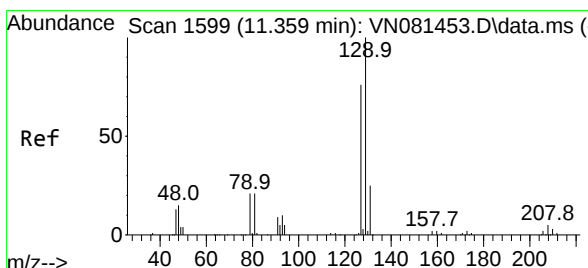
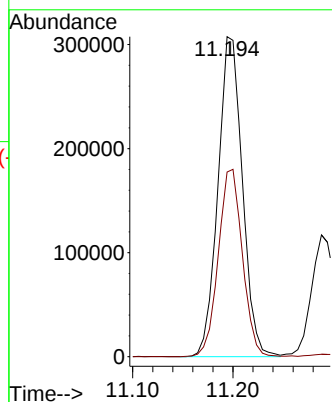
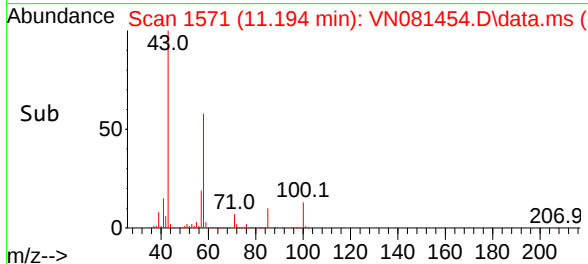
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 520478
Ion Ratio Lower Upper
43 100
58 57.8 25.9 77.8

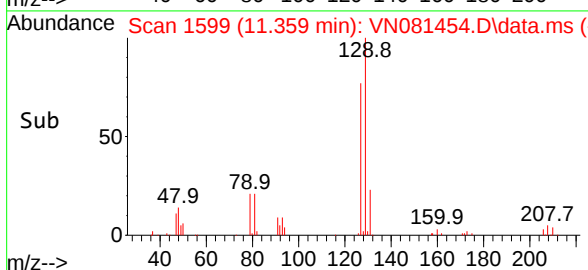
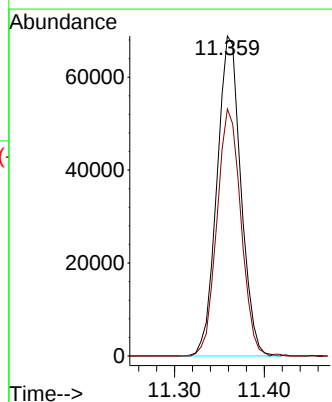
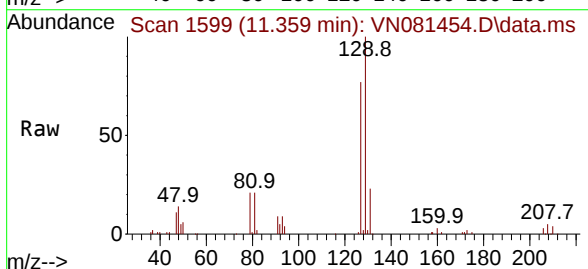
Manual Integrations
APPROVED

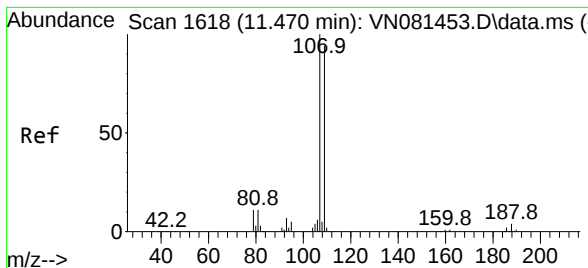
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#60
Dibromochloromethane
Concen: 19.454 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:129 Resp: 127406
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2





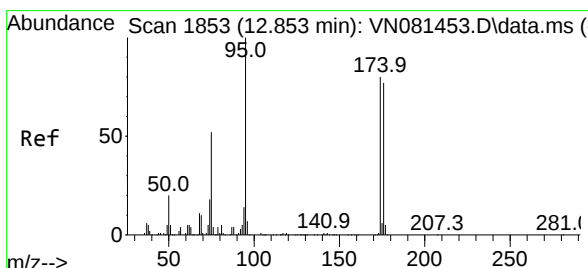
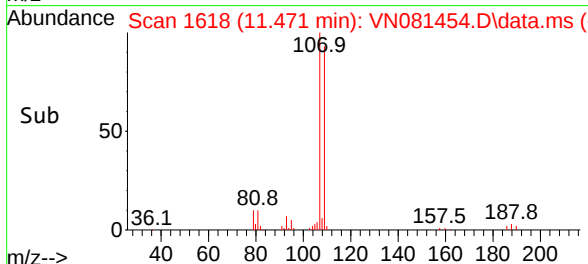
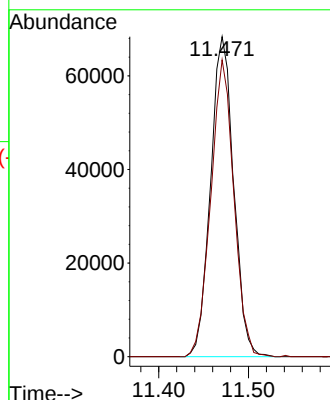
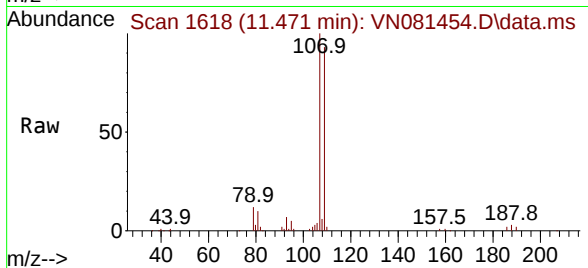
#61
1,2-Dibromoethane
Concen: 20.136 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 122249
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2

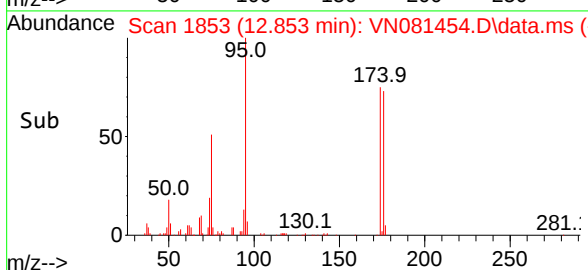
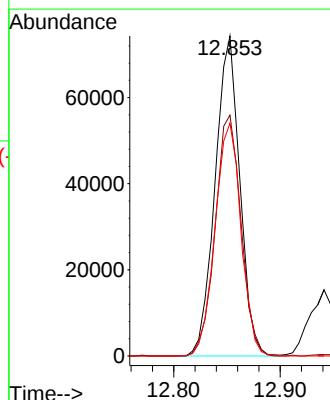
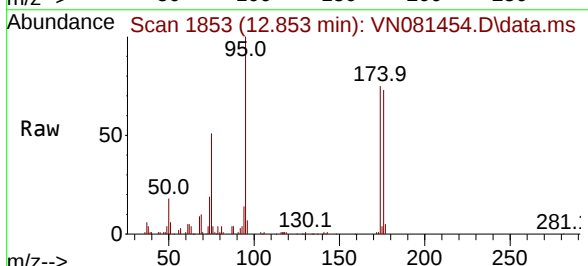
Manual Integrations
APPROVED

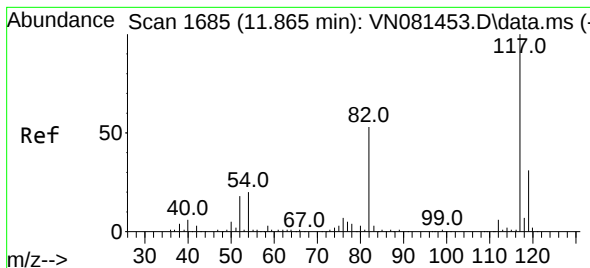
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#62
4-Bromofluorobenzene
Concen: 19.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

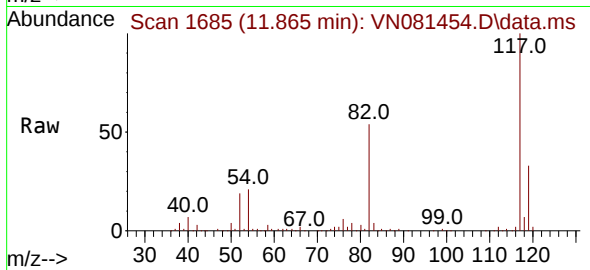
Tgt Ion: 95 Resp: 119531
Ion Ratio Lower Upper
95 100
174 78.6 0.0 120.4
176 76.3 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

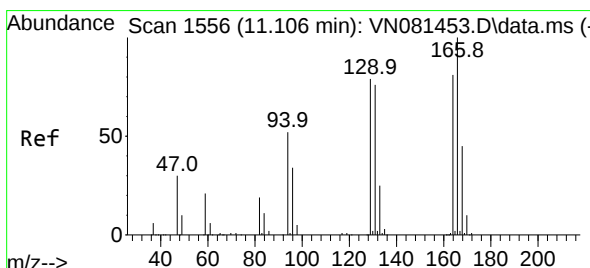
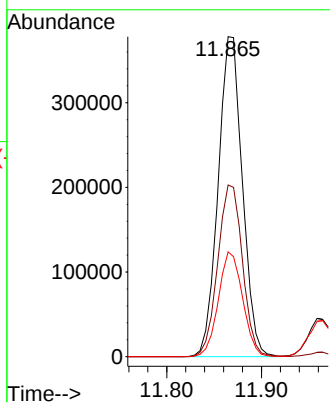
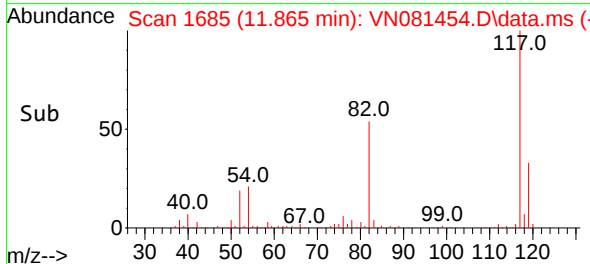
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 672392
Ion Ratio Lower Upper
117 100
82 53.7 52.7 79.1
119 32.8 25.3 37.9

