

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081743.D
 Acq On : 15 Apr 2024 17:33
 Operator : JC\MD
 Sample : VN0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

Quant Time: Apr 15 23:29:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	451597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162679	45.390	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.780%		
35) Dibromofluoromethane	8.165	113	130659	43.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.200%		
50) Toluene-d8	10.571	98	524077	47.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.853	95	199997	53.011	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61733	19.139	ug/l	100
3) Chloromethane	2.359	50	57165	19.227	ug/l	94
4) Vinyl Chloride	2.518	62	71027	17.992	ug/l	99
5) Bromomethane	2.959	94	41860	17.550	ug/l	96
6) Chloroethane	3.118	64	46674	18.357	ug/l	97
7) Trichlorofluoromethane	3.501	101	90847	17.821	ug/l	94
8) Diethyl Ether	3.965	74	27712	15.486	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	51396	16.097	ug/l	98
10) Methyl Iodide	4.589	142	31503	18.382	ug/l	94
11) Tert butyl alcohol	5.518	59	38465	78.678	ug/l	98
12) 1,1-Dichloroethene	4.342	96	46034	15.212	ug/l	95
13) Acrolein	4.183	56	38866	74.782	ug/l	99
14) Allyl chloride	5.030	41	65788	17.130	ug/l	91
15) Acrylonitrile	5.718	53	111059	82.315	ug/l	99
16) Acetone	4.424	43	78750	78.946	ug/l	99
17) Carbon Disulfide	4.706	76	135232	15.375	ug/l	96
18) Methyl Acetate	5.024	43	45852	16.434	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	147371	16.732	ug/l	97
20) Methylene Chloride	5.283	84	53693	16.789	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	49012	16.126	ug/l	94
22) Diisopropyl ether	6.671	45	141765	16.963	ug/l	96
23) Vinyl Acetate	6.606	43	550726	84.421	ug/l	100
24) 1,1-Dichloroethane	6.565	63	90147	16.394	ug/l	97
25) 2-Butanone	7.483	43	133195	80.998	ug/l	97
26) 2,2-Dichloropropane	7.494	77	83225	17.363	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	62565	16.827	ug/l	99
28) Bromochloromethane	7.812	49	37669	16.046	ug/l	97
29) Tetrahydrofuran	7.841	42	93113	87.521	ug/l	99
30) Chloroform	7.965	83	101011	16.200	ug/l	96
31) Cyclohexane	8.259	56	81135	16.503	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	92944	16.810	ug/l	95
36) 1,1-Dichloropropene	8.377	75	69091	16.547	ug/l	99
37) Ethyl Acetate	7.565	43	59521	17.348	ug/l	95
38) Carbon Tetrachloride	8.359	117	80876	16.649	ug/l	95
39) Methylcyclohexane	9.600	83	89950	18.286	ug/l	94
40) Benzene	8.606	78	220445	16.949	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31226	16.766	ug/l	93
42) 1,2-Dichloroethane	8.671	62	76459	16.864	ug/l	99
43) Isopropyl Acetate	8.688	43	104654	16.350	ug/l	99
44) Trichloroethene	9.353	130	56904	16.824	ug/l	90
45) 1,2-Dichloropropane	9.624	63	51761	17.261	ug/l	96
46) Dibromomethane	9.712	93	41975	16.771	ug/l	95
47) Bromodichloromethane	9.894	83	80558	16.850	ug/l	98
48) Methyl methacrylate	9.688	41	47136	18.067	ug/l	96
49) 1,4-Dioxane	9.694	88	21870	334.239	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	325455	91.414	ug/l	99
52) Toluene	10.630	92	152194	18.422	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	83591	17.551	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	88918	17.526	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	59352	19.124	ug/l	94
56) Ethyl methacrylate	10.877	69	87680	20.533	ug/l	99
57) 1,3-Dichloropropane	11.165	76	94463	18.184	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	135241	59.856	ug/l	99
59) 2-Hexanone	11.194	43	251664	97.647	ug/l	100
60) Dibromochloromethane	11.359	129	64592	17.219	ug/l	96
61) 1,2-Dibromoethane	11.471	107	58226	17.986	ug/l	91
64) Tetrachloroethene	11.106	164	60324	15.744	ug/l	94
65) Chlorobenzene	11.894	112	171534	16.508	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	58530	16.511	ug/l	97
67) Ethyl Benzene	11.965	91	294277	17.991	ug/l	97
68) m/p-Xylenes	12.071	106	231489	36.395	ug/l	99
69) o-Xylene	12.400	106	114196	18.734	ug/l	97
70) Styrene	12.412	104	185197	18.545	ug/l	96
71) Bromoform	12.582	173	44763	16.365	ug/l #	99
73) Isopropylbenzene	12.700	105	297720	17.889	ug/l	98
74) N-amyl acetate	12.494	43	106488	17.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	73911	15.116	ug/l #	98
76) 1,2,3-Trichloropropane	13.000	75	103862	23.755	ug/l	70
77) Bromobenzene	12.982	156	67553	15.921	ug/l	94
78) n-propylbenzene	13.035	91	350385	18.143	ug/l	97
79) 2-Chlorotoluene	13.123	91	205173	17.044	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	246765	18.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27906	15.385	ug/l	87
82) 4-Chlorotoluene	13.223	91	194460	16.352	ug/l	97
83) tert-Butylbenzene	13.441	119	222297	18.669	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	256572	18.710	ug/l	98
85) sec-Butylbenzene	13.618	105	317881	19.131	ug/l	100
86) p-Isopropyltoluene	13.729	119	323663	23.765	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	131441	16.574	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	133384	16.494	ug/l	99
89) n-Butylbenzene	14.059	91	228568	19.195	ug/l	97
90) Hexachloroethane	14.335	117	49266	16.993	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	127921	16.666	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16406	16.618	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	78294	19.364	ug/l	91
94) Hexachlorobutadiene	15.500	225	29481	16.914	ug/l	91
95) Naphthalene	15.641	128	286575	22.184	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.841	180	79030	19.117	ug/l	95

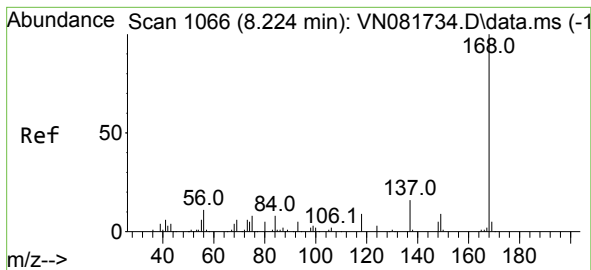
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081743.D

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MSVOA_N

ClientSampleId :

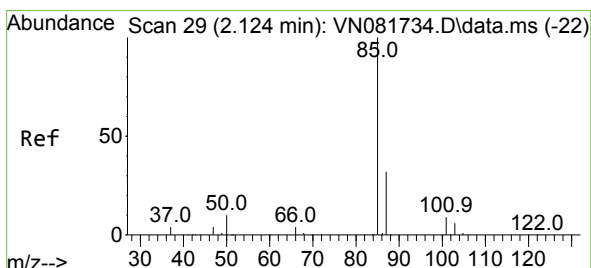
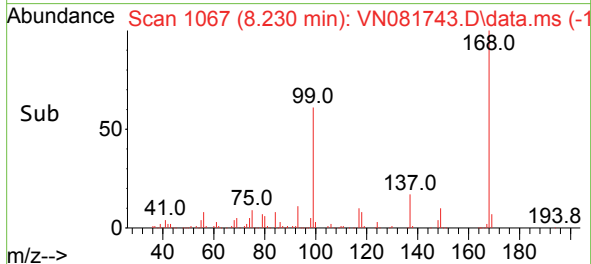
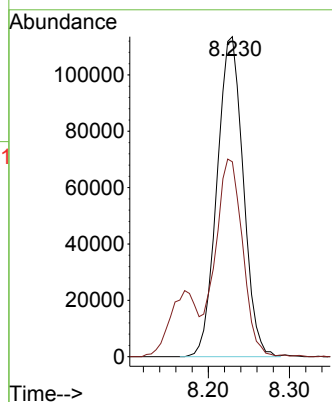
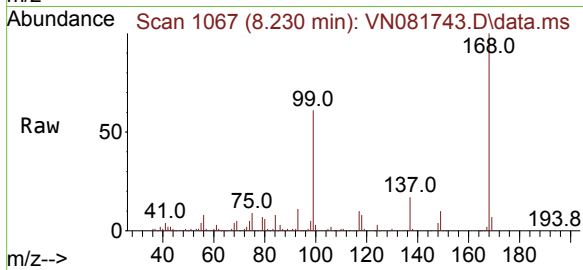
VN0415MBS01

Tgt Ion:168 Resp: 254696

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 19.139 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081743.D

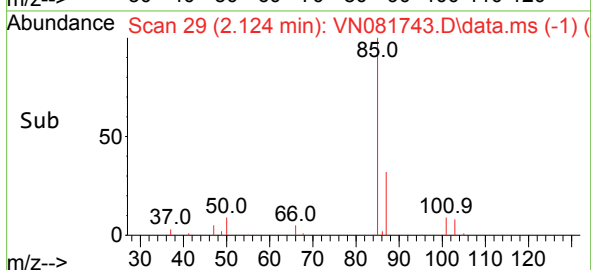
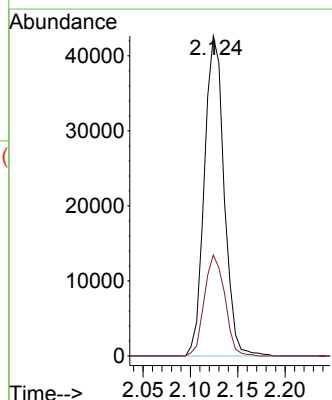
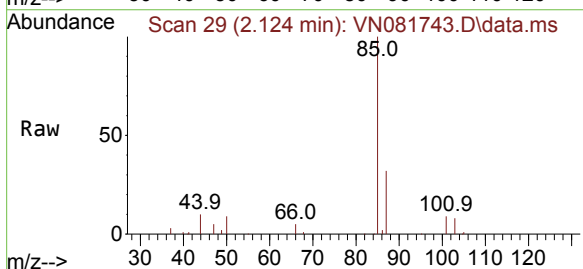
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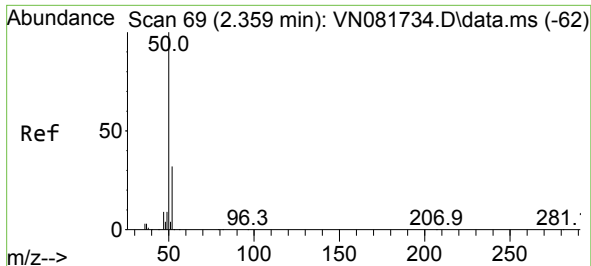
Tgt Ion: 85 Resp: 61733

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4

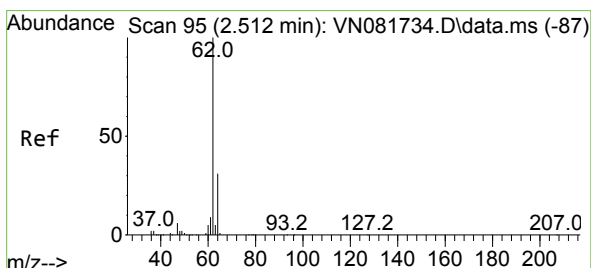
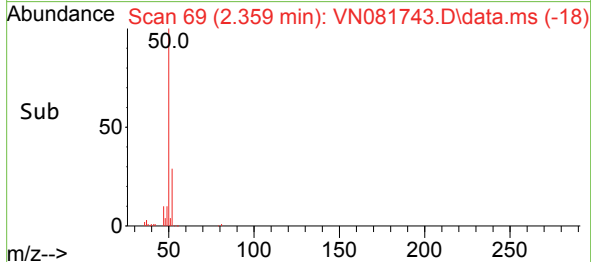
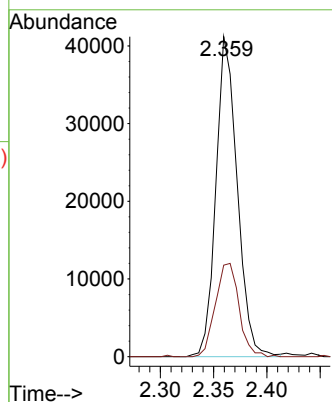
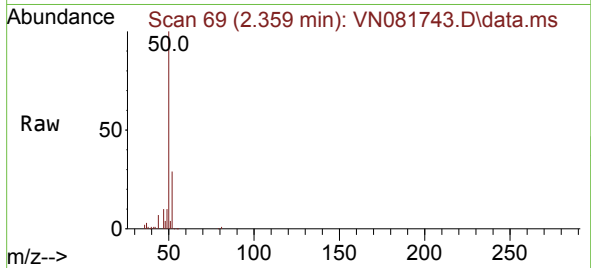




#3
Chloromethane
Concen: 19.227 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

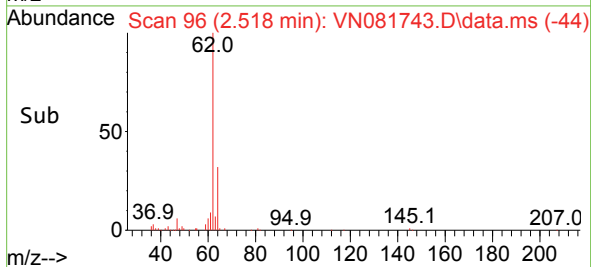
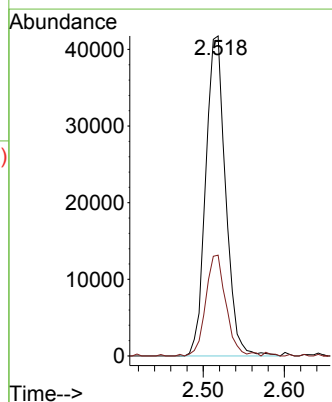
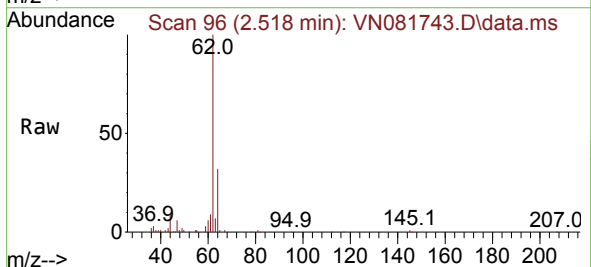
Instrument :
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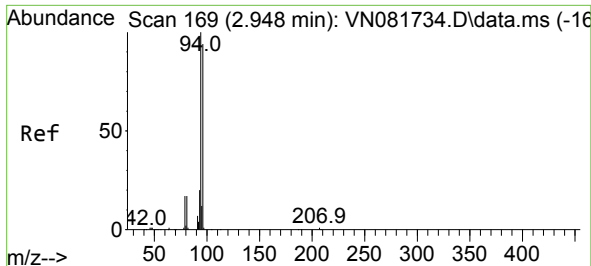
Tgt Ion: 50 Resp: 57165
Ion Ratio Lower Upper
50 100
52 28.6 25.5 38.3



#4
Vinyl Chloride
Concen: 17.992 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 62 Resp: 71027
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0

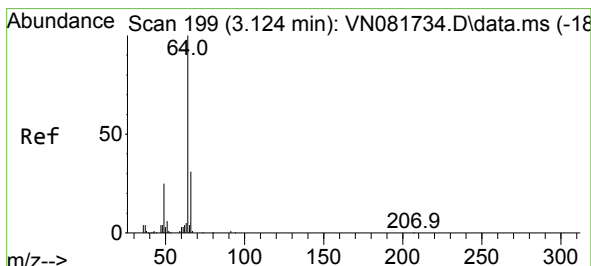
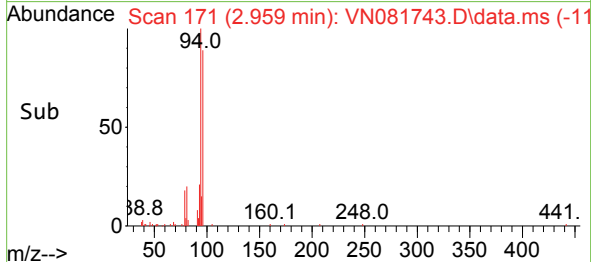
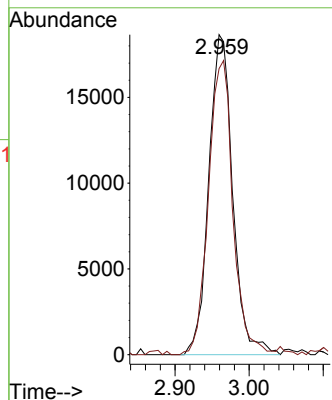
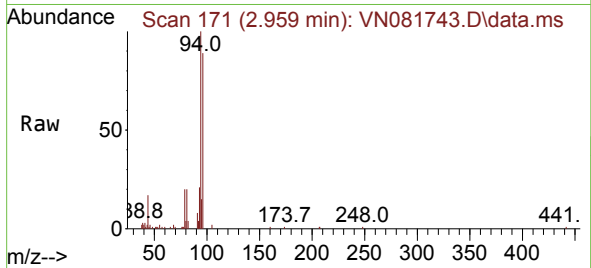