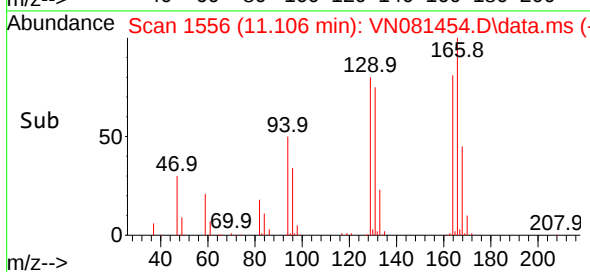
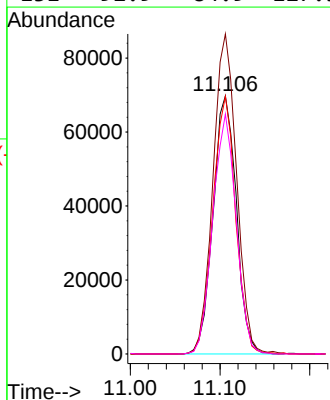
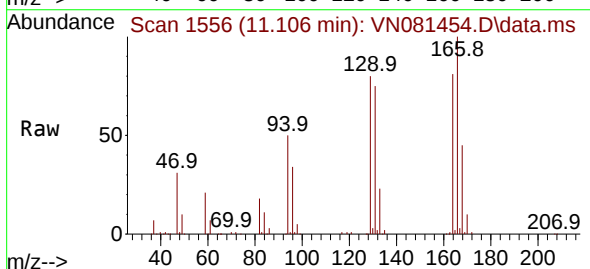
Manual Integrations
APPROVED

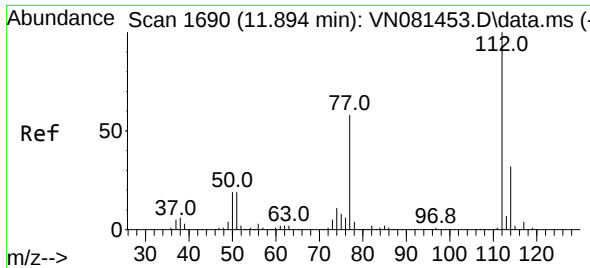
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#64
Tetrachloroethene
Concen: 19.561 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:164 Resp: 125723
Ion Ratio Lower Upper
164 100
166 124.0 105.8 158.6
129 99.8 89.6 134.4
131 92.9 84.9 127.3





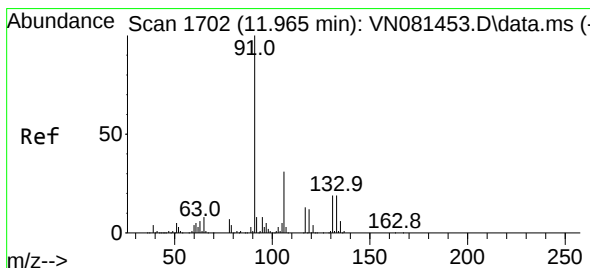
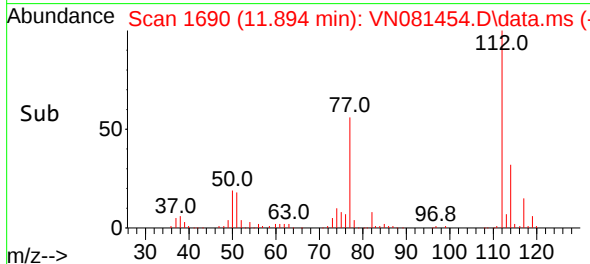
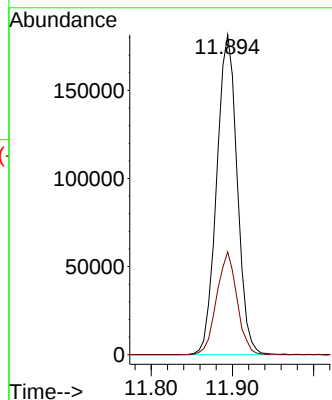
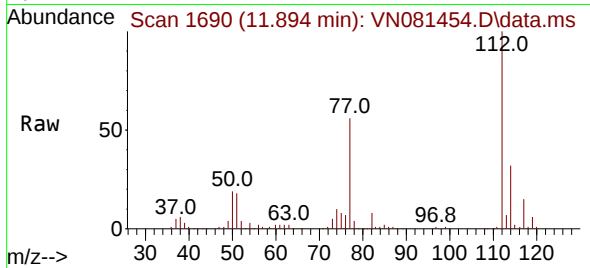
#65
Chlorobenzene
Concen: 20.068 ug/l
RT: 11.894 min Scan# 11898
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 31898
Ion Ratio Lower Upper
112 100
114 32.2 23.7 35.5

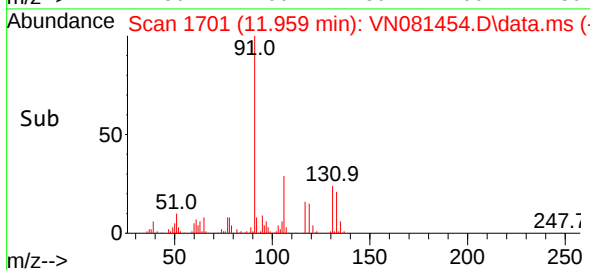
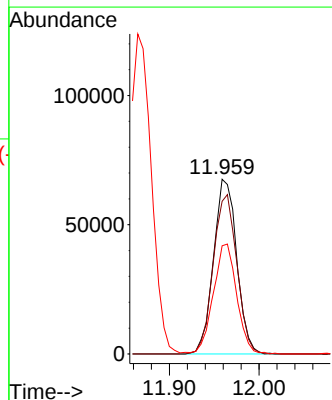
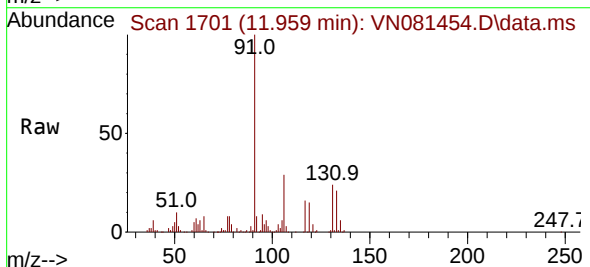
Manual Integrations
APPROVED

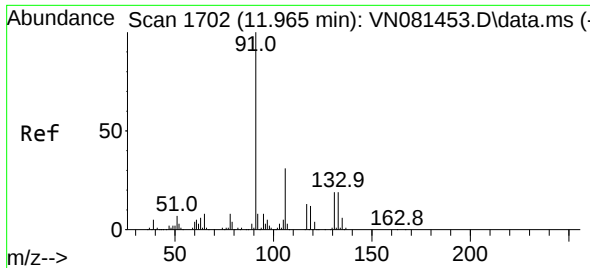
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:131 Resp: 121504
Ion Ratio Lower Upper
131 100
133 93.1 46.8 140.3
119 63.4 34.6 103.9





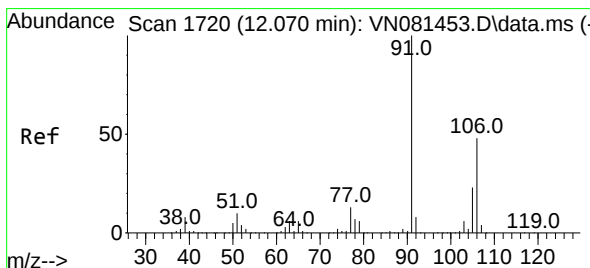
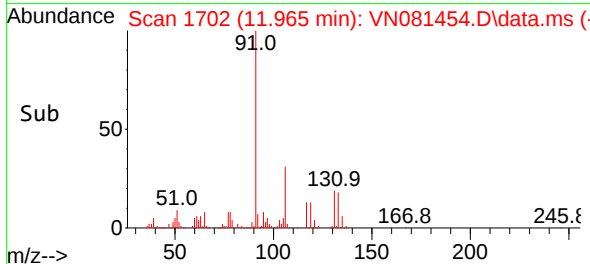
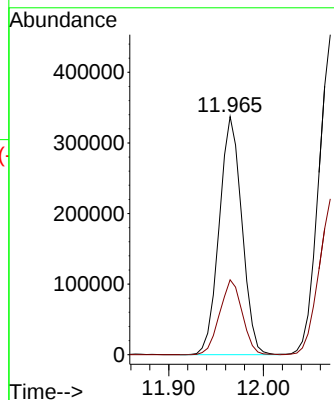
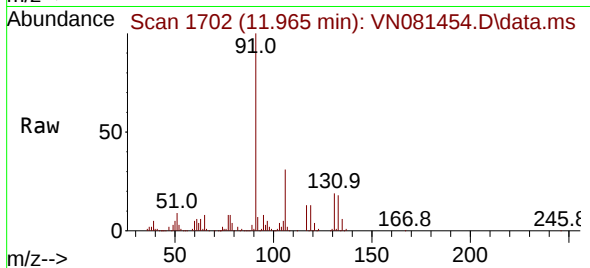
#67
Ethyl Benzene
Concen: 20.328 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 561272
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

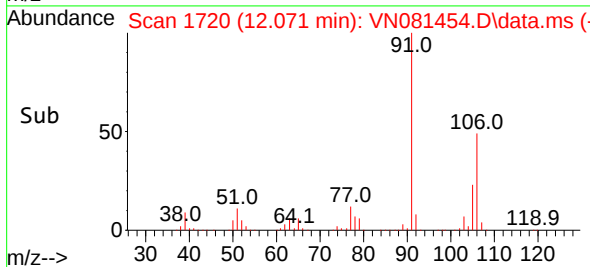
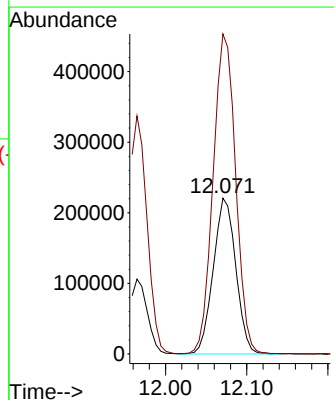
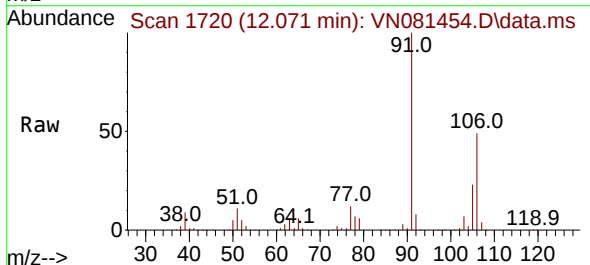
Manual Integrations
APPROVED

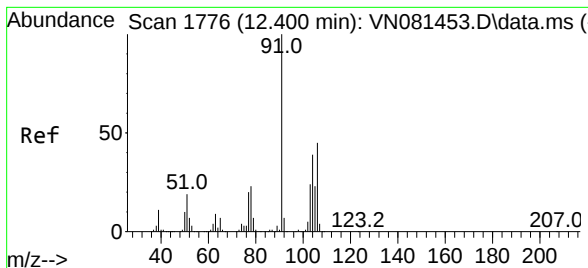
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#68
m/p-Xylenes
Concen: 41.135 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:106 Resp: 425790
Ion Ratio Lower Upper
106 100
91 206.1 169.0 253.6





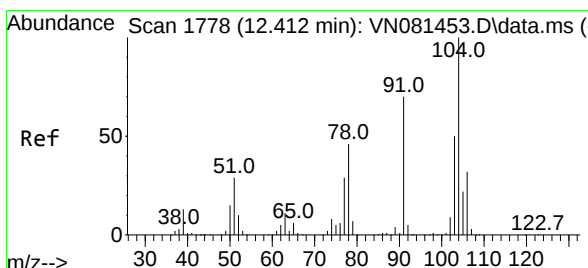
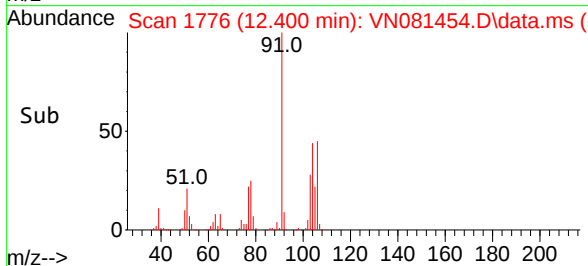
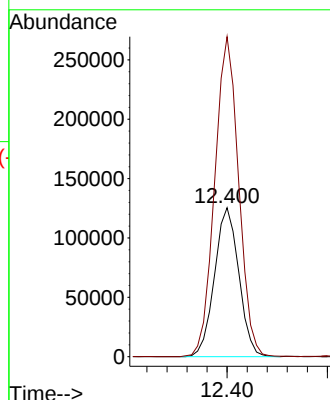
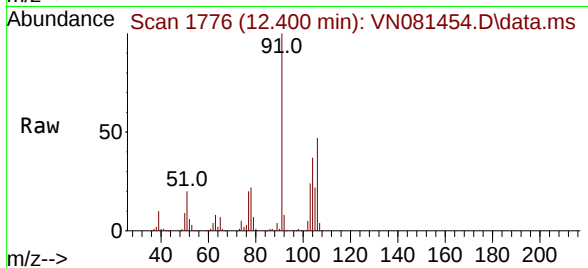
#69
o-Xylene
Concen: 20.757 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 21093
Ion Ratio Lower Upper
106 100
91 211.9 112.1 336.3

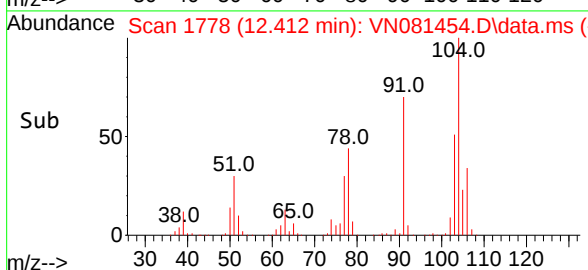
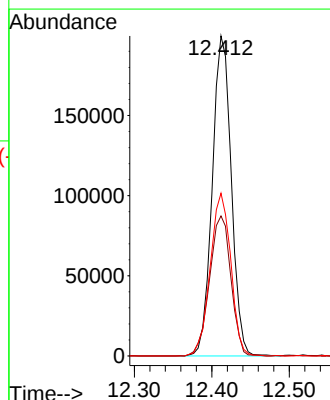
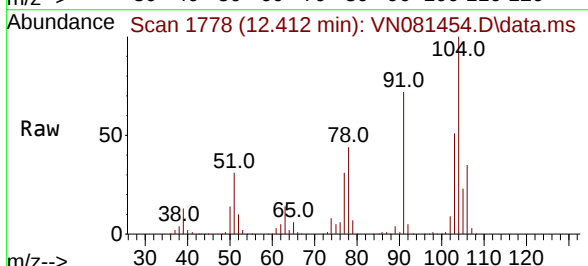
Manual Integrations
APPROVED

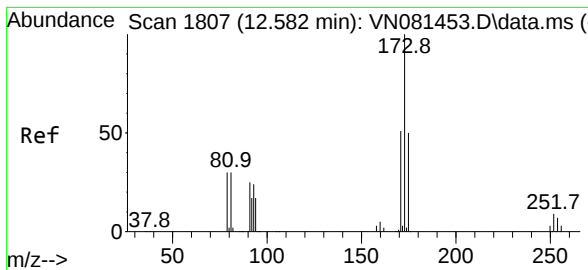
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#70
Styrene
Concen: 20.790 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:104 Resp: 340738
Ion Ratio Lower Upper
104 100
78 49.1 43.8 65.8
103 54.9 44.2 66.2





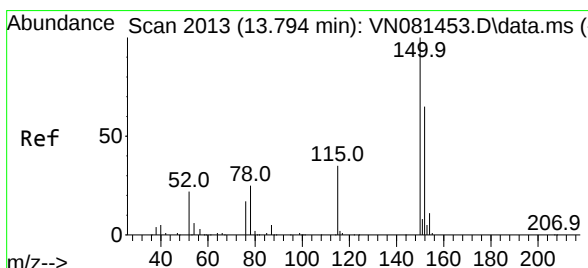
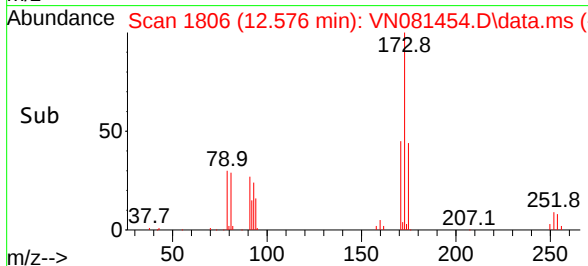
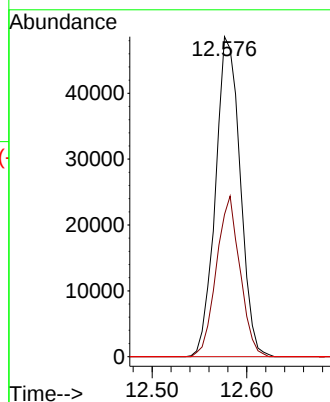
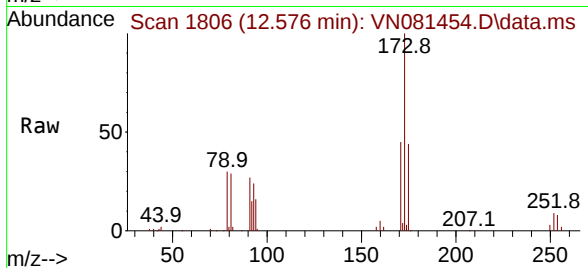
#71
Bromoform
Concen: 19.881 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 8801
Ion Ratio Lower Upper
173 100
175 48.0 23.1 69.2
254 0.0 0.0 0.0

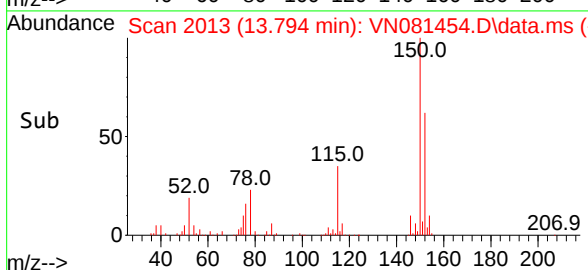
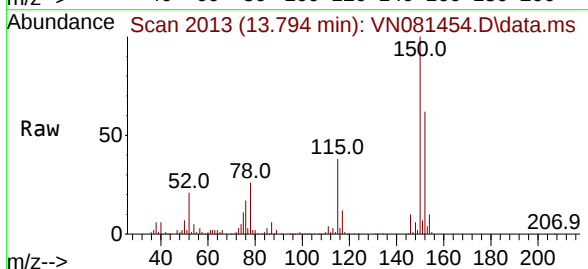
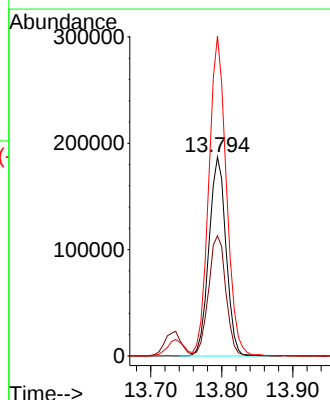
Manual Integrations
APPROVED

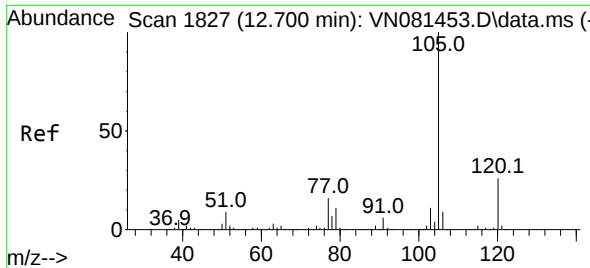
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

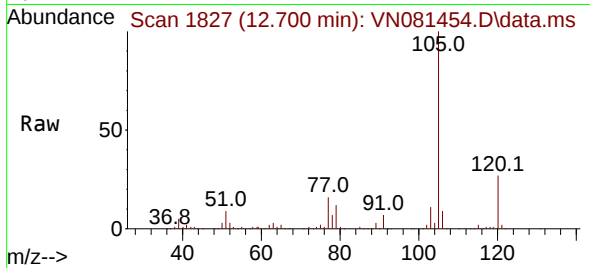
Tgt Ion:152 Resp: 312506
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 165.3 0.0 339.8