#5
Bromomethane
Concen: 17.550 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

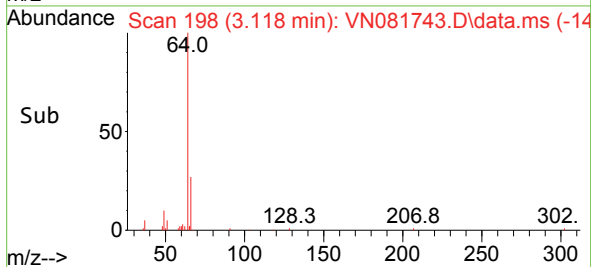
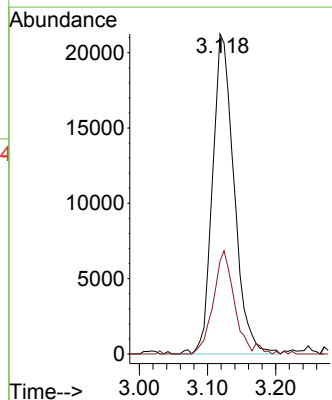
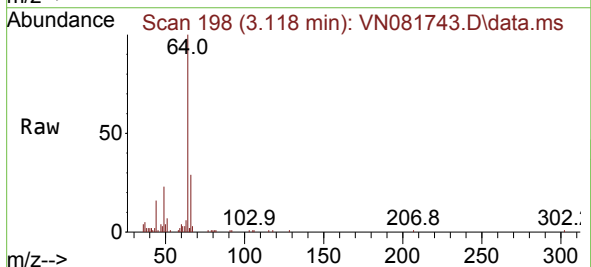
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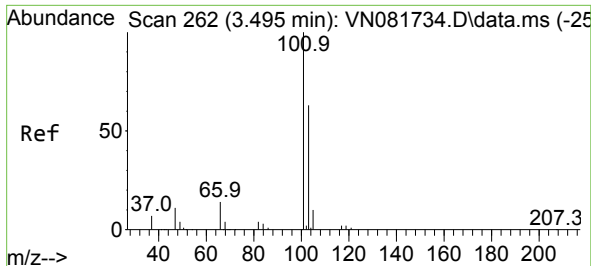
Tgt Ion: 94 Resp: 41860
Ion Ratio Lower Upper
94 100
96 89.4 74.8 112.2



#6
Chloroethane
Concen: 18.357 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 64 Resp: 46674
Ion Ratio Lower Upper
64 100
66 29.1 24.7 37.1

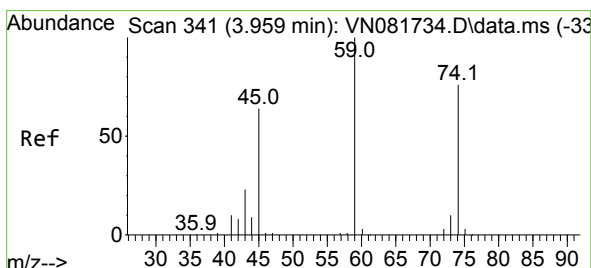
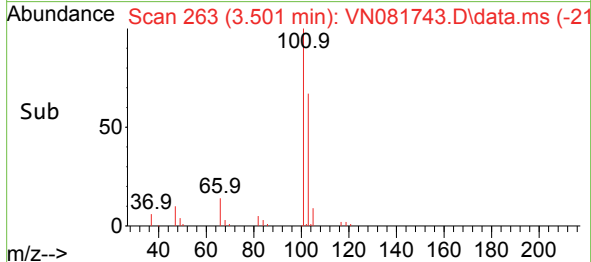
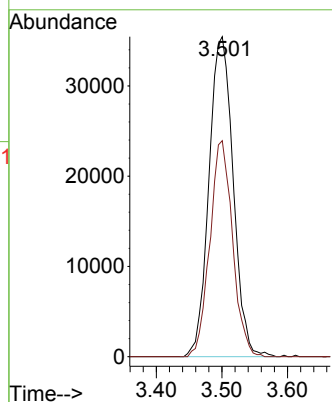
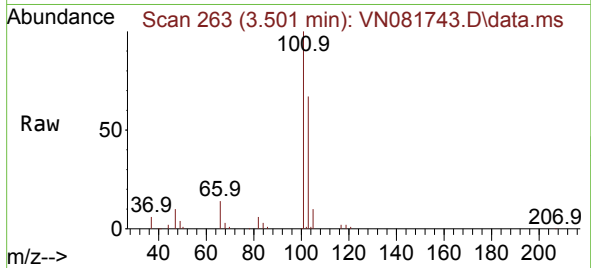




#7
Trichlorofluoromethane
Concen: 17.821 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

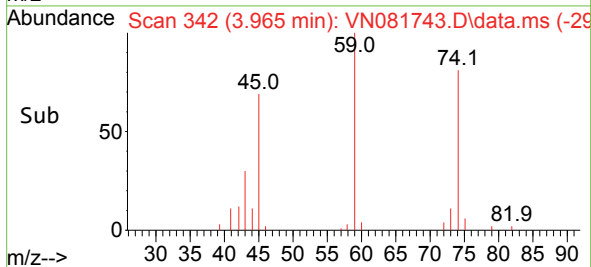
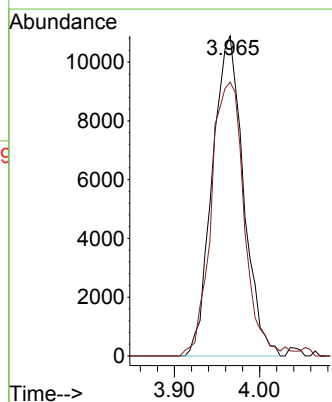
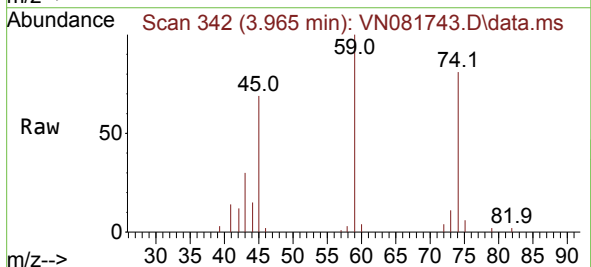
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VN0415MBS01

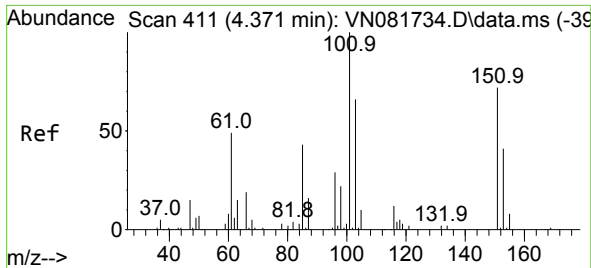
Tgt Ion:101 Resp: 90847
Ion Ratio Lower Upper
101 100
103 67.5 50.6 75.8



#8
Diethyl Ether
Concen: 15.486 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 74 Resp: 27712
Ion Ratio Lower Upper
74 100
45 90.7 42.4 127.3

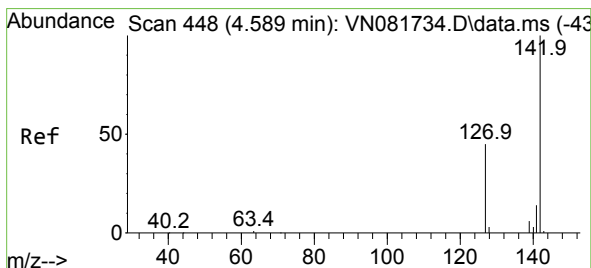
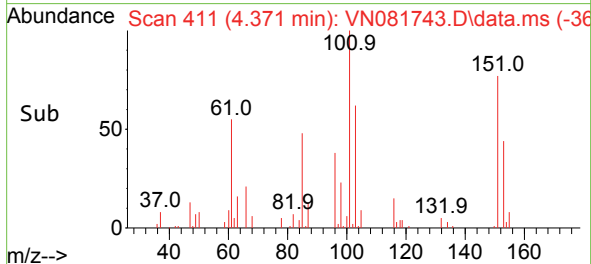
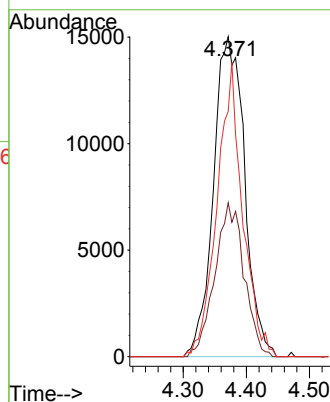
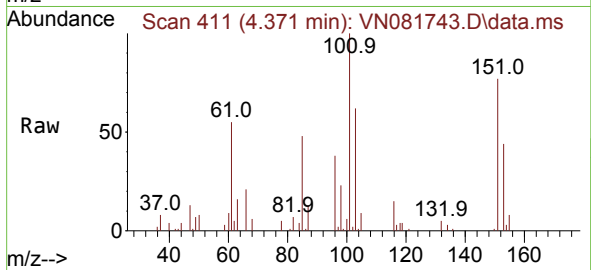




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.097 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

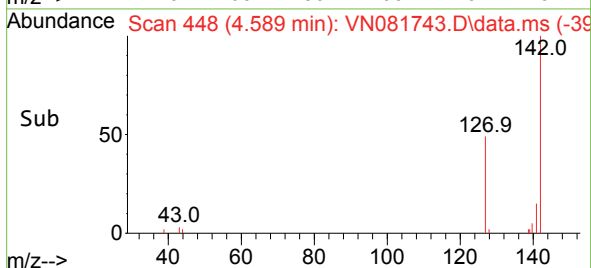
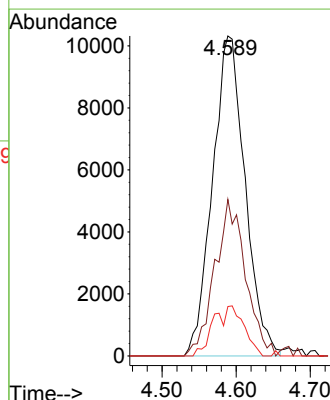
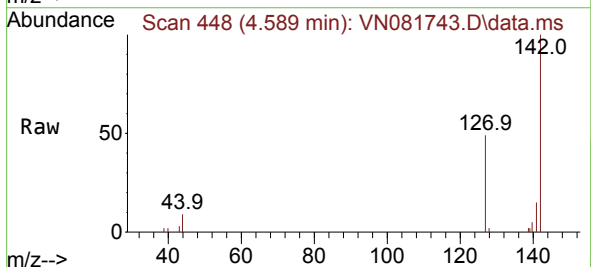
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

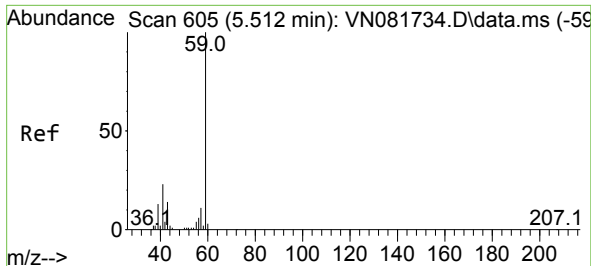
Tgt Ion:101 Resp: 51396
Ion Ratio Lower Upper
101 100
85 45.2 37.3 55.9
151 75.4 59.2 88.8



#10
Methyl Iodide
Concen: 18.382 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:142 Resp: 31503
Ion Ratio Lower Upper
142 100
127 48.9 35.8 53.6
141 15.5 11.4 17.2

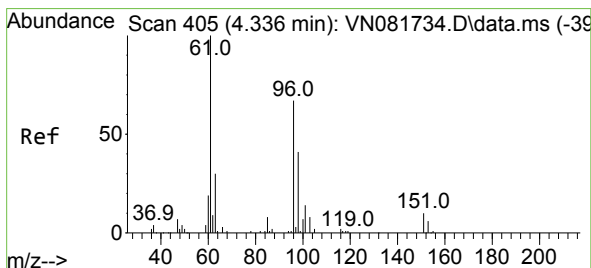
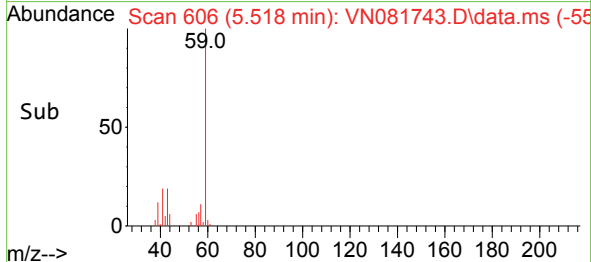
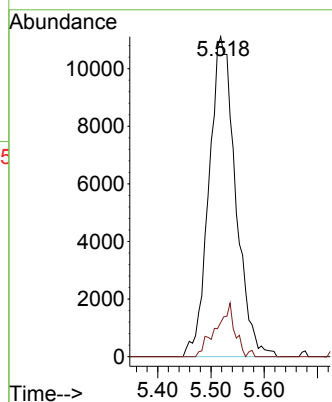
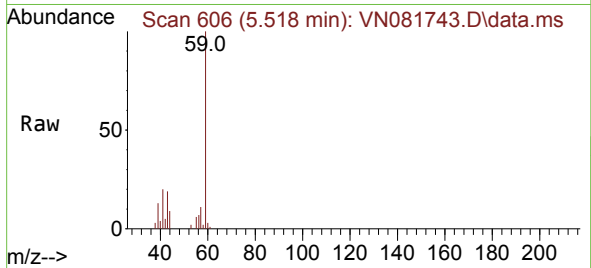




#11
Tert butyl alcohol
Concen: 78.678 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

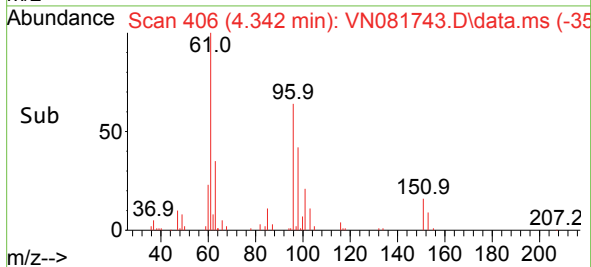
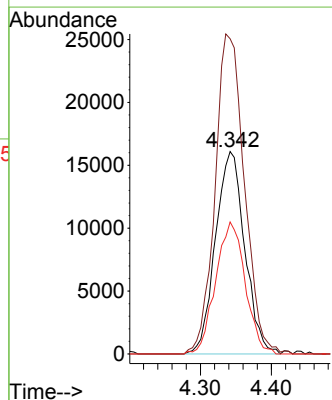
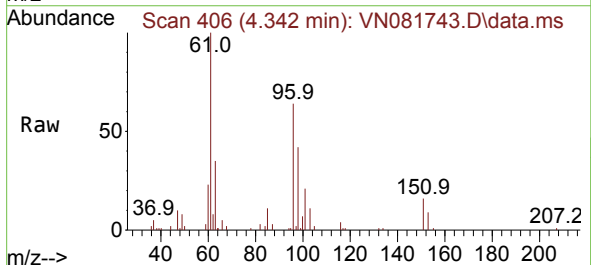
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

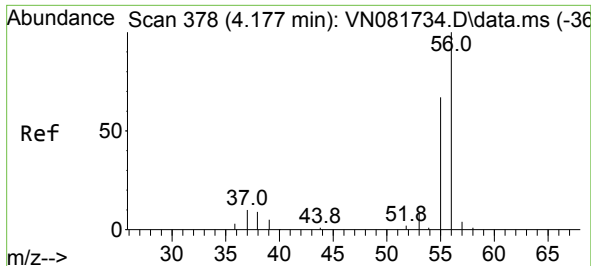
Tgt Ion: 59 Resp: 38465
Ion Ratio Lower Upper
59 100
57 11.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 15.212 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 96 Resp: 46034
Ion Ratio Lower Upper
96 100
61 155.8 119.7 179.5
98 65.2 49.6 74.4





#13

Acrolein

Concen: 74.782 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

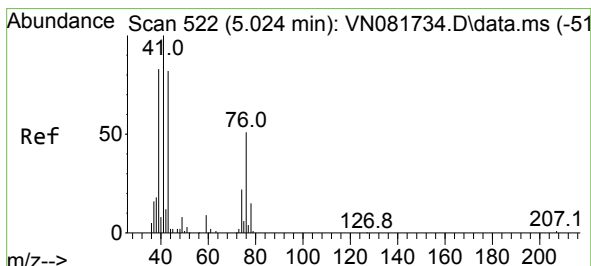
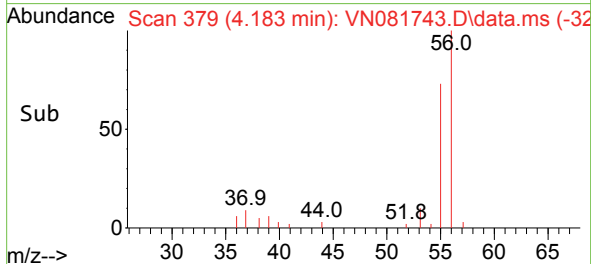
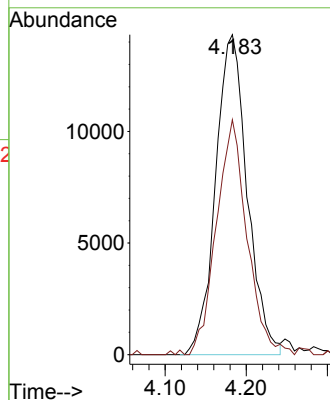
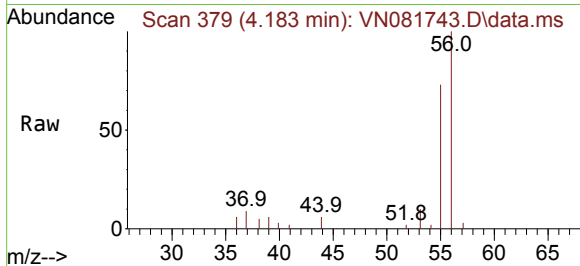
VN0415MBS01

Tgt Ion: 56 Resp: 38866

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



#14

Allyl chloride

Concen: 17.130 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

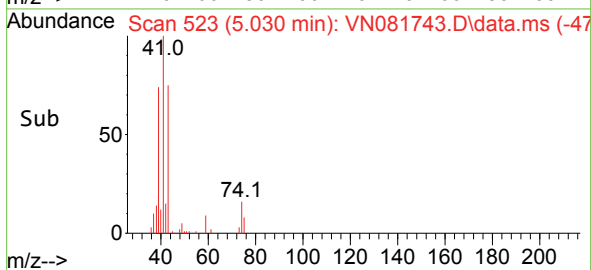
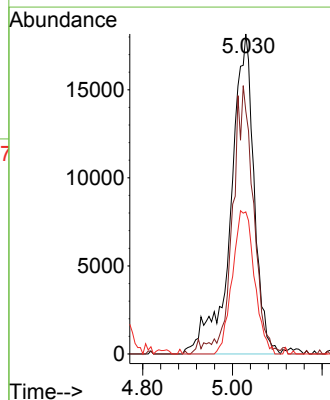
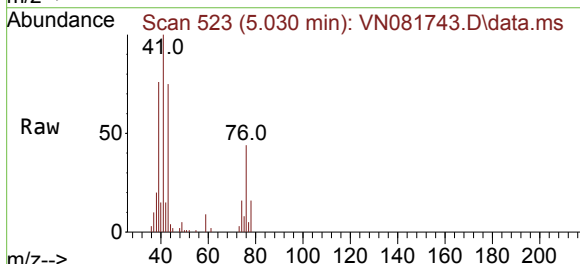
Tgt Ion: 41 Resp: 65788

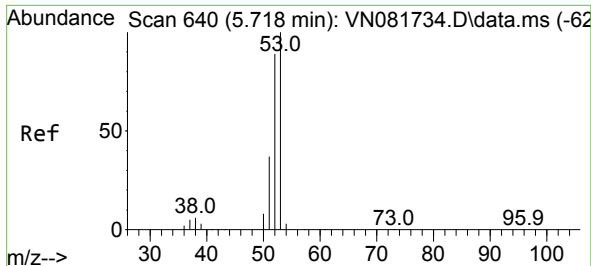
Ion Ratio Lower Upper

41 100

39 71.8 65.4 98.0

76 42.3 37.3 55.9

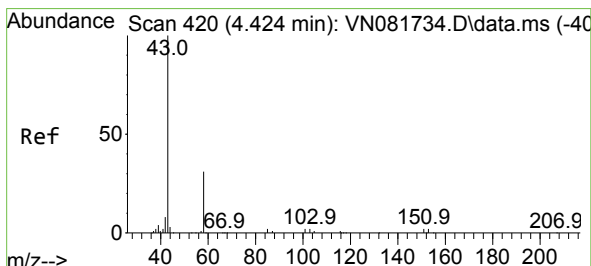
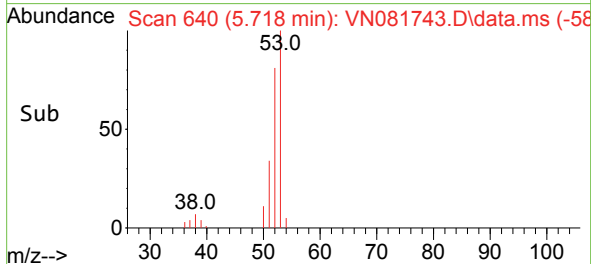
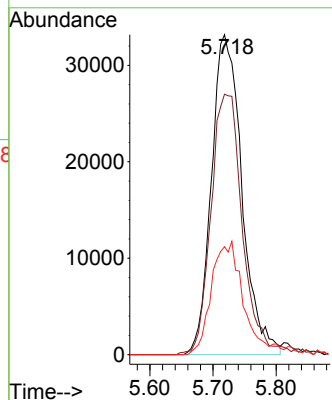
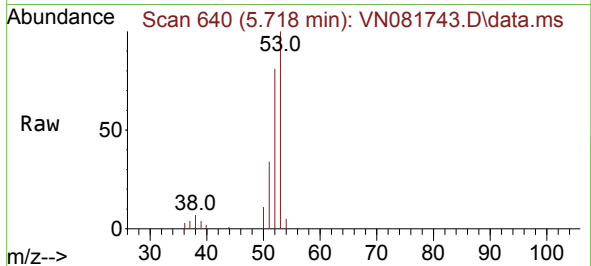




#15
Acrylonitrile
Concen: 82.315 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

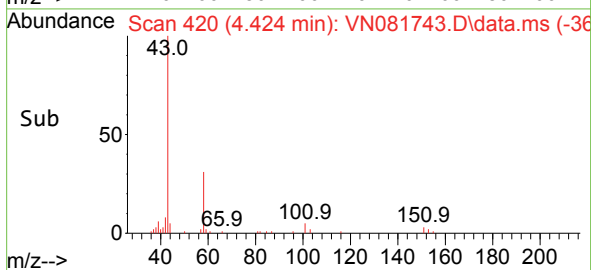
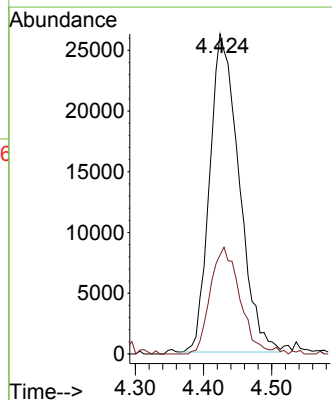
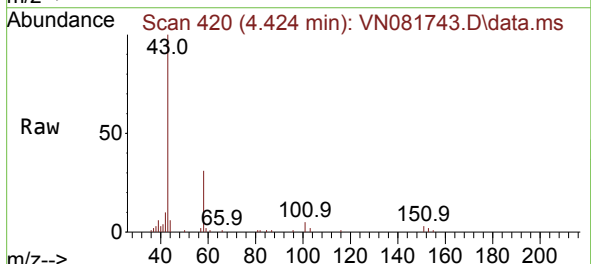
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

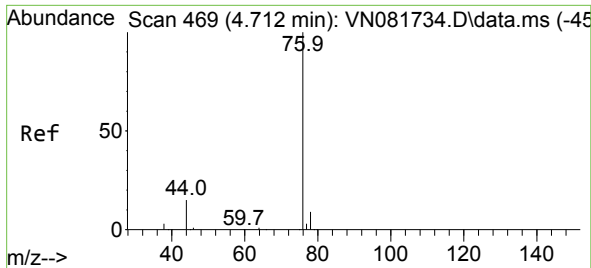
Tgt Ion: 53 Resp: 111059
Ion Ratio Lower Upper
53 100
52 83.7 66.1 99.1
51 37.1 29.4 44.2



#16
Acetone
Concen: 78.946 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 43 Resp: 78750
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8

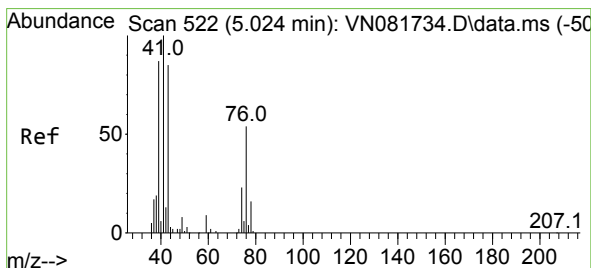
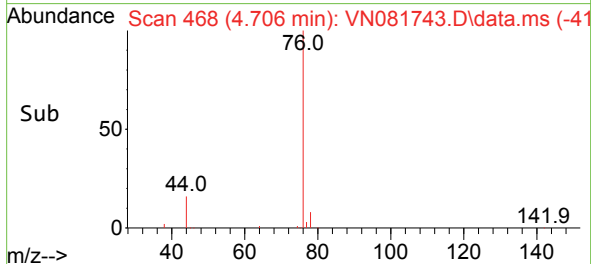
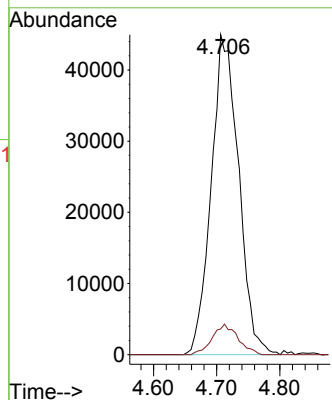
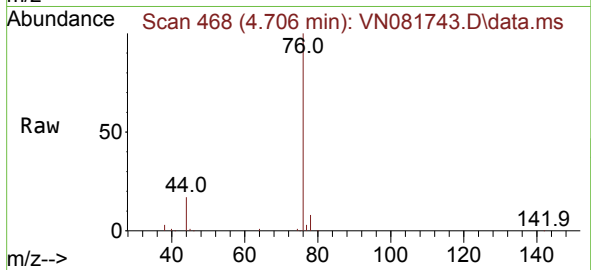




#17
Carbon Disulfide
Concen: 15.375 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

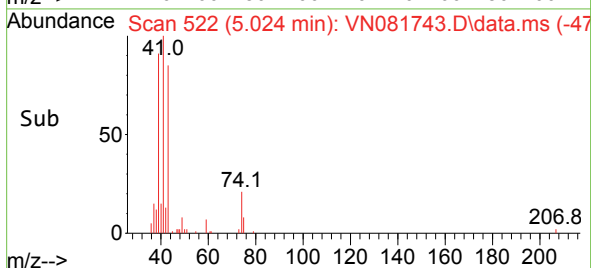
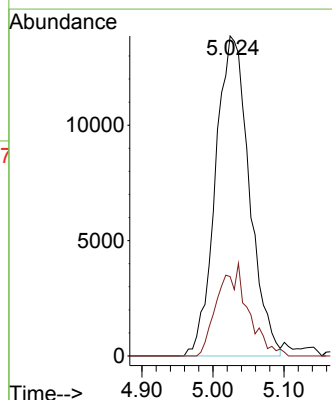
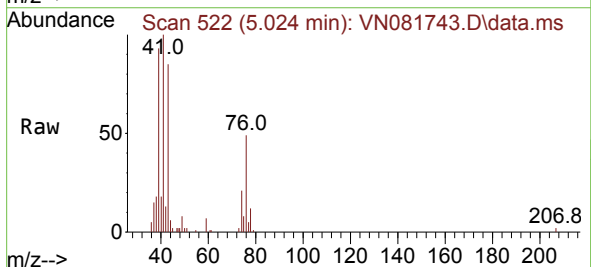
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

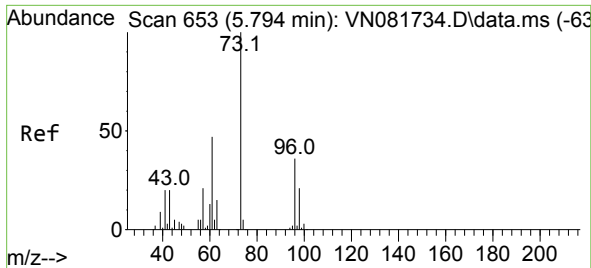
Tgt Ion: 76 Resp: 135232
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 16.434 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 43 Resp: 45852
Ion Ratio Lower Upper
43 100
74 26.1 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 16.732 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

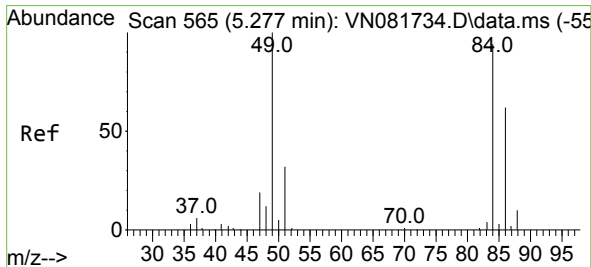
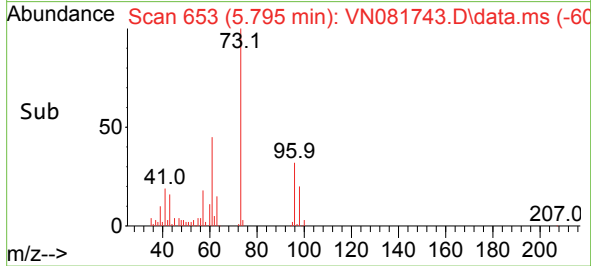
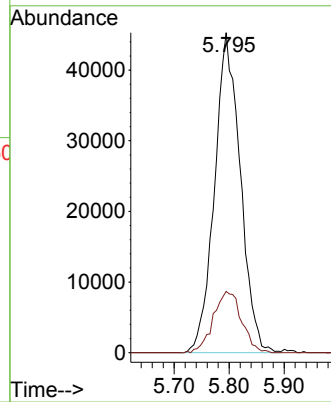
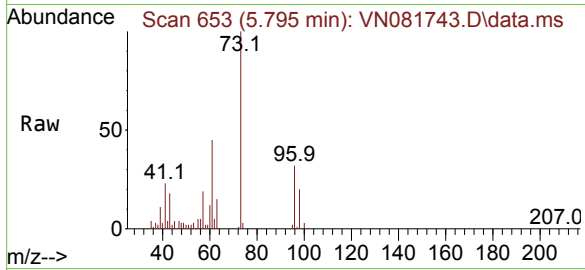
VN0415MBS01

Tgt Ion: 73 Resp: 147371

Ion Ratio Lower Upper

73 100

57 19.1 16.5 24.7



#20

Methylene Chloride

Concen: 16.789 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Tgt Ion: 84 Resp: 53693

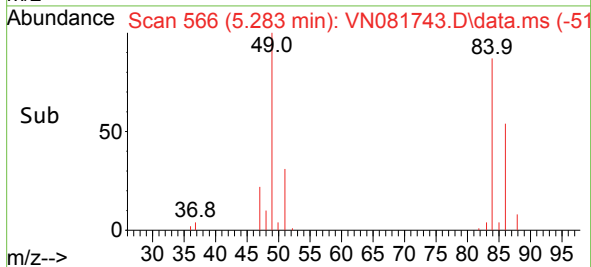
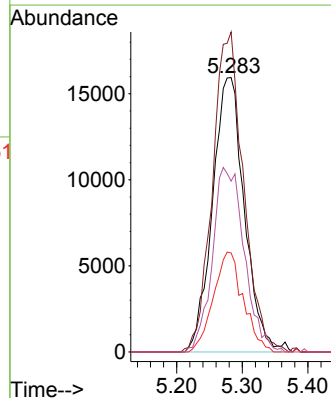
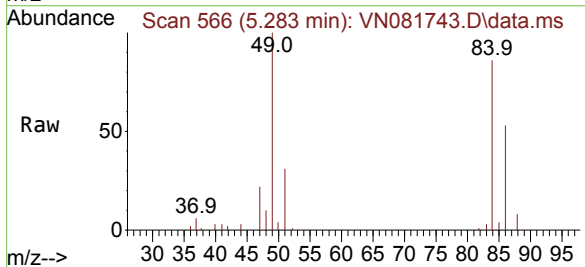
Ion Ratio Lower Upper