#73
Isopropylbenzene
Concen: 20.214 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

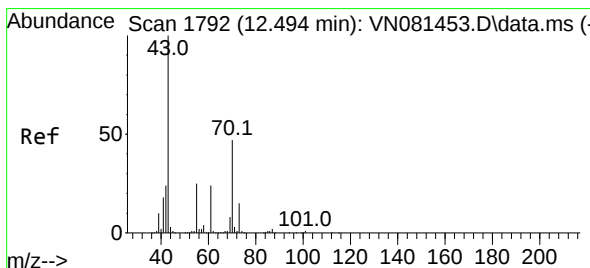
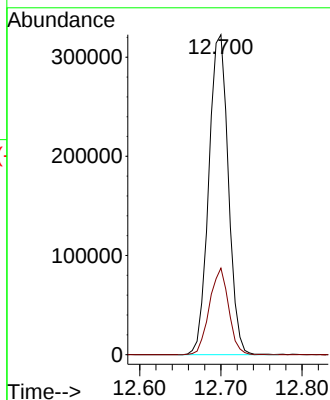
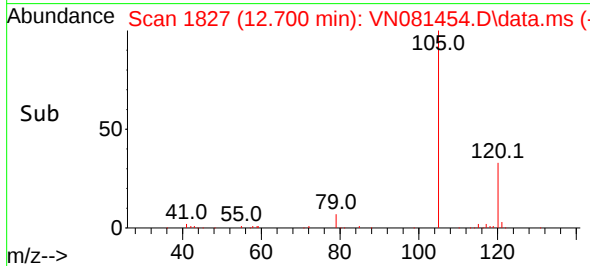
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



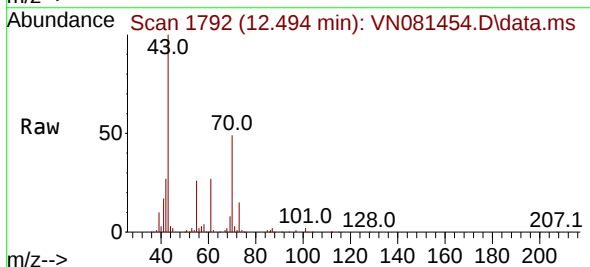
Tgt Ion:105 Resp: 538474
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

Manual Integrations
APPROVED

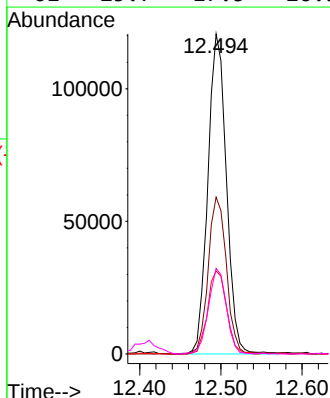
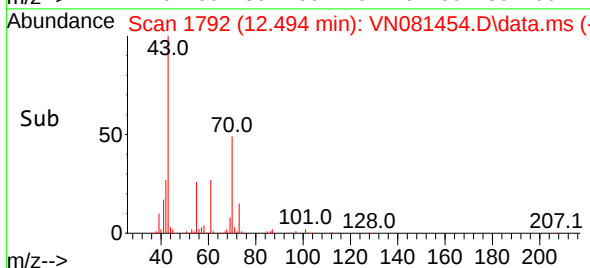
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

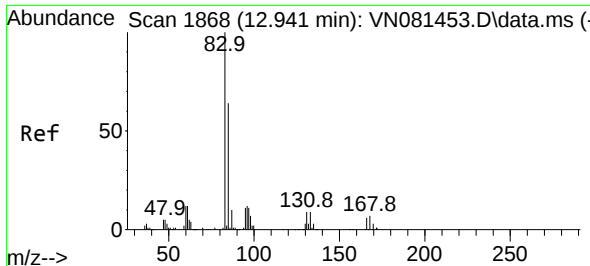


#74
N-ethyl acetate
Concen: 19.826 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



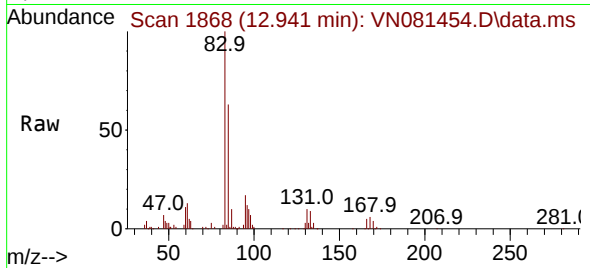
Tgt Ion: 43 Resp: 191128
Ion Ratio Lower Upper
43 100
70 48.4 30.1 45.1#
55 26.5 17.0 25.4#
61 25.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.839 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

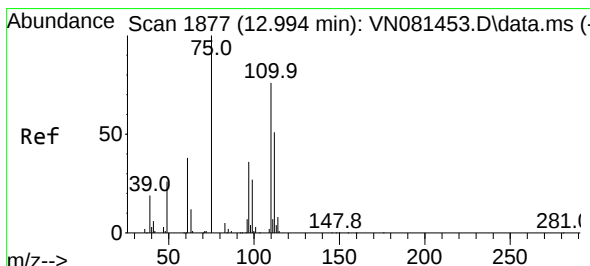
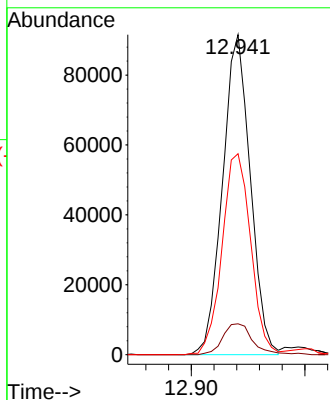
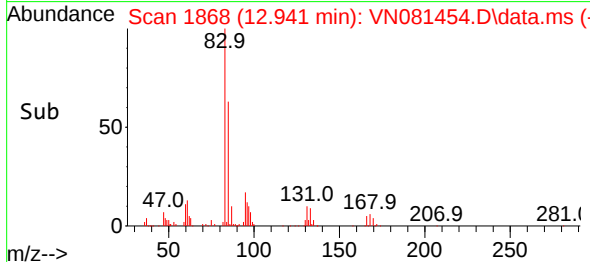
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



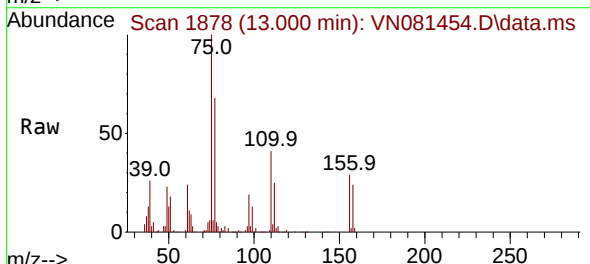
Tgt Ion: 83 Resp: 15538
Ion Ratio Lower Upper
83 100
131 10.5 4.1 12.3
85 64.9 32.1 96.3

Manual Integrations
APPROVED

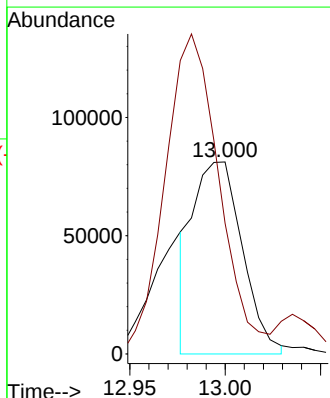
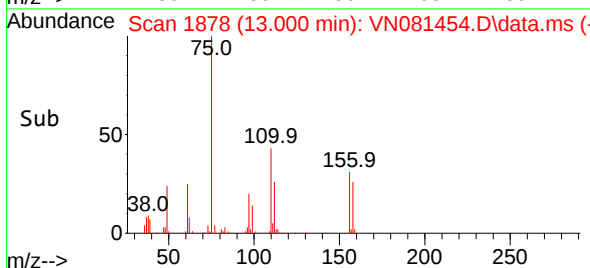
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

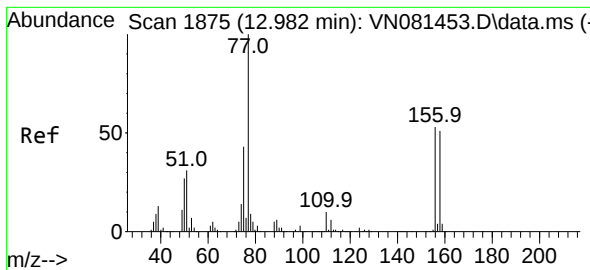


#76
1,2,3-Trichloropropane
Concen: 19.524 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



Tgt Ion: 75 Resp: 145613
Ion Ratio Lower Upper
75 100
77 184.6 91.0 272.8





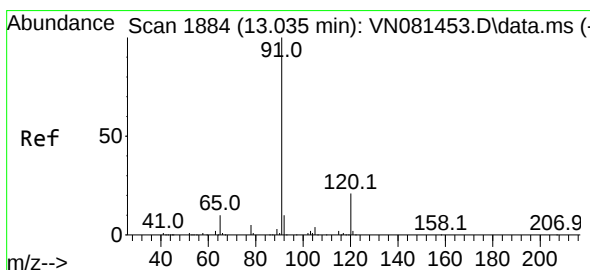
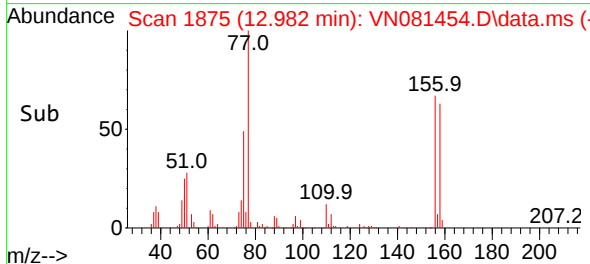
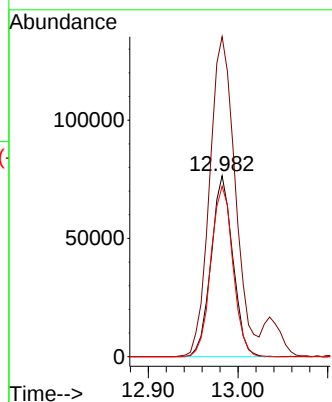
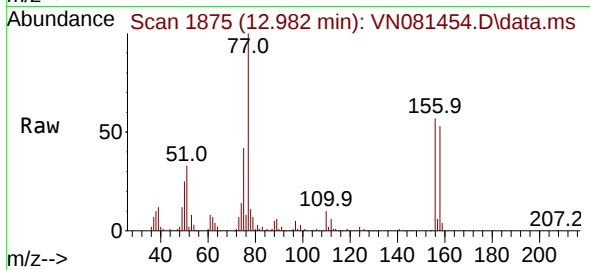
#77
Bromobenzene
Concen: 19.553 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 128660
Ion Ratio Lower Upper
156 100
77 209.0 138.1 414.3
158 95.4 46.5 139.5