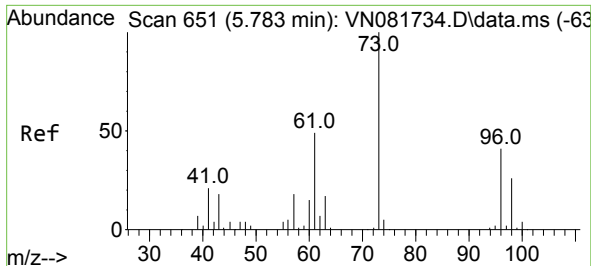
84 100

49 116.6 84.9 127.3

51 36.1 27.0 40.6

86 62.3 52.3 78.5

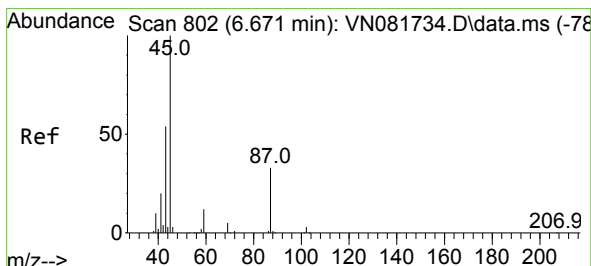
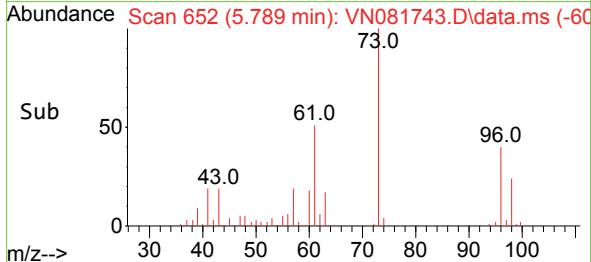
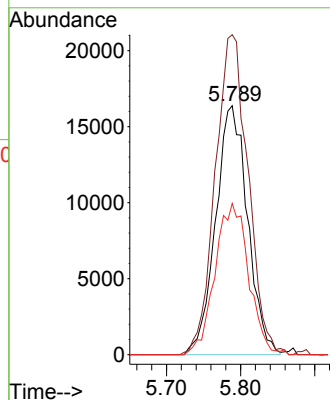
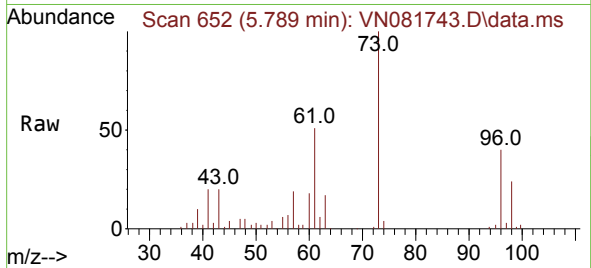




#21
trans-1,2-Dichloroethene
Concen: 16.126 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

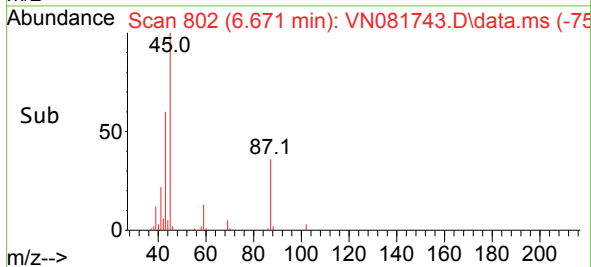
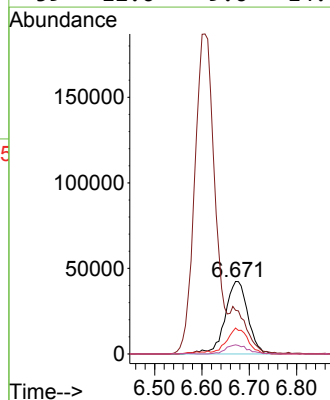
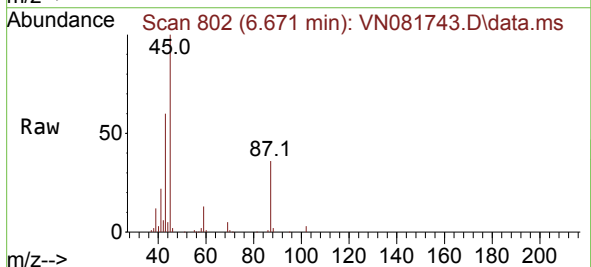
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

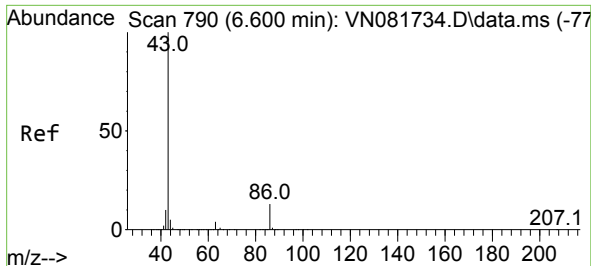
Tgt Ion: 96 Resp: 49012
Ion Ratio Lower Upper
96 100
61 128.6 96.5 144.7
98 60.8 51.3 76.9



#22
Diisopropyl ether
Concen: 16.963 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 45 Resp: 141765
Ion Ratio Lower Upper
45 100
43 58.7 44.1 66.1
87 35.7 27.0 40.6
59 12.6 9.6 14.4

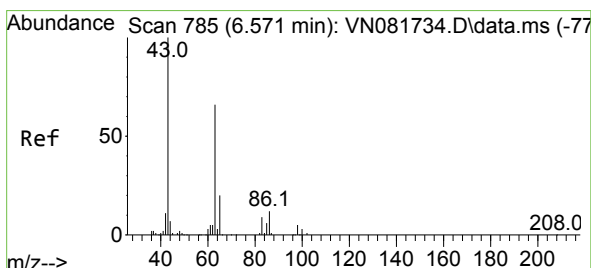
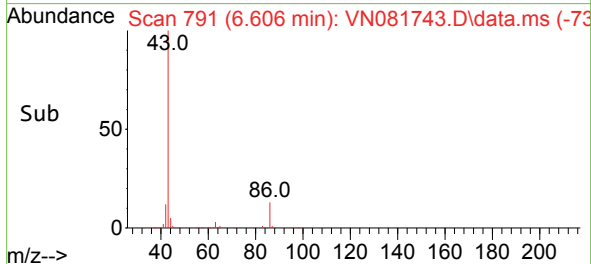
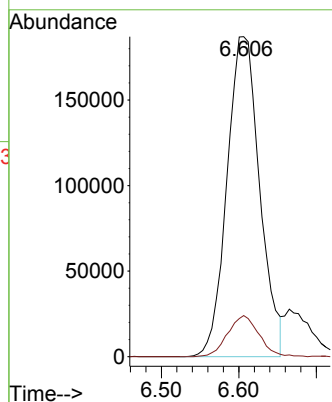
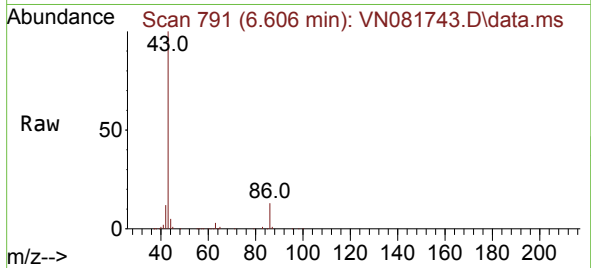




#23
 Vinyl Acetate
 Concen: 84.421 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

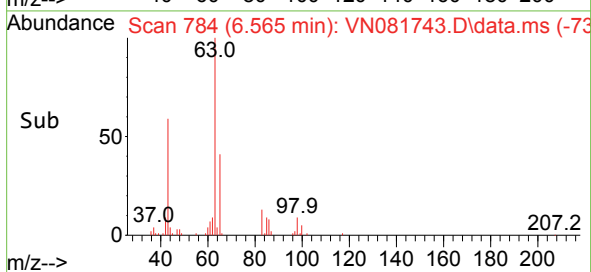
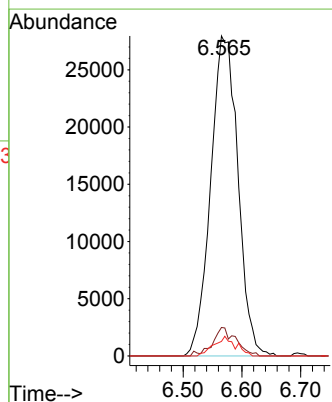
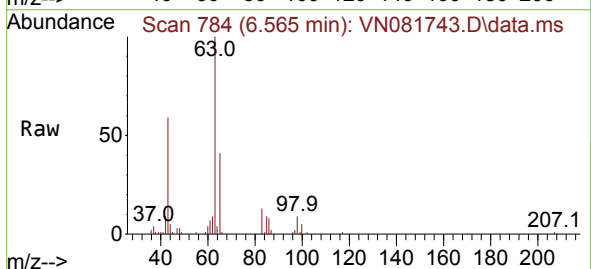
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

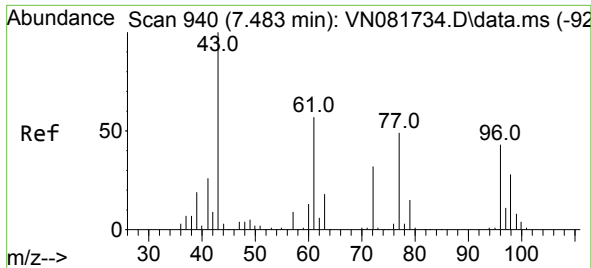
Tgt Ion: 43 Resp: 550726
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 16.394 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion: 63 Resp: 90147
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.9
 100 4.6 2.6 7.8

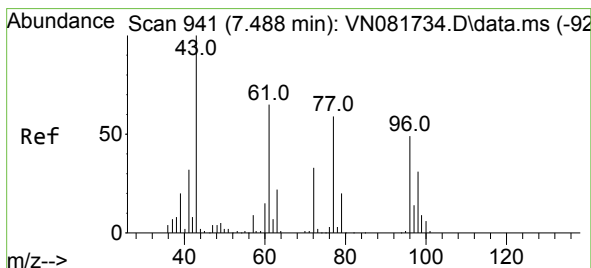
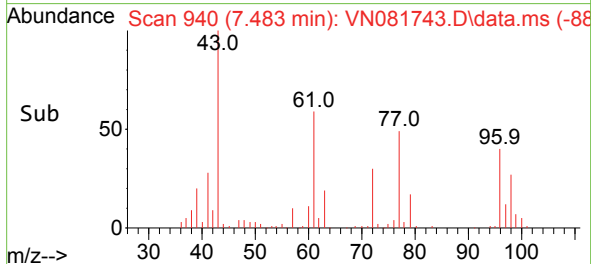
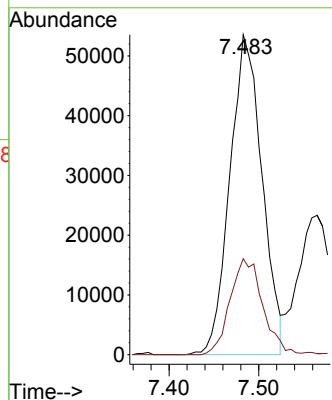
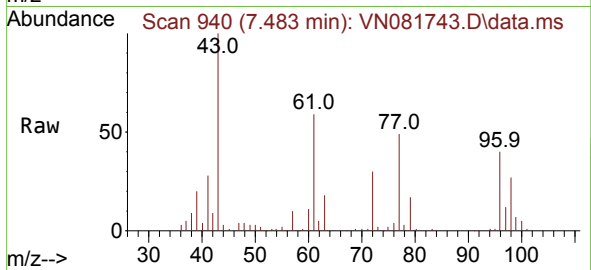




#25
2-Butanone
Concen: 80.998 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

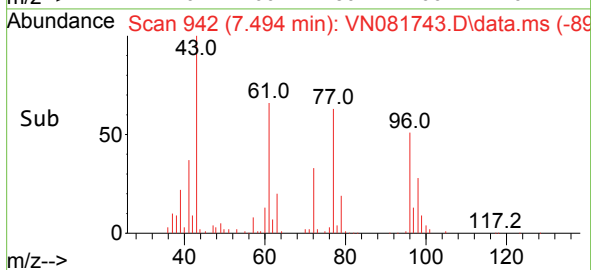
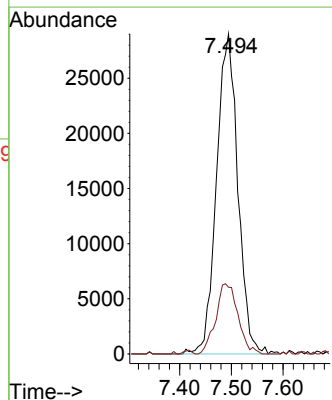
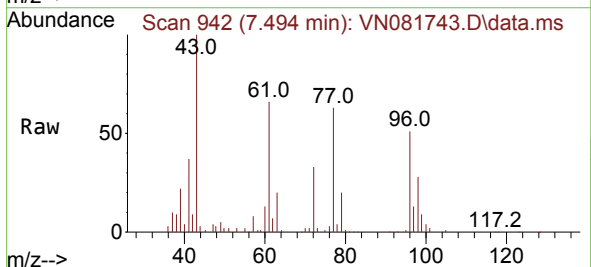
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

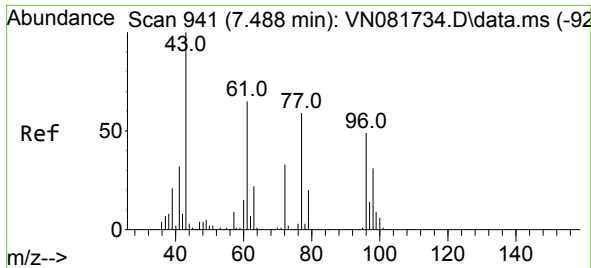
Tgt Ion: 43 Resp: 133195
Ion Ratio Lower Upper
43 100
72 30.0 25.3 37.9



#26
2,2-Dichloropropane
Concen: 17.363 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 77 Resp: 83225
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.9

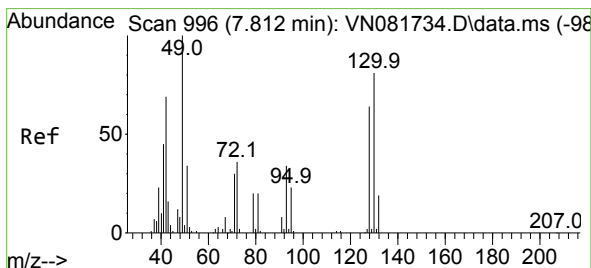
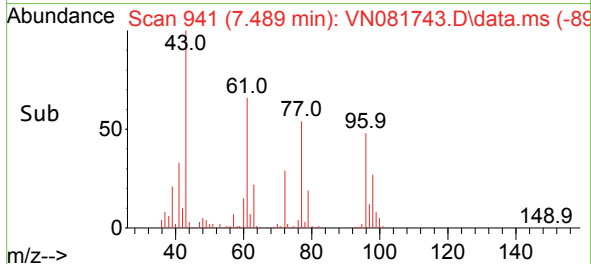
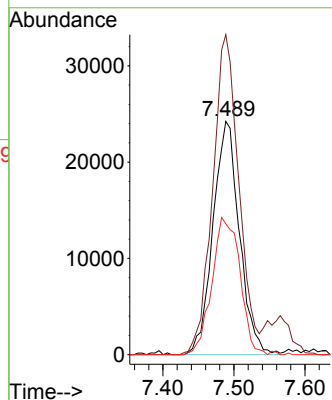
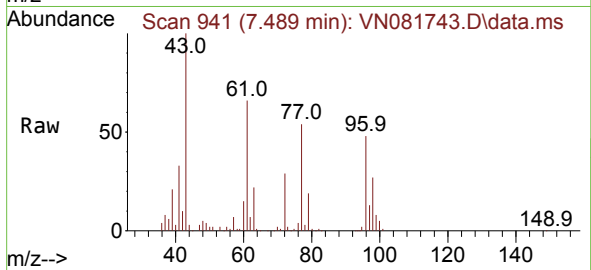




#27
 cis-1,2-Dichloroethene
 Concen: 16.827 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

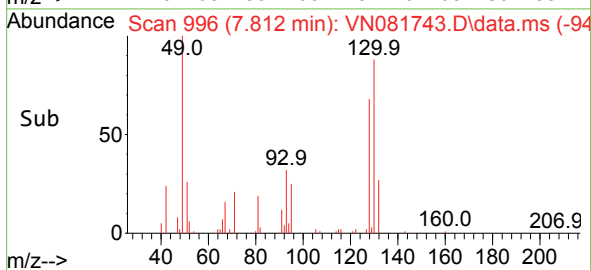
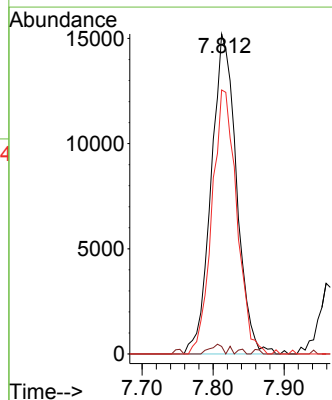
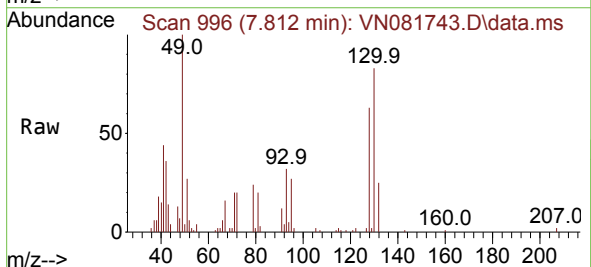
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