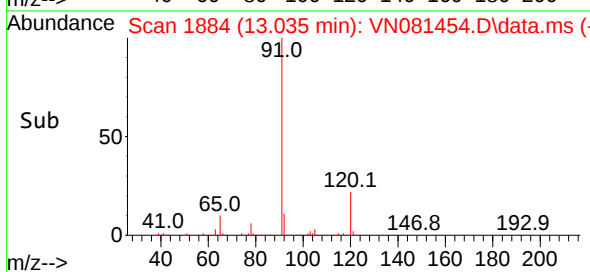
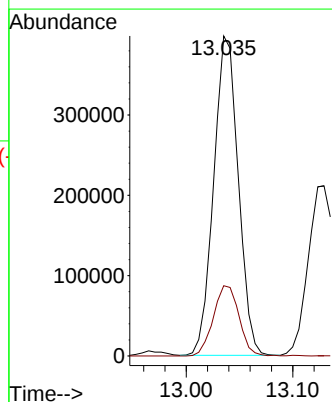
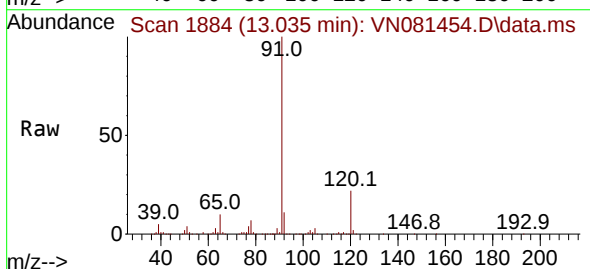
Manual Integrations
APPROVED

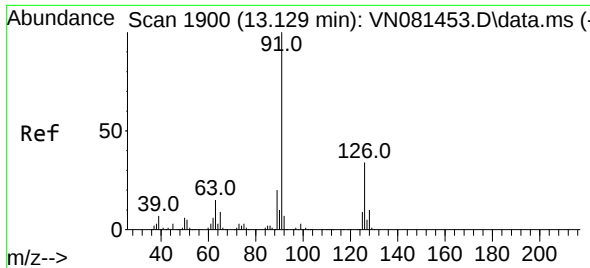
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#78
n-propylbenzene
Concen: 20.248 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion: 91 Resp: 636966
Ion Ratio Lower Upper
91 100
120 23.0 10.3 30.9





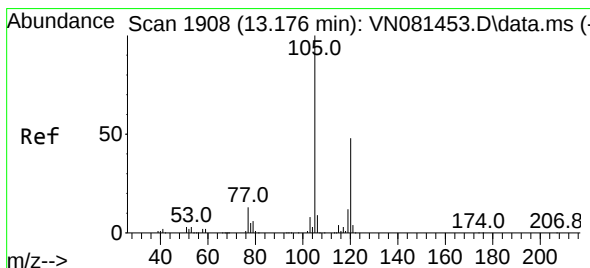
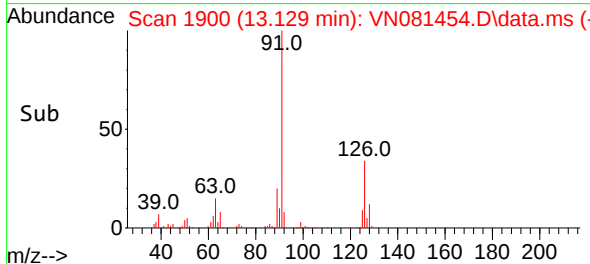
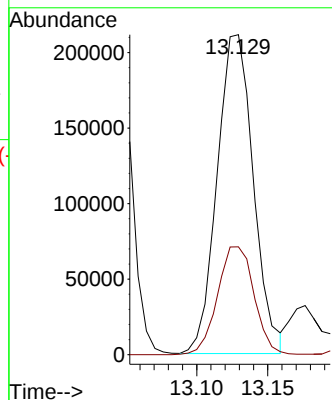
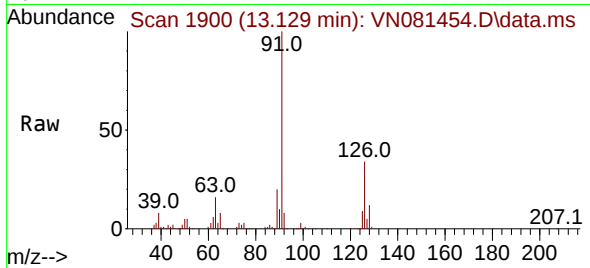
#79
2-Chlorotoluene
Concen: 19.896 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 37460
Ion Ratio Lower Upper
91 100
126 34.2 14.8 44.4

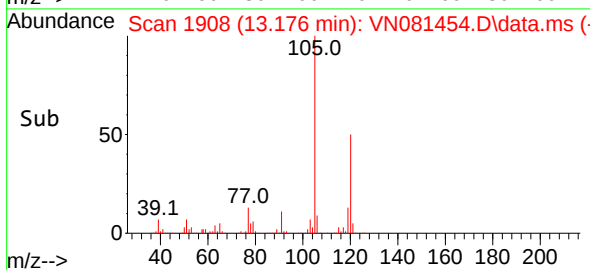
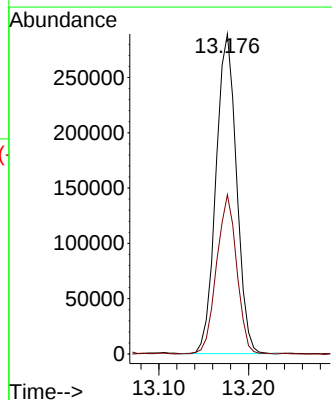
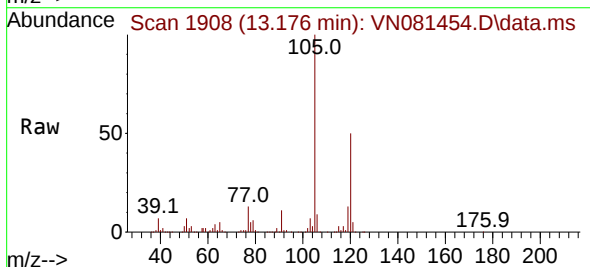
Manual Integrations
APPROVED

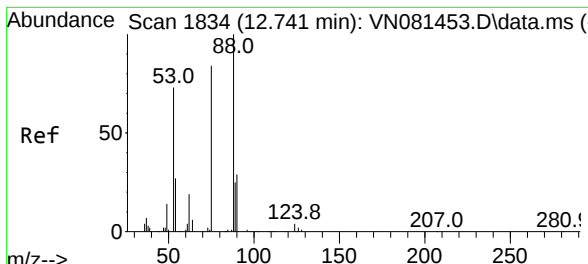
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

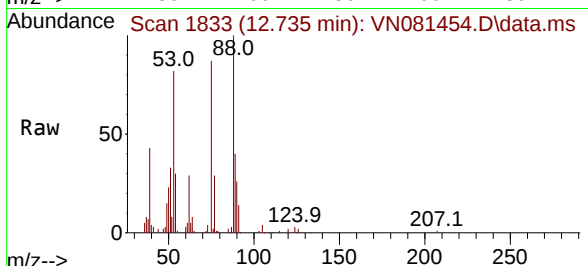
Tgt Ion:105 Resp: 459690
Ion Ratio Lower Upper
105 100
120 48.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.912 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

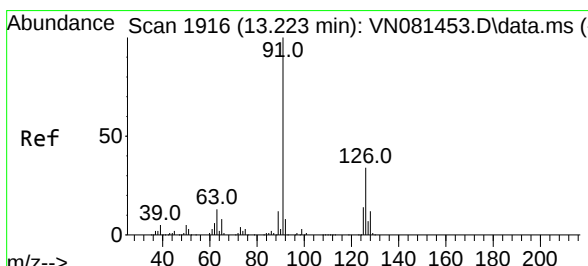
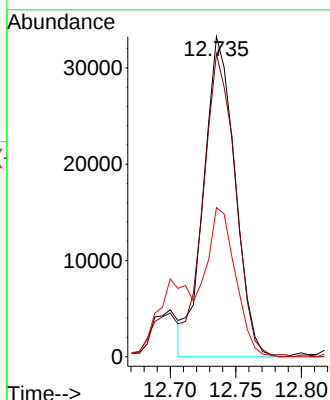
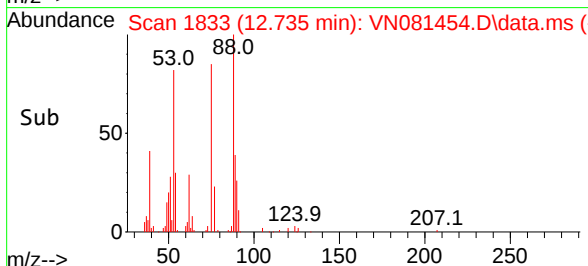
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 5508
Ion Ratio Lower Upper
75 100
53 97.8 71.4 107.2
89 44.2 33.4 50.0

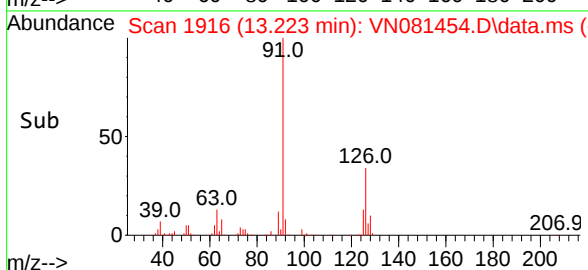
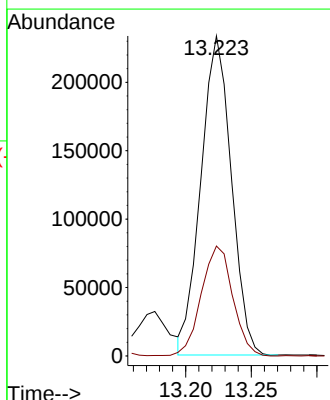
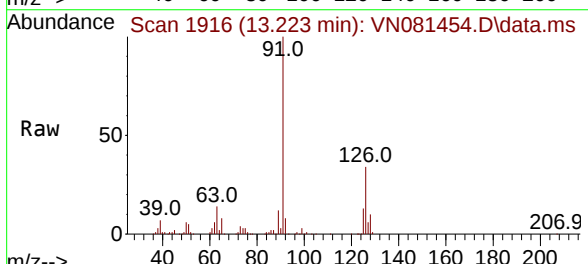
Manual Integrations
APPROVED