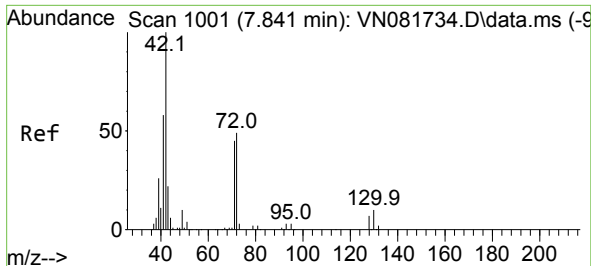
Tgt Ion: 96 Resp: 62565
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 268.0
 98 62.3 0.0 126.8



#28
 Bromochloromethane
 Concen: 16.046 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion: 49 Resp: 37669
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 80.5 66.7 100.1





#29

Tetrahydrofuran

Concen: 87.521 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

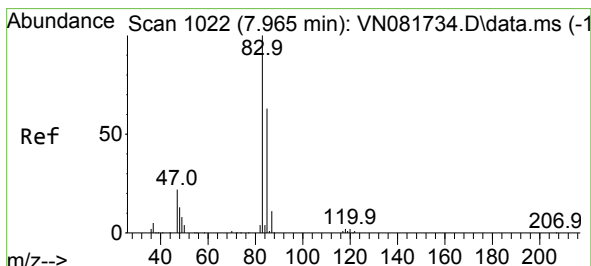
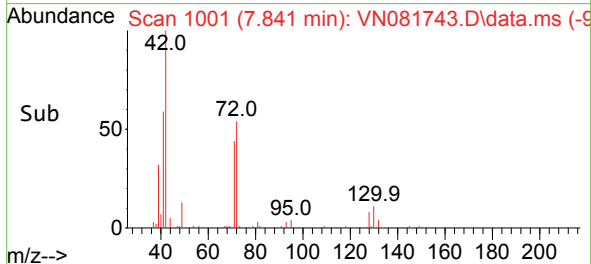
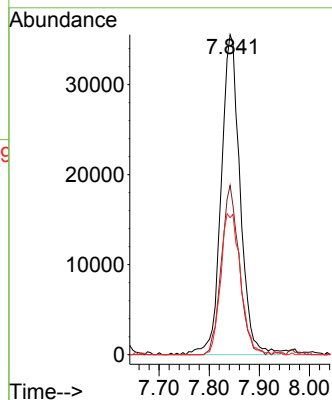
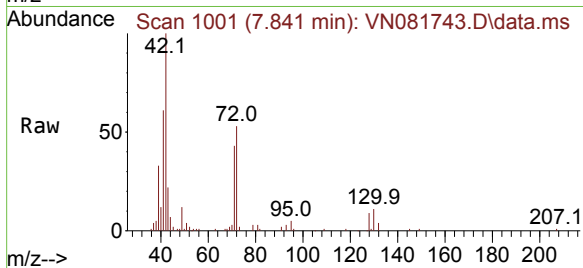
Tgt Ion: 42 Resp: 93113

Ion Ratio Lower Upper

42 100

72 50.0 39.3 58.9

71 46.6 37.4 56.0



#30

Chloroform

Concen: 16.200 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081743.D

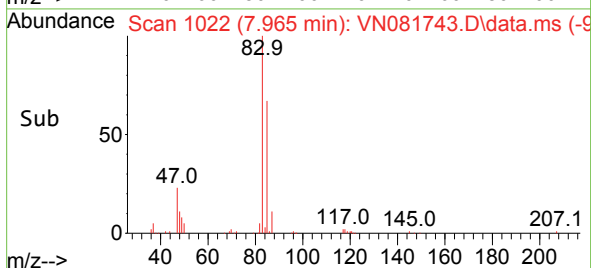
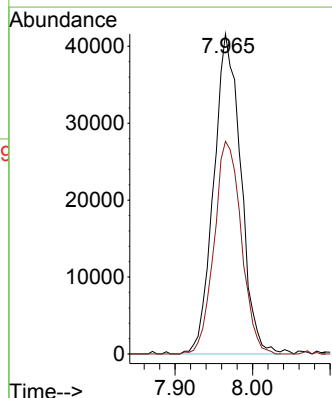
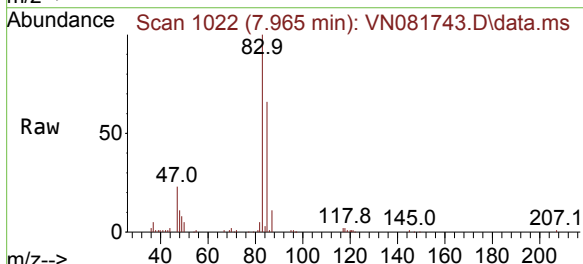
Acq: 15 Apr 2024 17:33

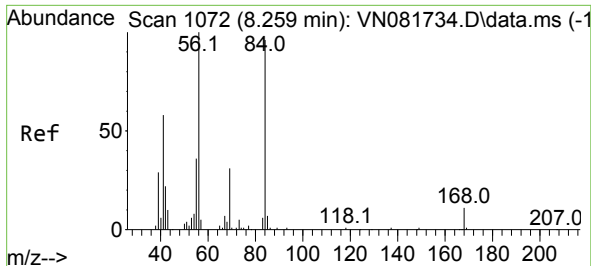
Tgt Ion: 83 Resp: 101011

Ion Ratio Lower Upper

83 100

85 66.4 50.7 76.1

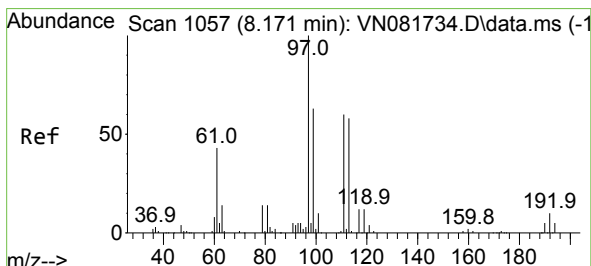
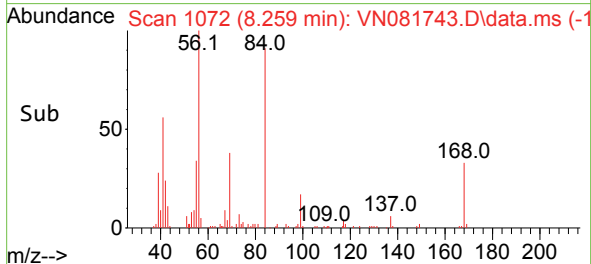
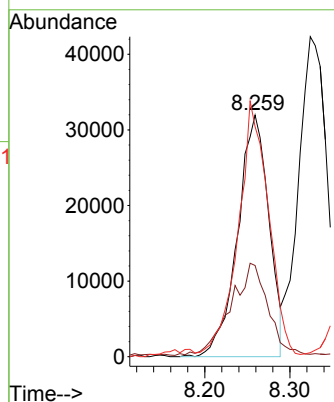
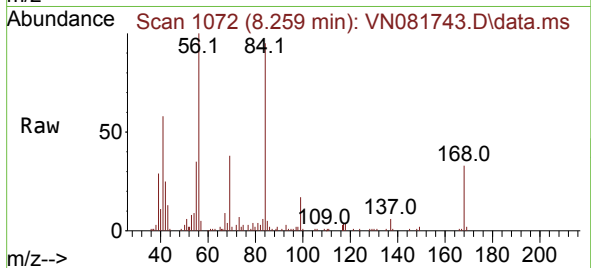




#31
Cyclohexane
Concen: 16.503 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

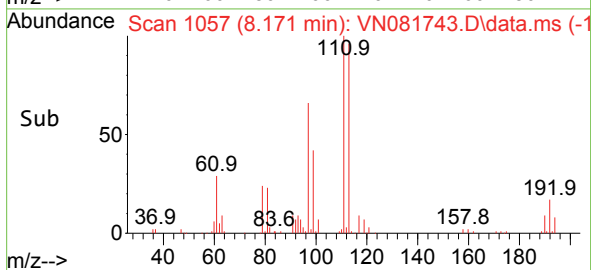
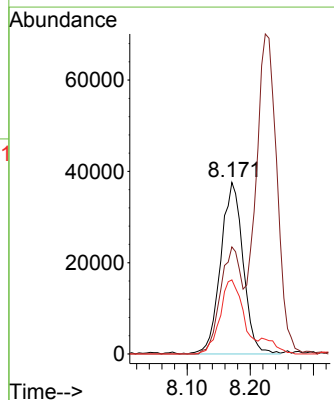
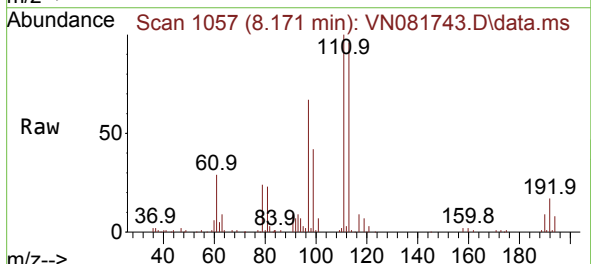
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

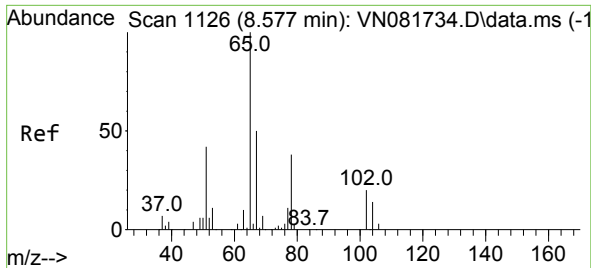
Tgt Ion: 56 Resp: 81135
Ion Ratio Lower Upper
56 100
69 36.5 24.4 36.6
84 93.7 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 16.810 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 97 Resp: 92944
Ion Ratio Lower Upper
97 100
99 57.2 50.3 75.5
61 45.1 36.6 55.0

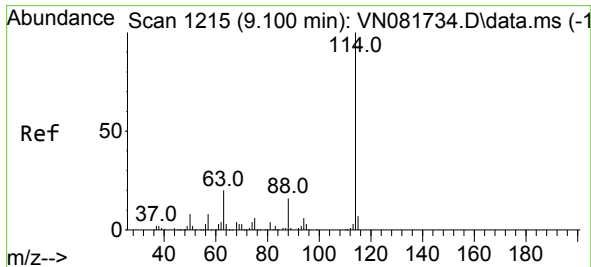
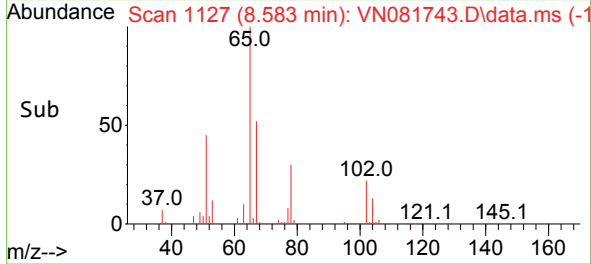
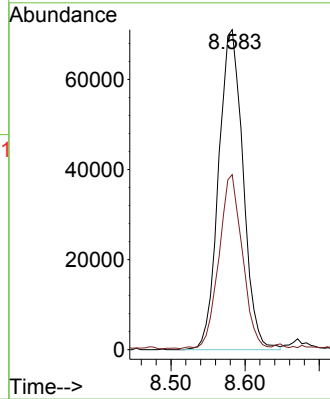
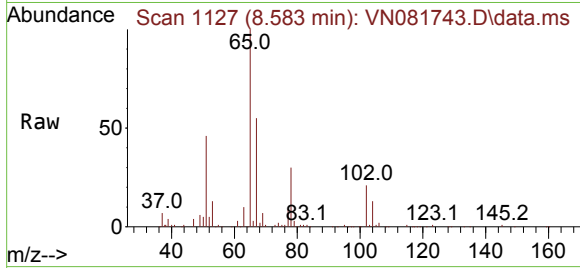




#33
 1,2-Dichloroethane-d4
 Concen: 45.390 ug/l
 RT: 8.583 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

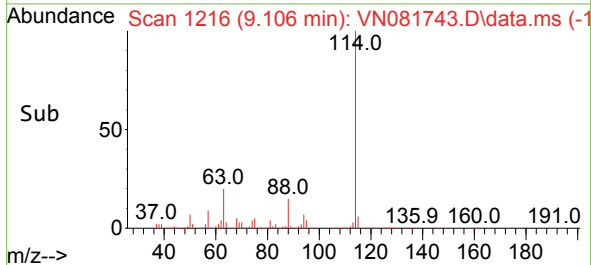
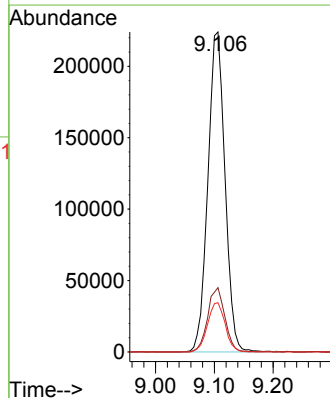
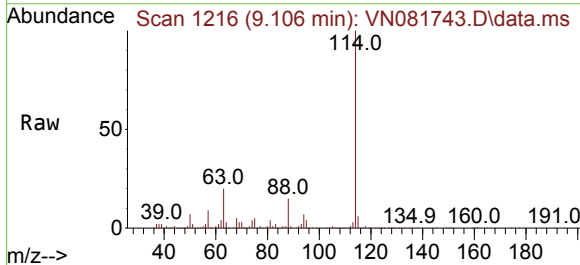
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

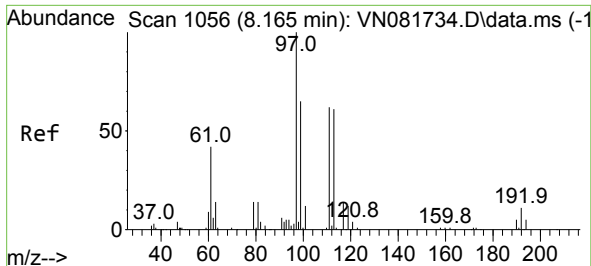
Tgt Ion: 65 Resp: 162679
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion: 114 Resp: 453828
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 15.4 0.0 31.4

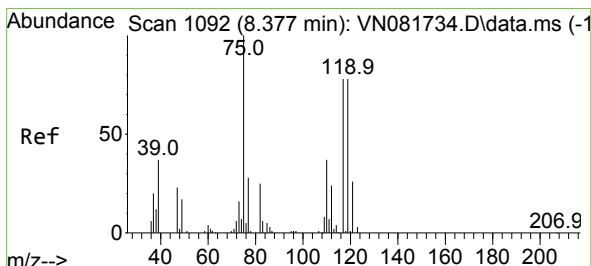
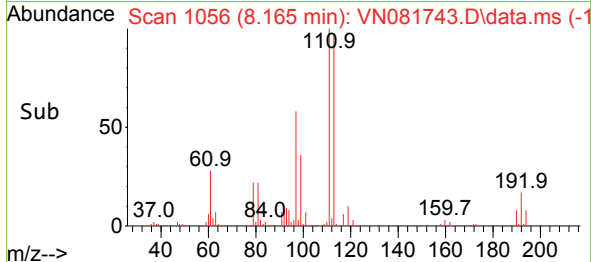
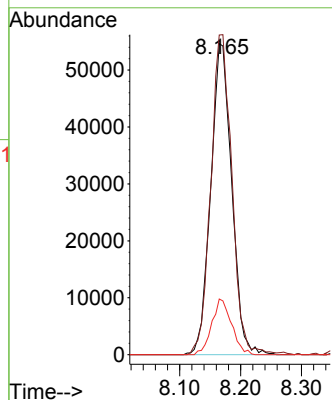
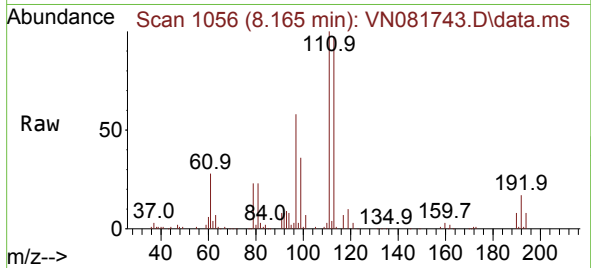




#35
 Dibromofluoromethane
 Concen: 43.599 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

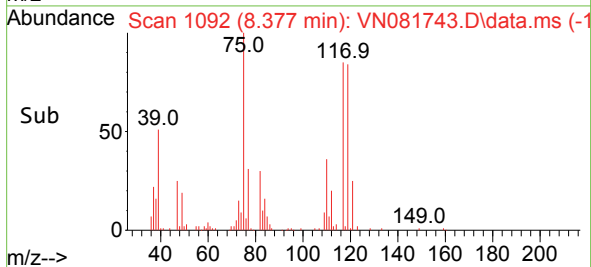
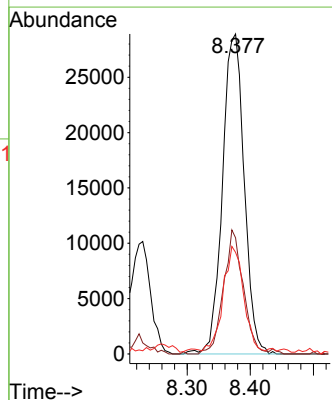
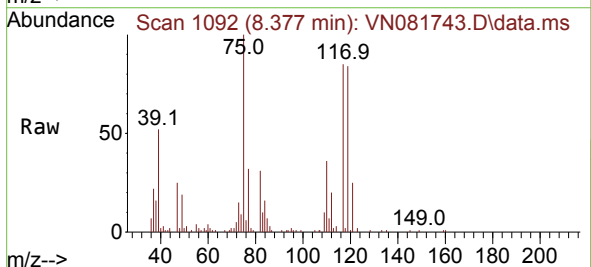
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

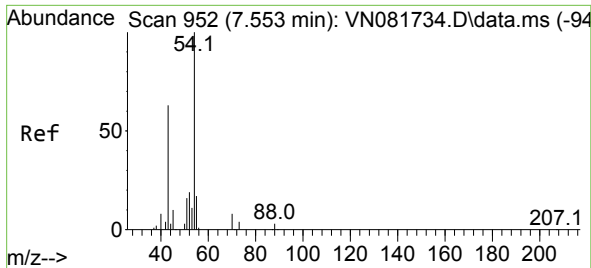
Tgt Ion:113 Resp: 130659
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 16.9 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 16.547 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion: 75 Resp: 69091
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.8 53.5
 77 30.2 25.0 37.4

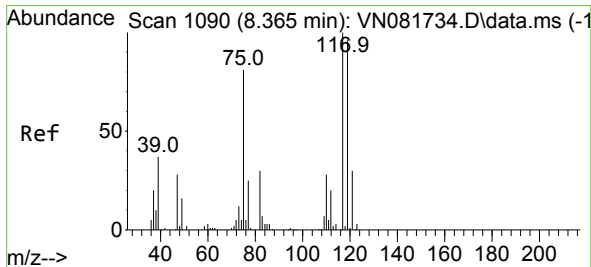
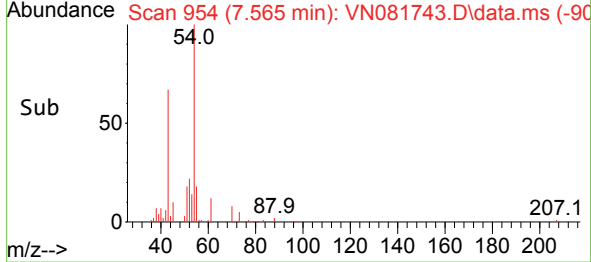
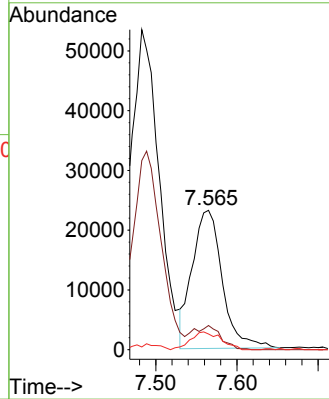
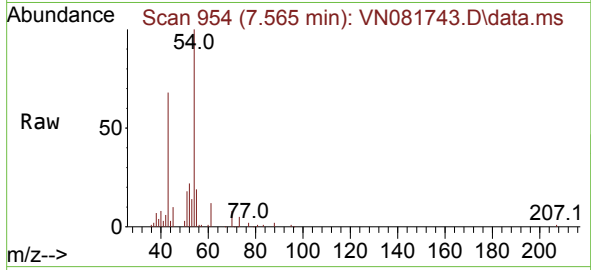




#37
Ethyl Acetate
Concen: 17.348 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

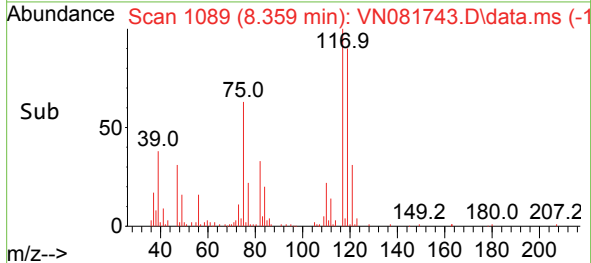
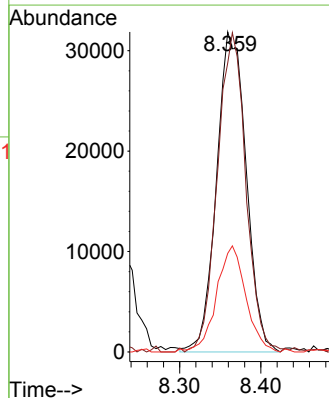
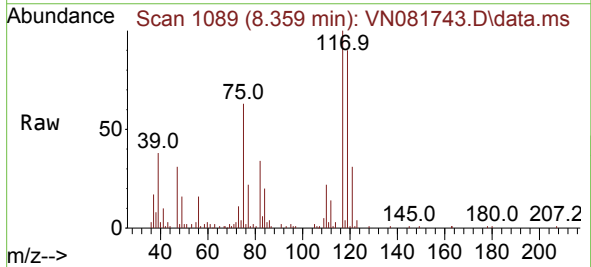
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

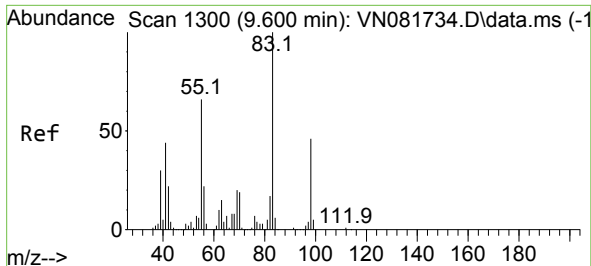
Tgt Ion: 43 Resp: 59521
Ion Ratio Lower Upper
43 100
61 16.2 11.3 16.9
70 13.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 16.649 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 117 Resp: 80876
Ion Ratio Lower Upper
117 100
119 89.3 76.5 114.7
121 30.8 23.9 35.9





#39

Methylcyclohexane

Concen: 18.286 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

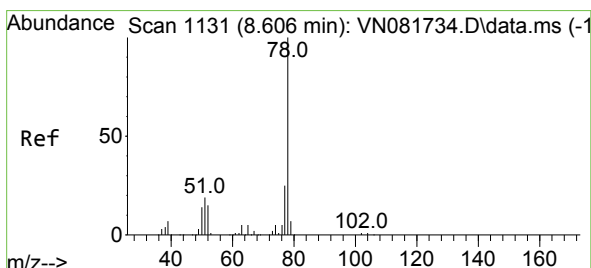
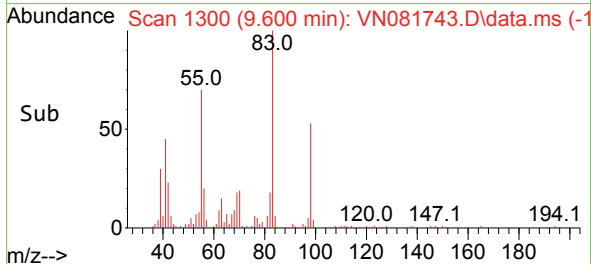
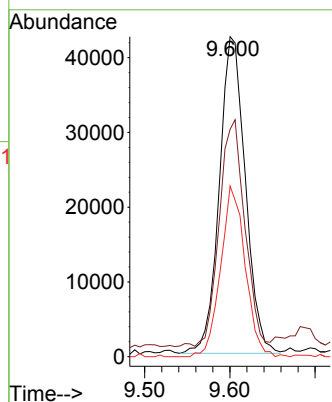
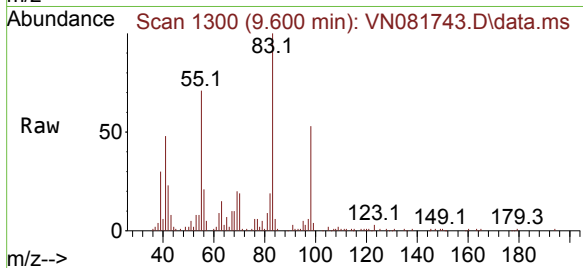
Tgt Ion: 83 Resp: 89950

Ion Ratio Lower Upper

83 100

55 68.4 53.0 79.6

98 53.8 37.1 55.7



#40

Benzene

Concen: 16.949 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081743.D

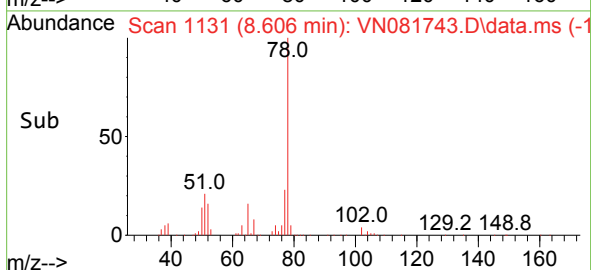
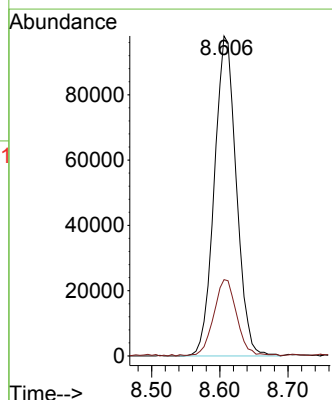
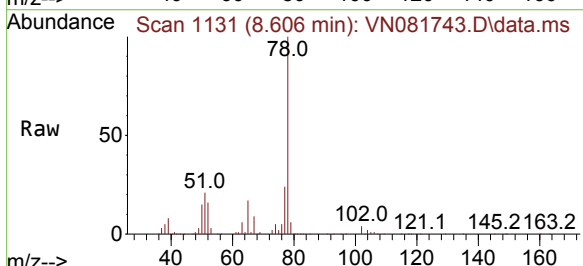
Acq: 15 Apr 2024 17:33

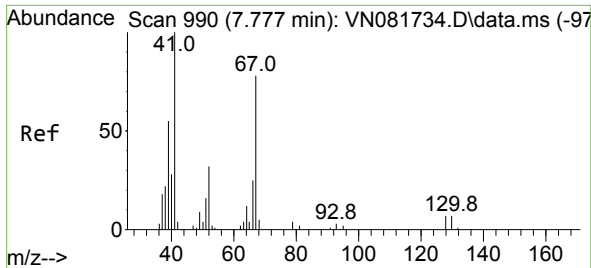
Tgt Ion: 78 Resp: 220445

Ion Ratio Lower Upper

78 100

77 23.7 20.0 30.0

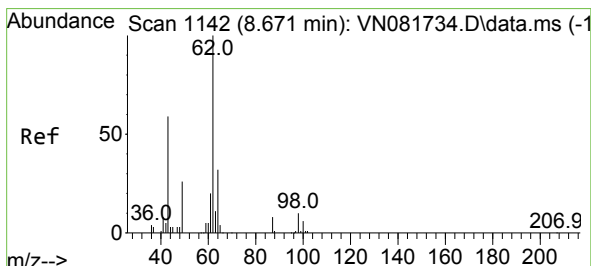
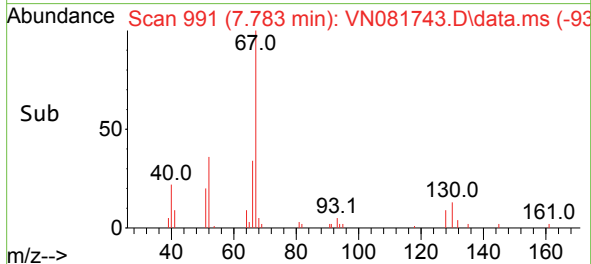
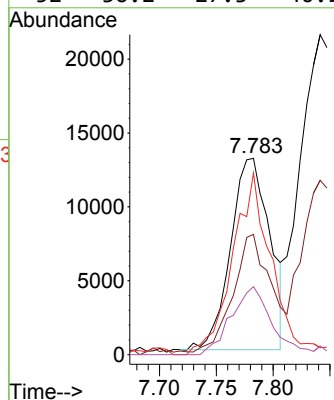
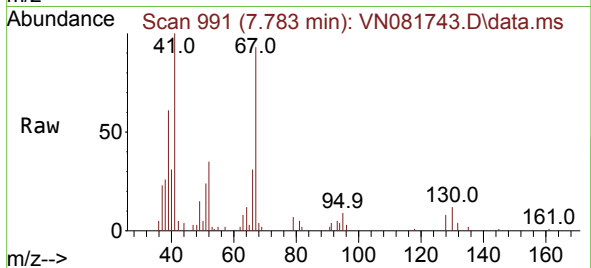




#41
Methacrylonitrile
Concen: 16.766 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

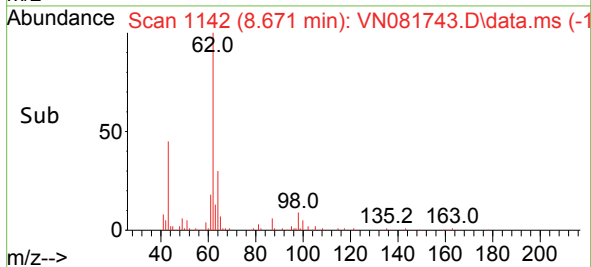
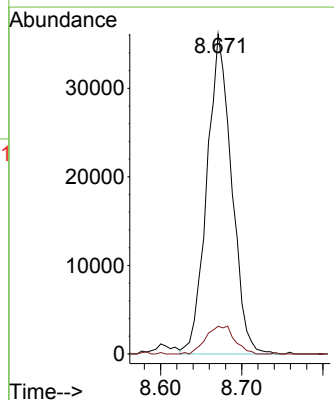
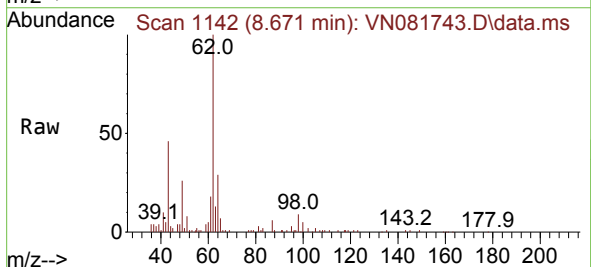
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

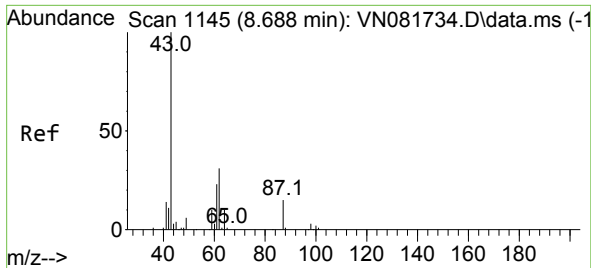
Tgt Ion:	41	Resp:	31226
Ion	Ratio	Lower	Upper
41	100		
39	61.2	46.6	69.8
67	94.5	67.3	100.9
52	36.2	27.3	40.9



#42
1,2-Dichloroethane
Concen: 16.864 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:	62	Resp:	76459
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6