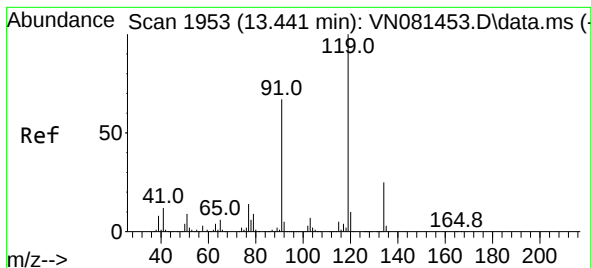
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#82
4-Chlorotoluene
Concen: 20.243 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

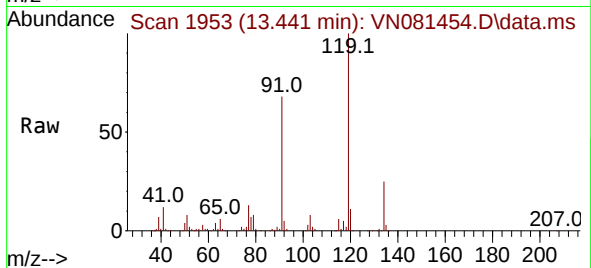
Tgt Ion: 91 Resp: 375774
Ion Ratio Lower Upper
91 100
126 35.7 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.195 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

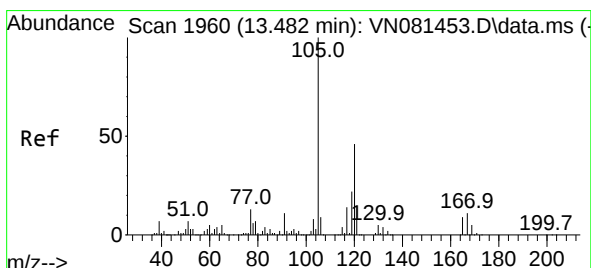
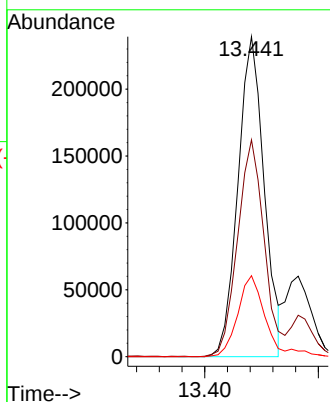
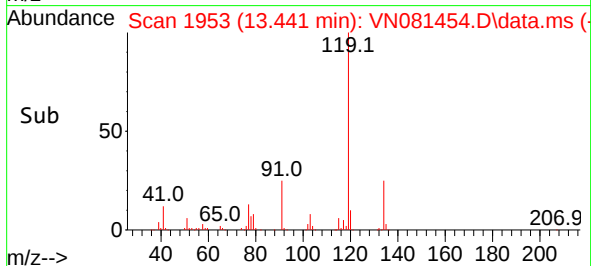
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



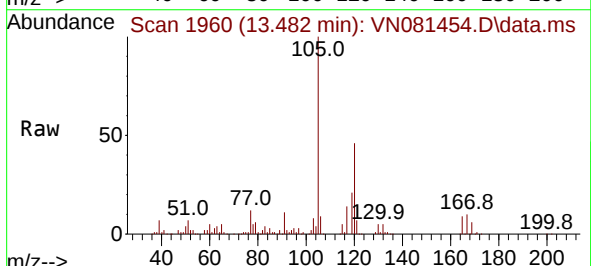
Tgt Ion:119 Resp: 383160
Ion Ratio Lower Upper
119 100
91 69.2 36.8 110.4
134 27.1 12.4 37.4

Manual Integrations
APPROVED

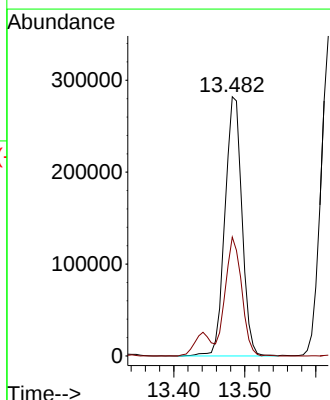
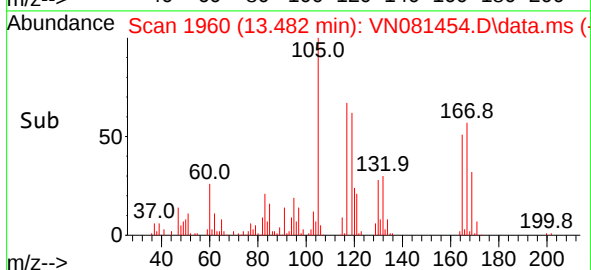
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

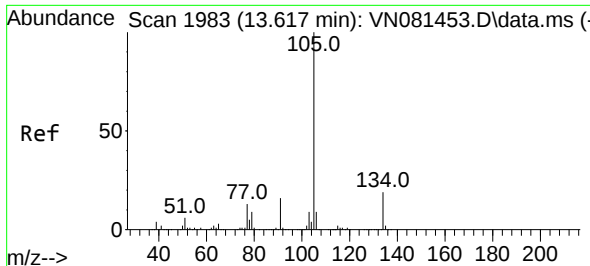


#84
1,2,4-Trimethylbenzene
Concen: 21.160 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



Tgt Ion:105 Resp: 467932
Ion Ratio Lower Upper
105 100
120 44.1 20.9 62.7





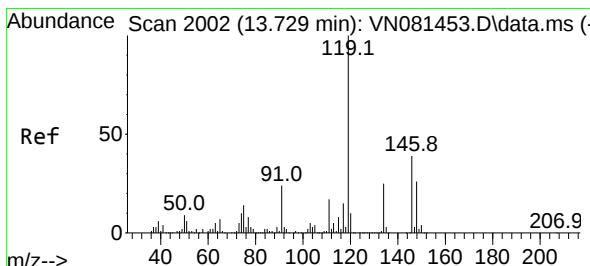
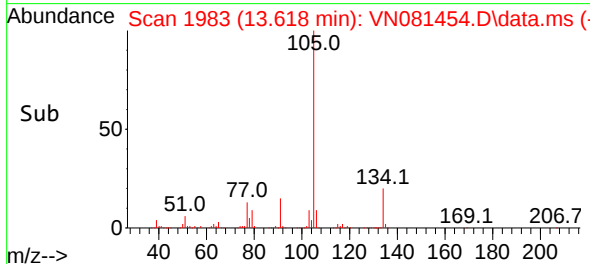
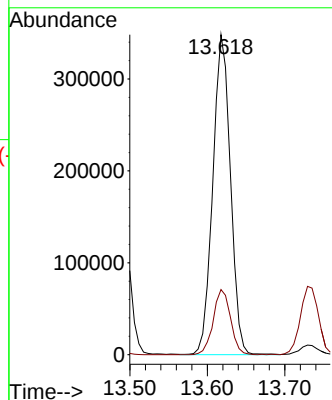
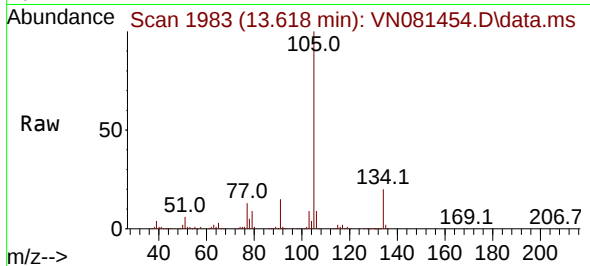
#85
 sec-Butylbenzene
 Concen: 20.333 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 551478
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

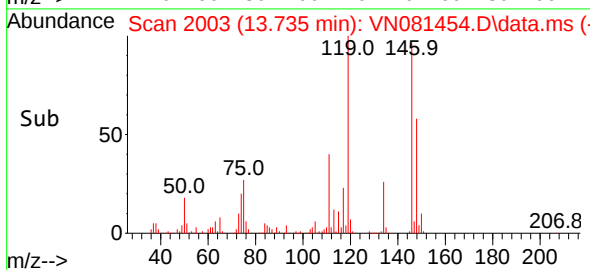
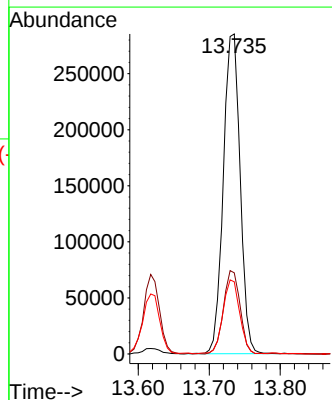
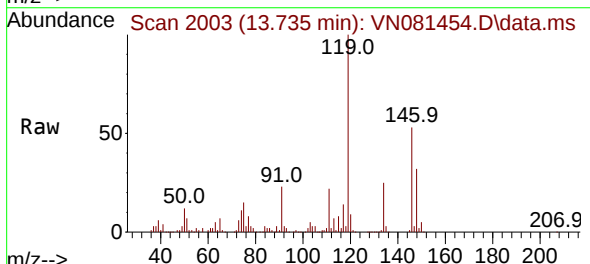
Manual Integrations
 APPROVED

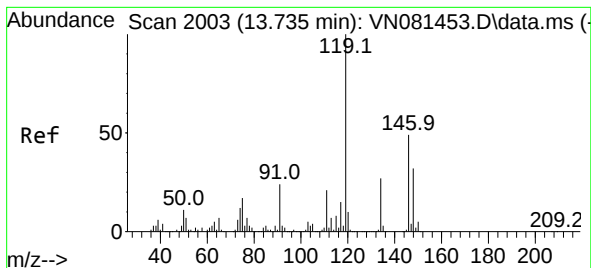
Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024