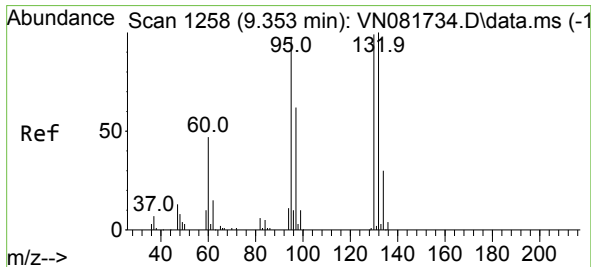
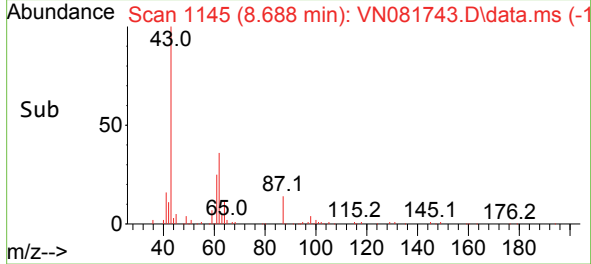
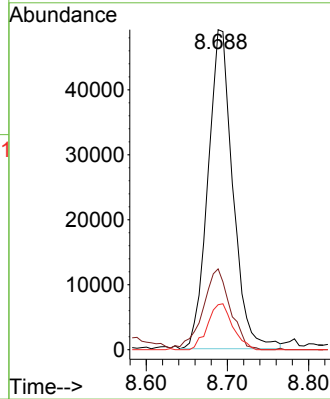
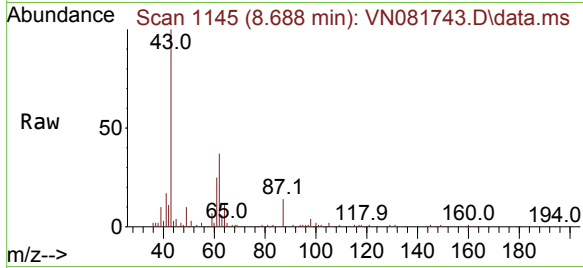




#43
Isopropyl Acetate
Concen: 16.350 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

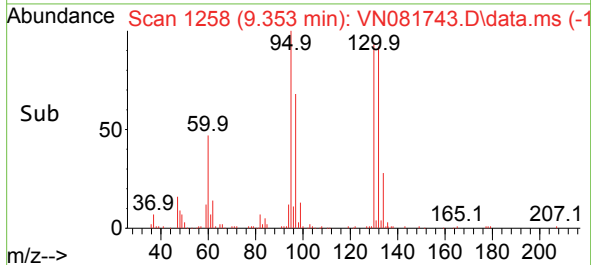
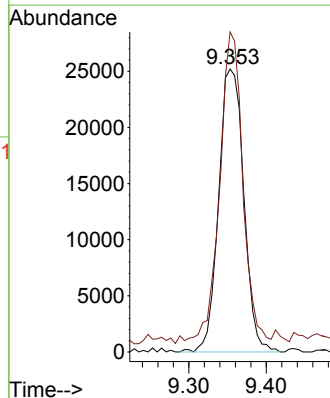
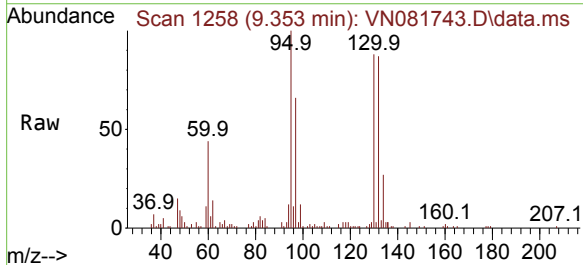
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

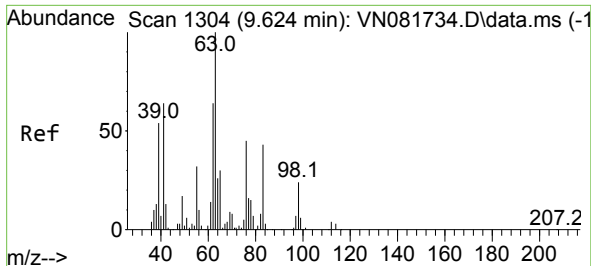
Tgt Ion: 43 Resp: 104654
Ion Ratio Lower Upper
43 100
61 27.7 22.8 34.2
87 14.4 12.0 18.0



#44
Trichloroethene
Concen: 16.824 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:130 Resp: 56904
Ion Ratio Lower Upper
130 100
95 107.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.261 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

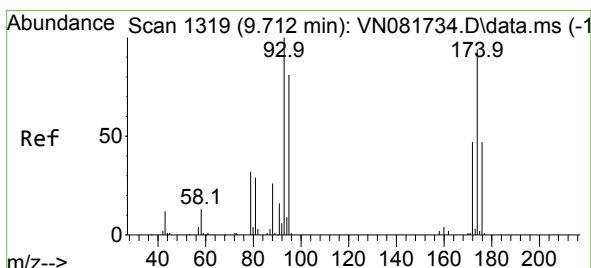
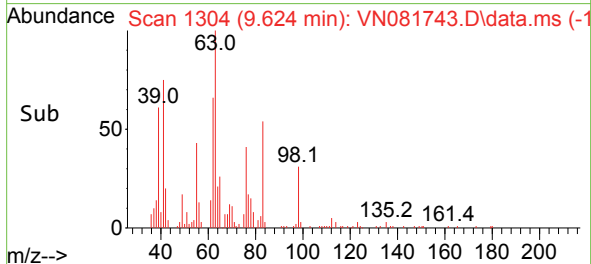
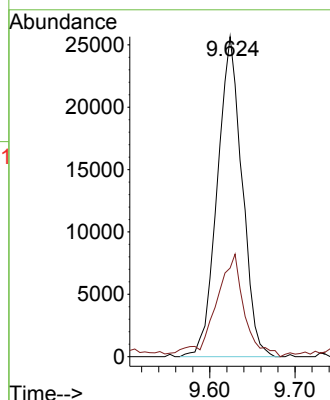
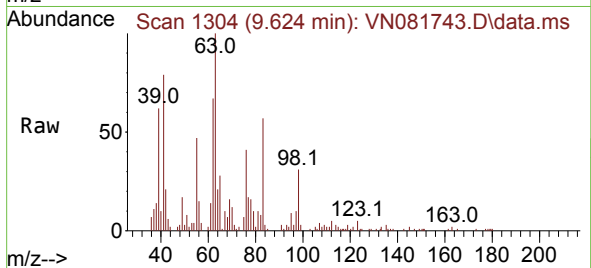
VN0415MBS01

Tgt Ion: 63 Resp: 51761

Ion Ratio Lower Upper

63 100

65 27.7 24.1 36.1



#46

Dibromomethane

Concen: 16.771 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

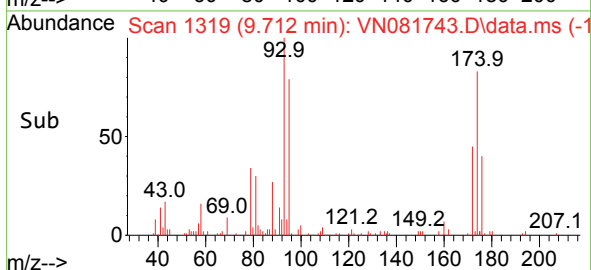
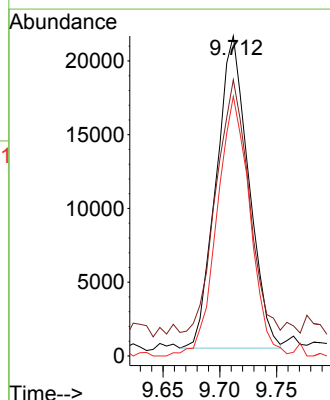
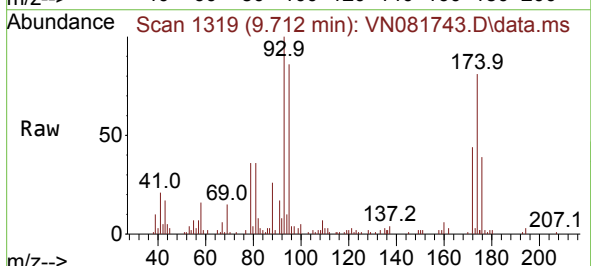
Tgt Ion: 93 Resp: 41975

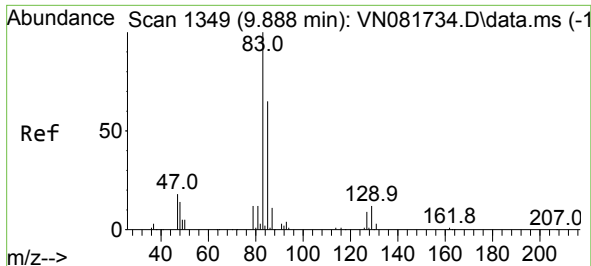
Ion Ratio Lower Upper

93 100

95 83.1 64.8 97.2

174 84.5 73.4 110.0





#47

Bromodichloromethane

Concen: 16.850 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

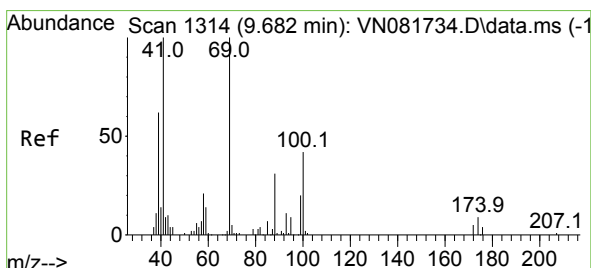
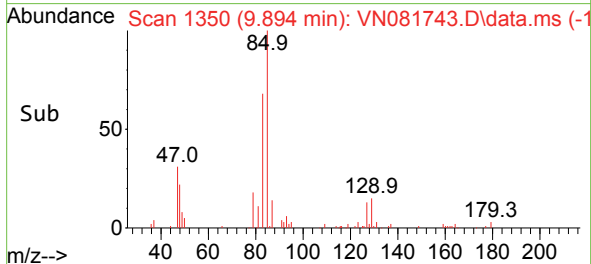
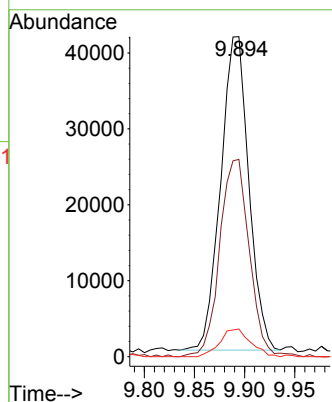
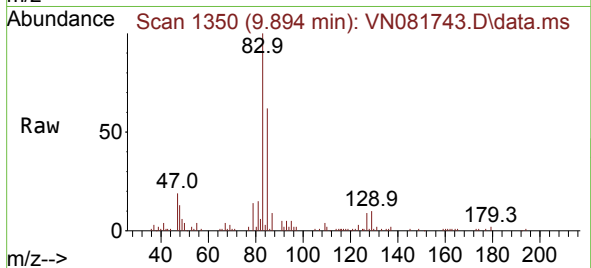
Tgt Ion: 83 Resp: 80558

Ion Ratio Lower Upper

83 100

85 63.0 51.9 77.9

127 8.8 7.5 11.3



#48

Methyl methacrylate

Concen: 18.067 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

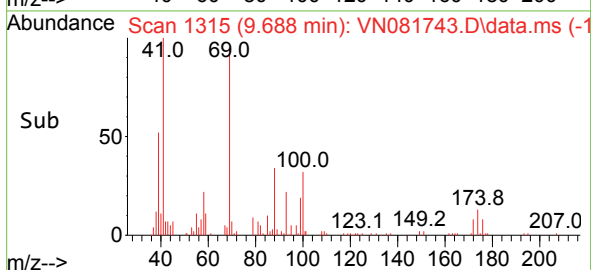
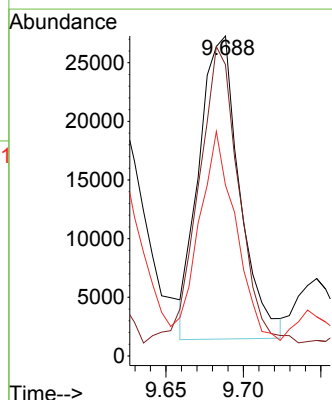
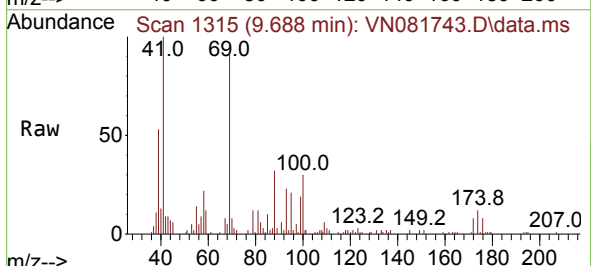
Tgt Ion: 41 Resp: 47136

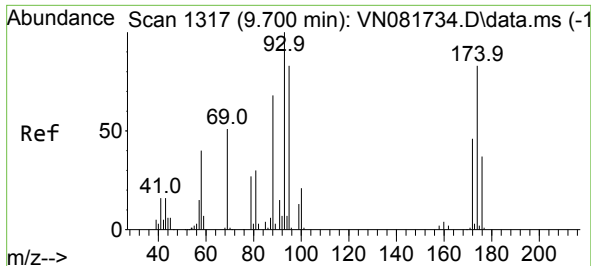
Ion Ratio Lower Upper

41 100

69 95.8 77.9 116.9

39 69.8 50.9 76.3





#49

1,4-Dioxane

Concen: 334.239 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

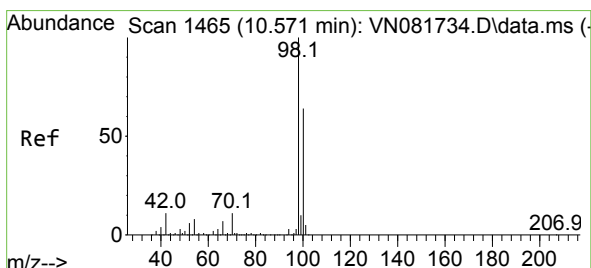
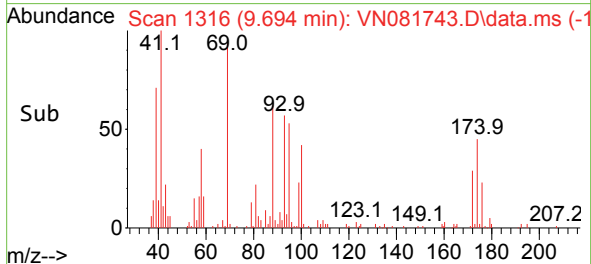
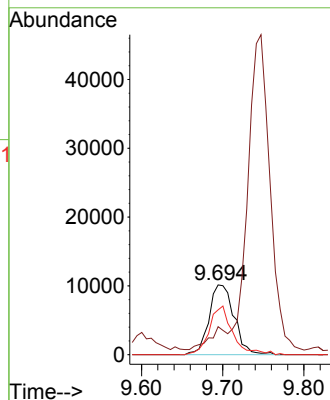
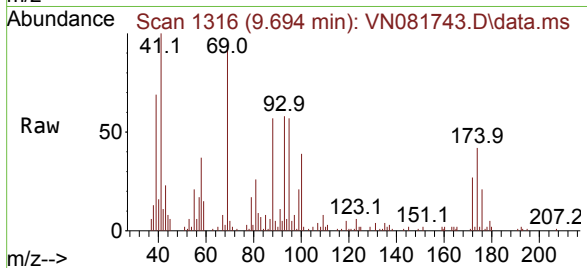
Tgt Ion: 88 Resp: 21870

Ion Ratio Lower Upper

88 100

43 24.5 19.0 28.6

58 64.4 50.6 76.0



#50

Toluene-d8

Concen: 47.470 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081743.D

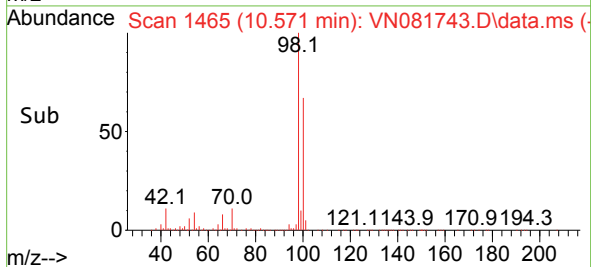
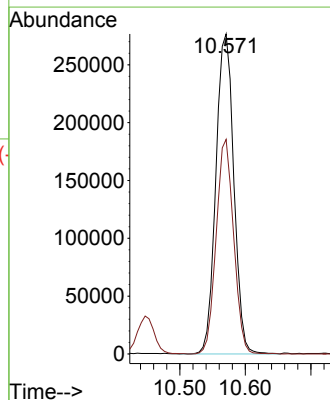
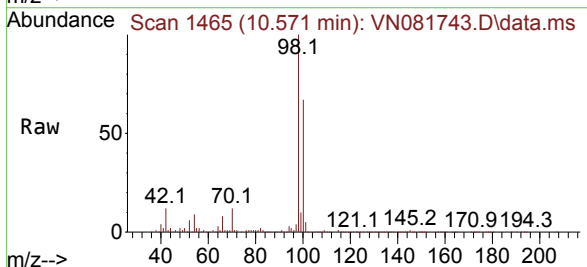
Acq: 15 Apr 2024 17:33