#86
 p-Isopropyltoluene
 Concen: 21.105 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081454.D
 Acq: 18 Mar 2024 16:51

Tgt Ion:119 Resp: 467926
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 23.1 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 20.218 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 24444

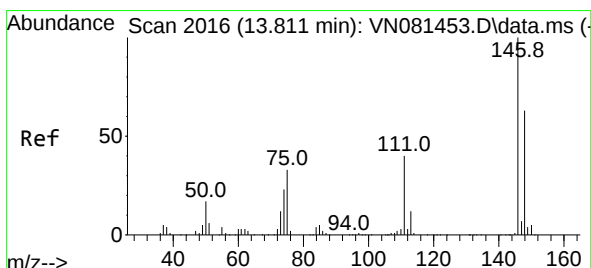
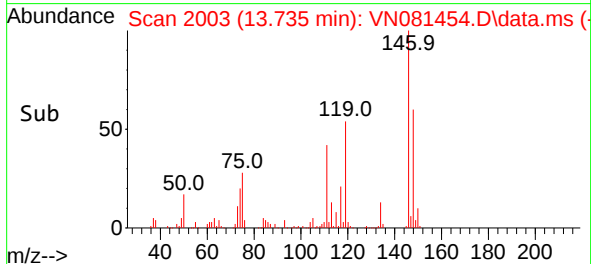
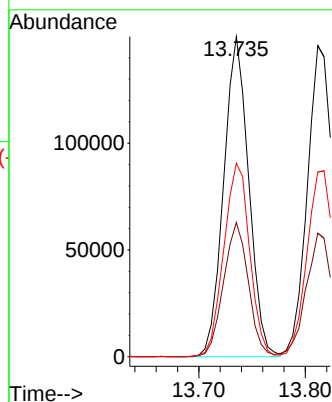
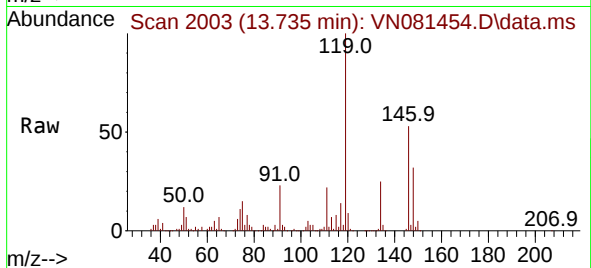
Ion	Ratio	Lower	Upper
146	100		
111	41.6	23.9	71.7
148	62.5	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#88

1,4-Dichlorobenzene

Concen: 19.658 ug/l

RT: 13.812 min Scan# 2016

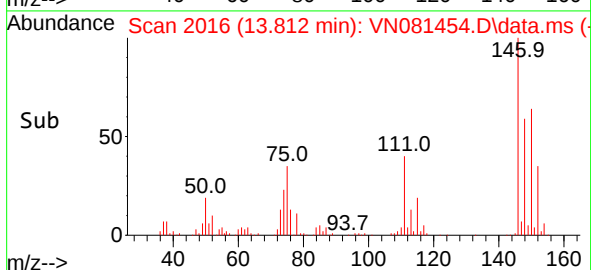
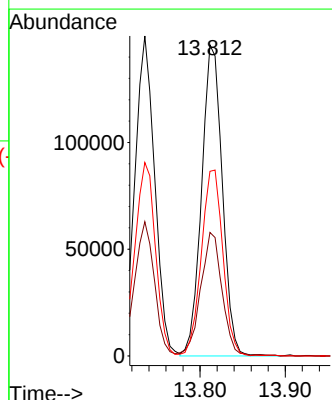
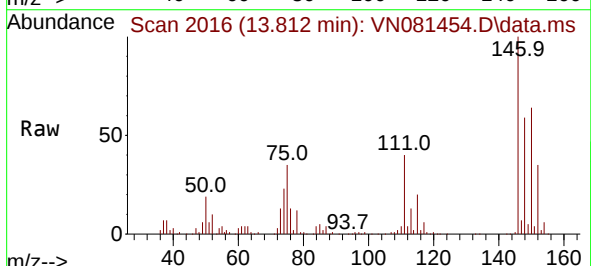
Delta R.T. 0.000 min

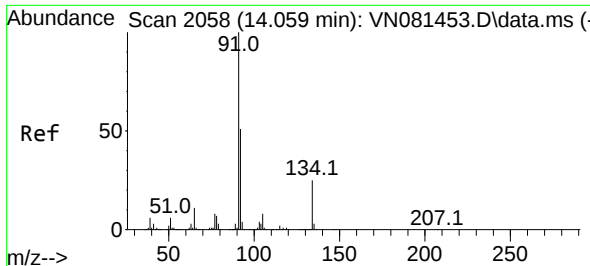
Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Tgt Ion:146 Resp: 246094

Ion	Ratio	Lower	Upper
146	100		
111	40.2	22.6	67.7
148	62.0	31.9	95.5





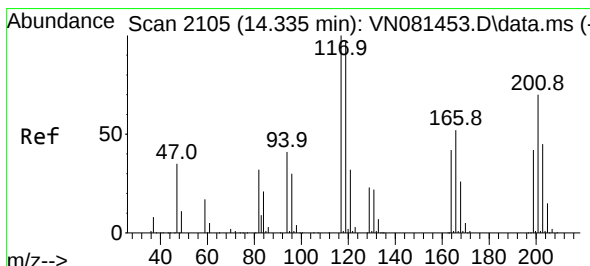
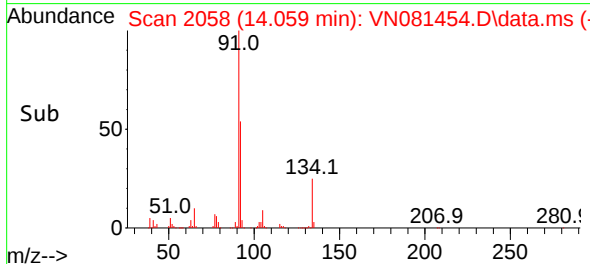
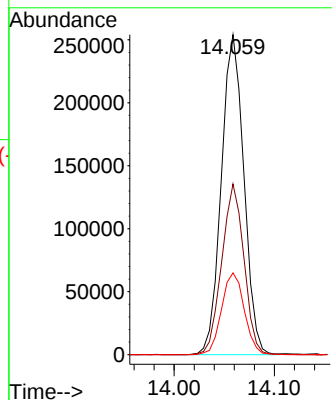
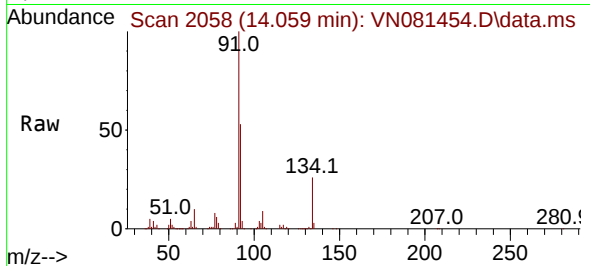
#89
n-Butylbenzene
Concen: 20.162 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 396392
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 25.8 10.8 32.4

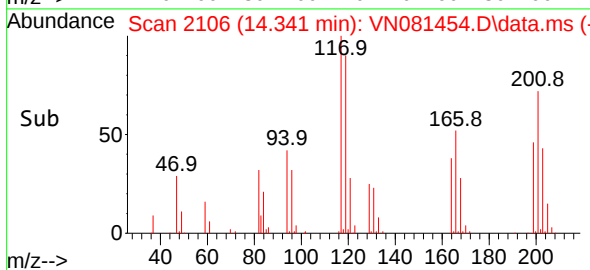
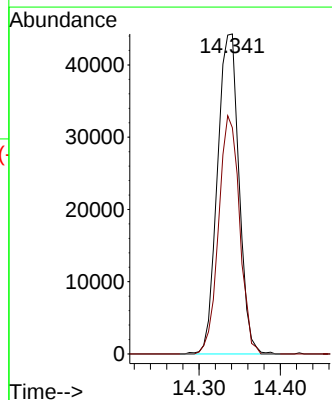
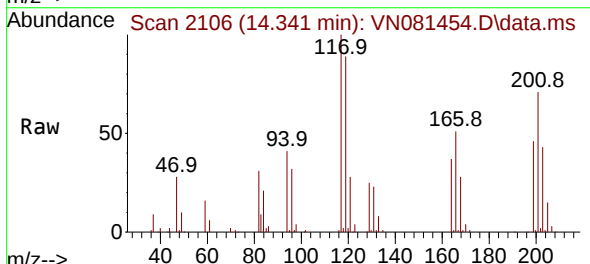
Manual Integrations
APPROVED

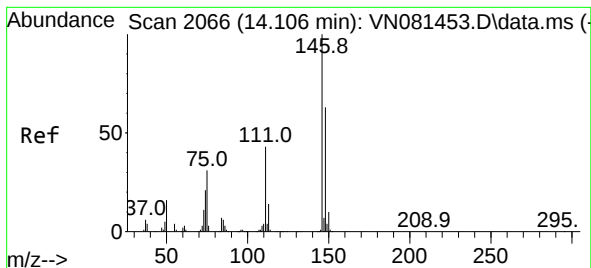
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#90
Hexachloroethane
Concen: 19.519 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

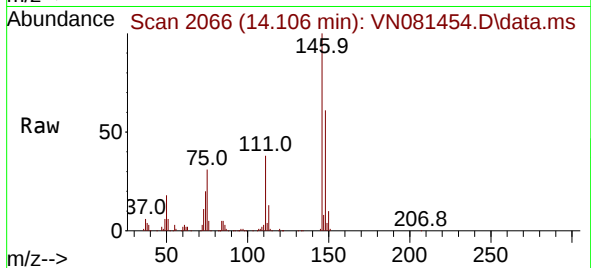
Tgt Ion:117 Resp: 81960
Ion Ratio Lower Upper
117 100
201 72.3 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.986 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

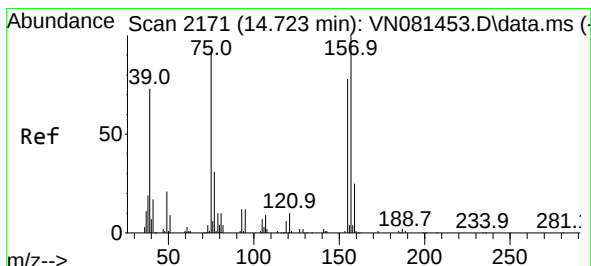
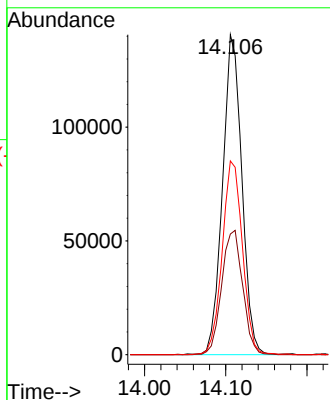
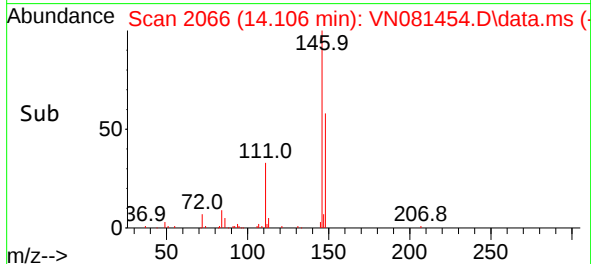
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



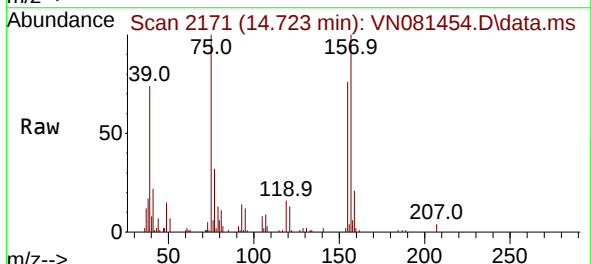
Tgt Ion:146 Resp: 232568
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.8
148 63.7 31.4 94.0

Manual Integrations
APPROVED

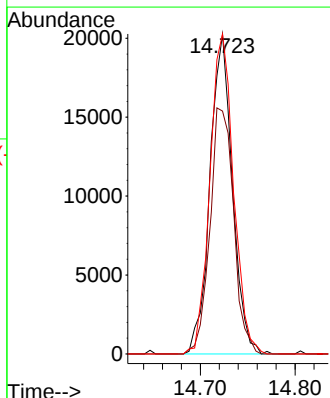
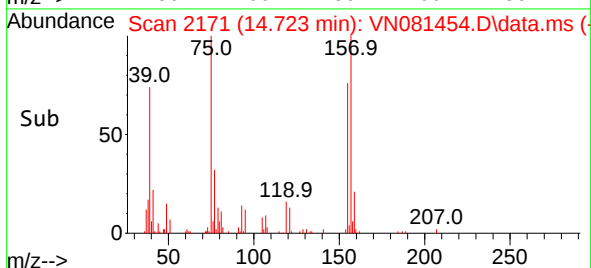
Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

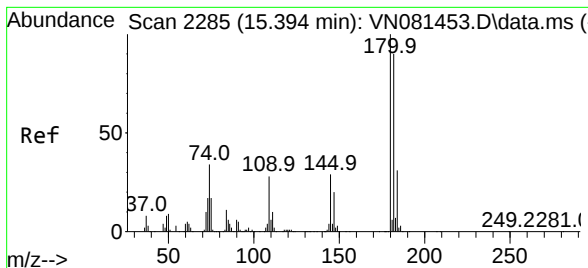


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.988 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51



Tgt Ion: 75 Resp: 33316
Ion Ratio Lower Upper
75 100
155 81.3 31.8 95.4
157 105.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.573 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 131699

Ion Ratio Lower Upper

180 100

182 95.2 46.6 139.7

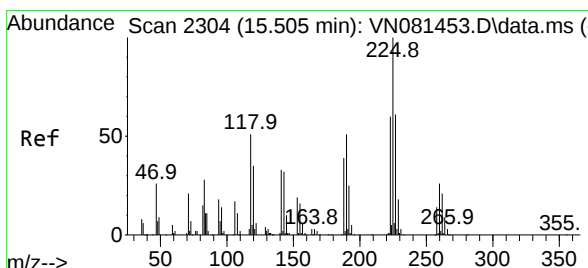
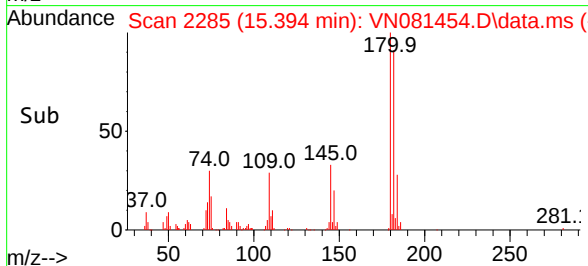
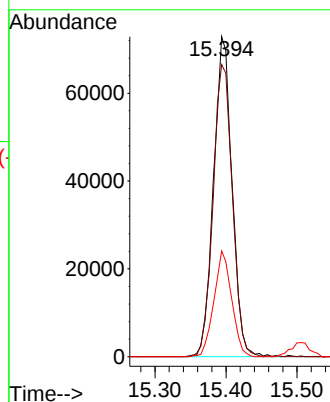
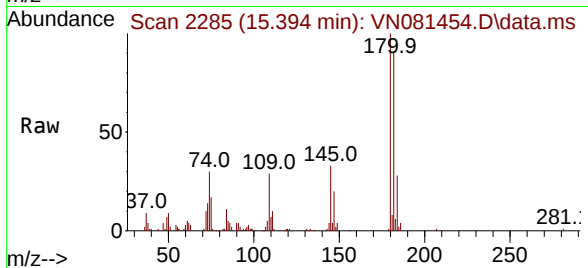
145 31.7 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2024

Supervised By :Mahesh Dadoda 03/19/2024



#94

Hexachlorobutadiene

Concen: 19.491 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081454.D

Acq: 18 Mar 2024 16:51

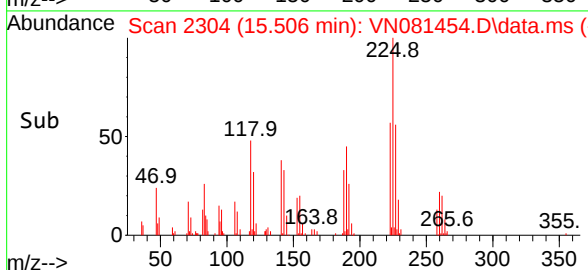
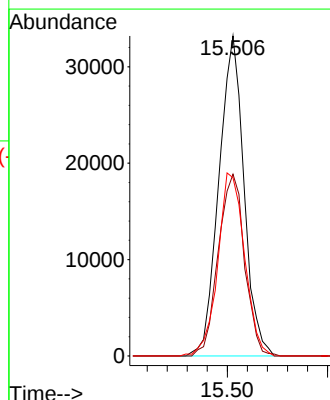
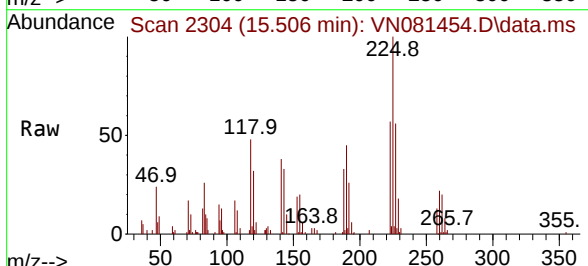
Tgt Ion:225 Resp: 57541

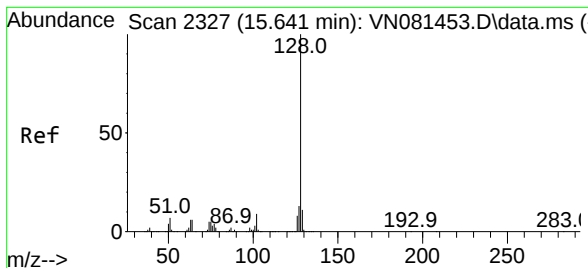
Ion Ratio Lower Upper

225 100

223 59.6 33.3 99.8

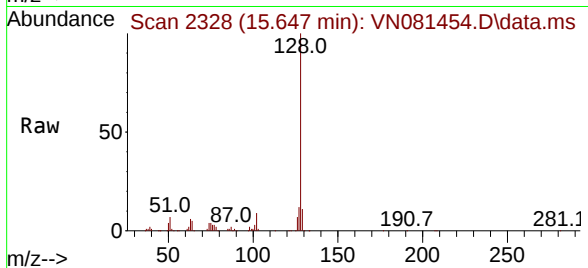
227 61.0 33.1 99.2





#95
Naphthalene
Concen: 20.087 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

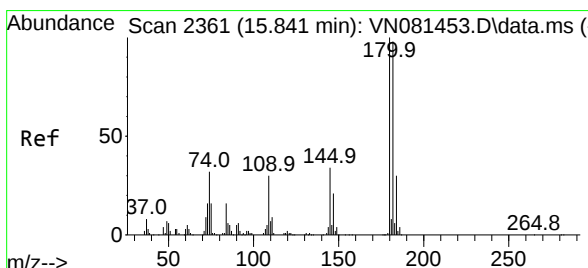
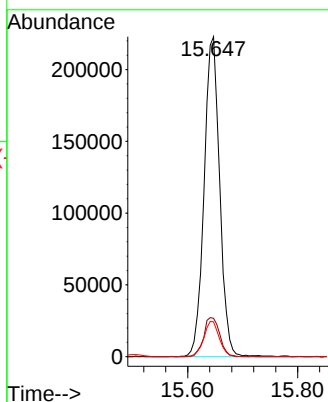
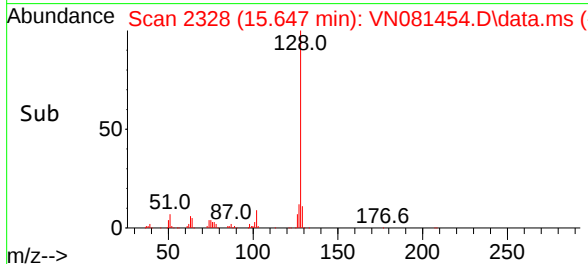
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 437940
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.417 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081454.D
Acq: 18 Mar 2024 16:51

Tgt Ion:180 Resp: 131412
Ion Ratio Lower Upper
180 100
182 94.6 46.5 139.3
145 33.8 17.8 53.4