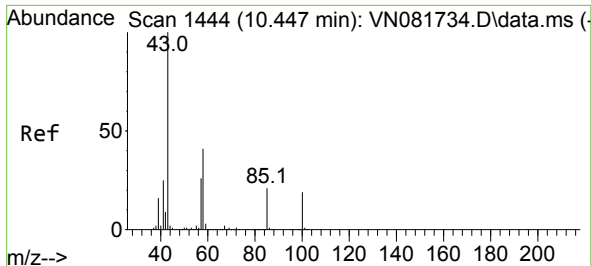
Tgt Ion: 98 Resp: 524077

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.6

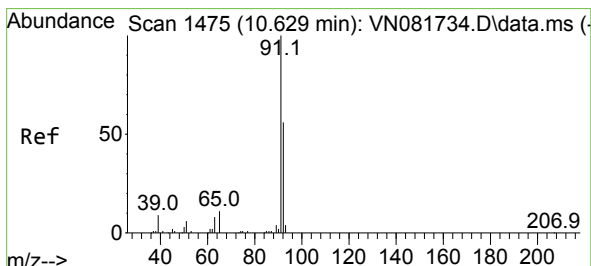
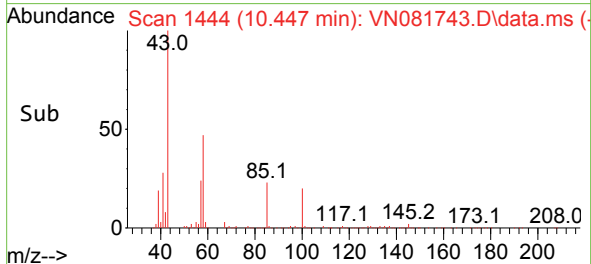
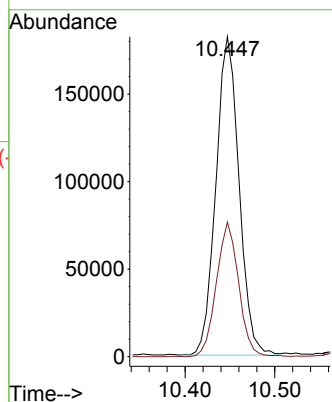
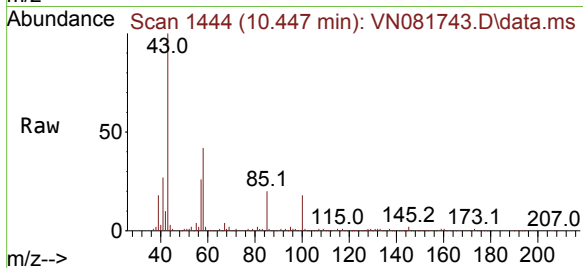




#51
4-Methyl-2-Pentanone
Concen: 91.414 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

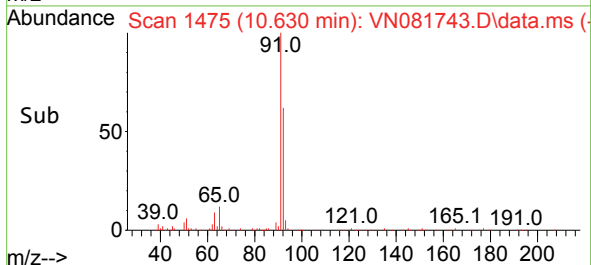
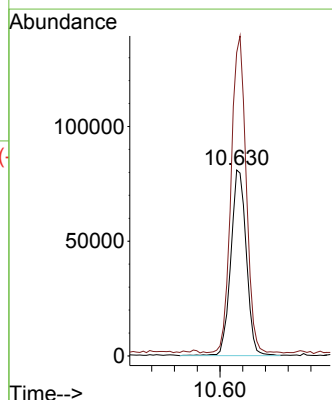
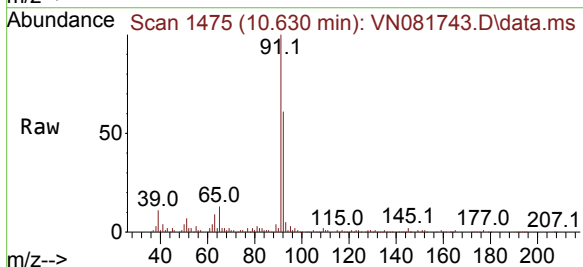
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

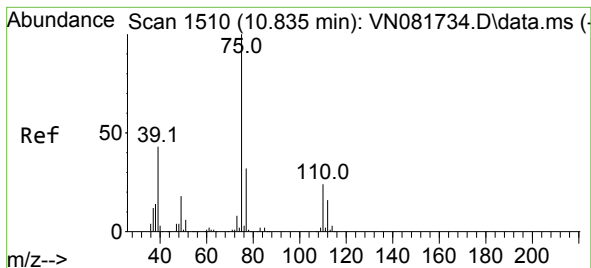
Tgt Ion: 43 Resp: 325455
Ion Ratio Lower Upper
43 100
58 40.7 33.2 49.8



#52
Toluene
Concen: 18.422 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 92 Resp: 152194
Ion Ratio Lower Upper
92 100
91 166.9 136.7 205.1

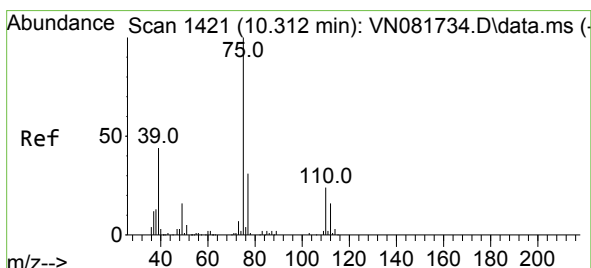
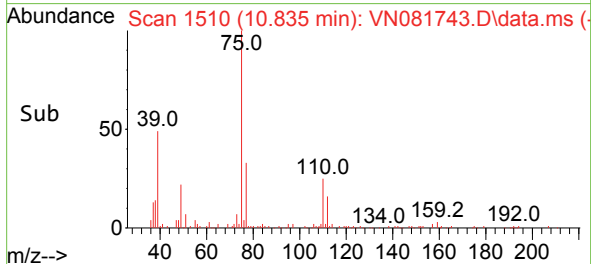
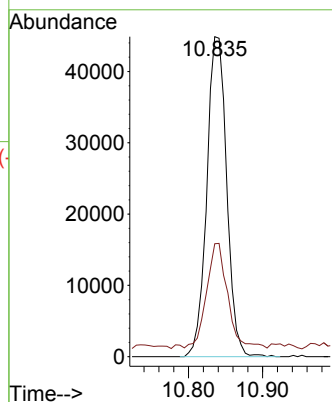
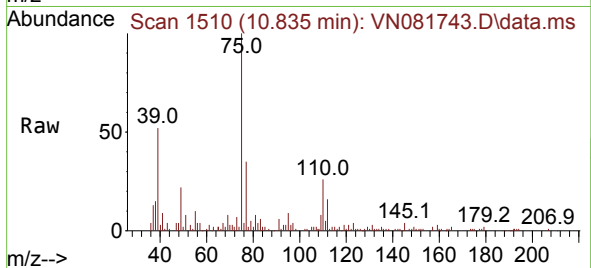




#53
 t-1,3-Dichloropropene
 Concen: 17.551 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

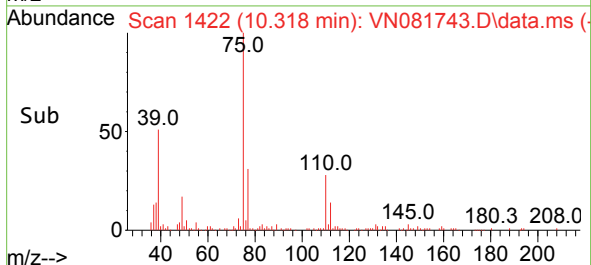
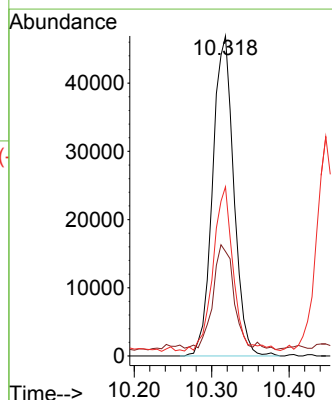
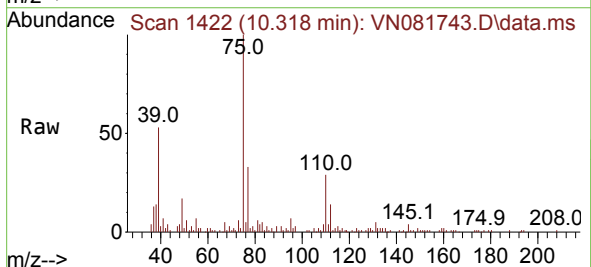
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

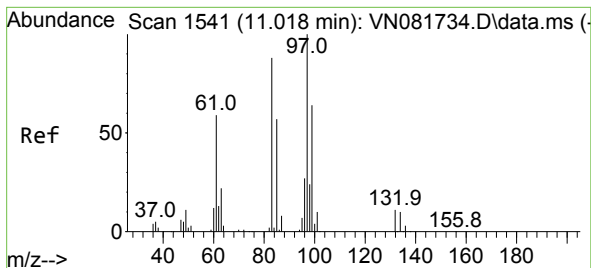
Tgt Ion: 75 Resp: 83591
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.526 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion: 75 Resp: 88918
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4
 39 51.1 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 19.124 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

Tgt Ion: 97 Resp: 59352

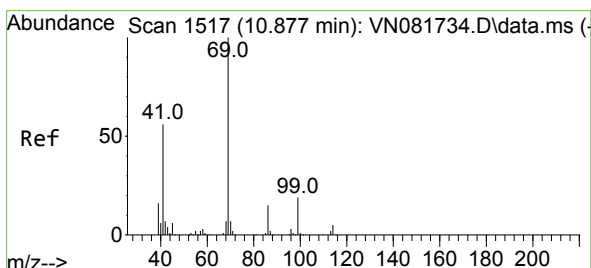
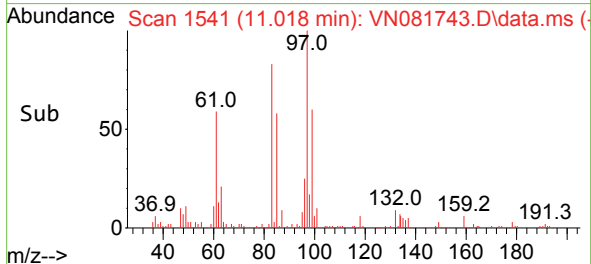
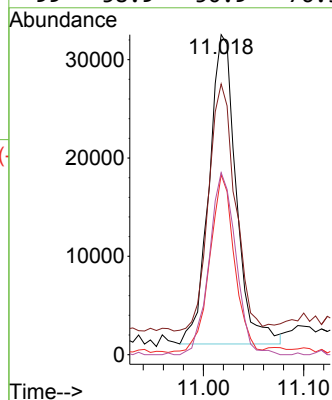
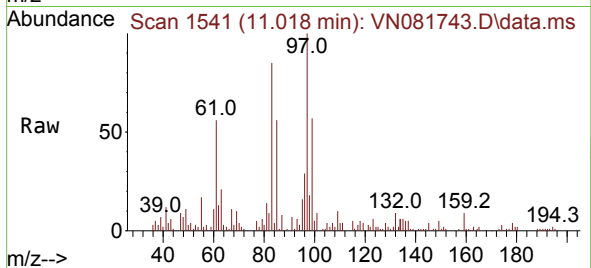
Ion Ratio Lower Upper

97 100

83 79.6 70.4 105.6

85 57.0 45.6 68.4

99 58.9 50.9 76.3



#56

Ethyl methacrylate

Concen: 20.533 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

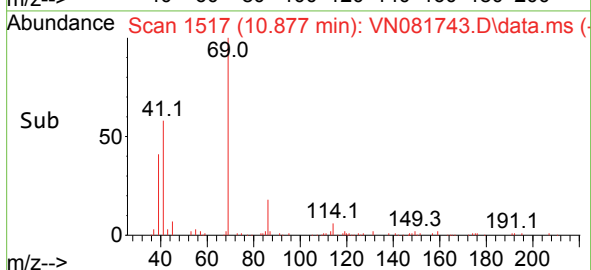
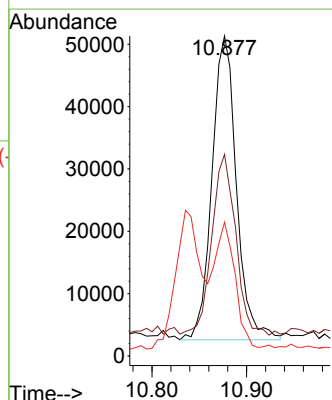
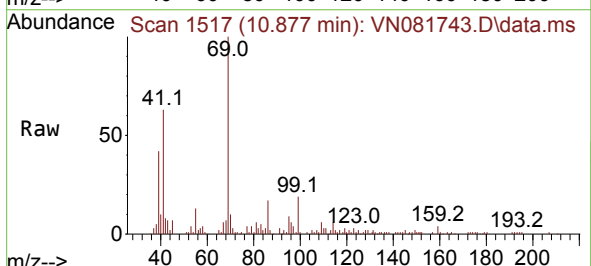
Tgt Ion: 69 Resp: 87680

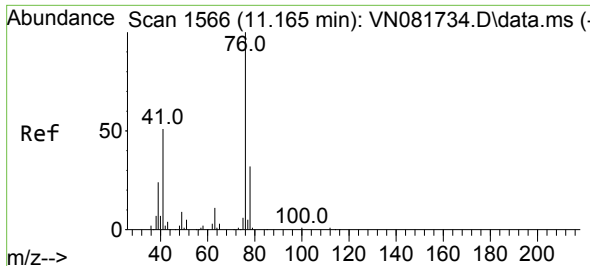
Ion Ratio Lower Upper

69 100

41 58.2 46.6 70.0

39 33.9 26.5 39.7





#57

1,3-Dichloropropane

Concen: 18.184 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

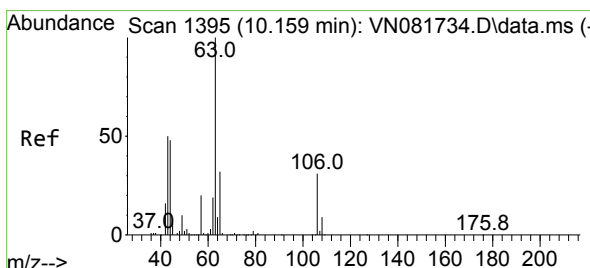
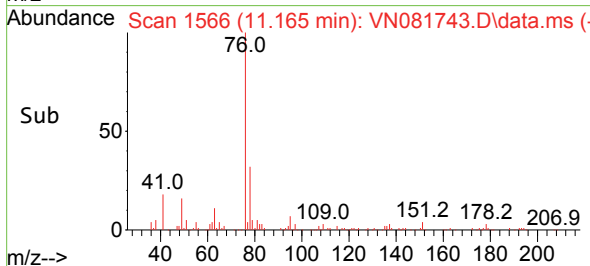
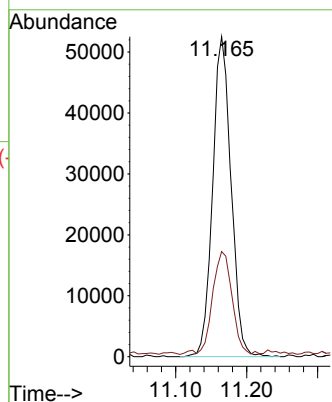
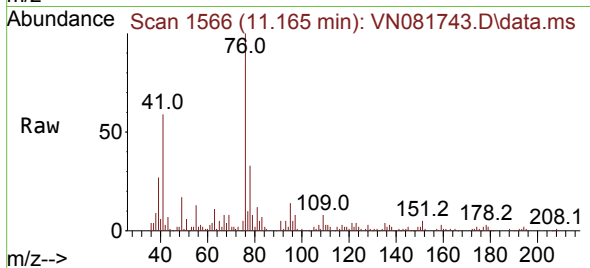
VN0415MBS01

Tgt Ion: 76 Resp: 94463

Ion Ratio Lower Upper

76 100

78 34.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 59.856 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081743.D

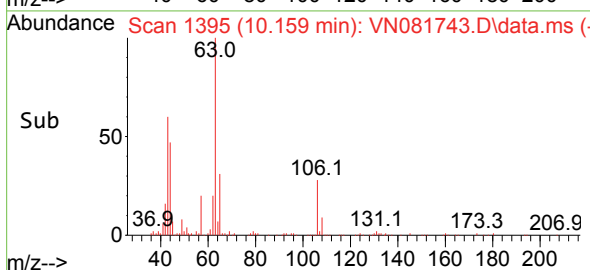
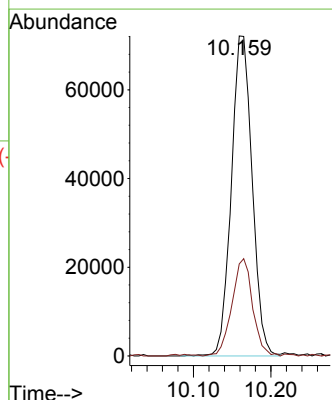
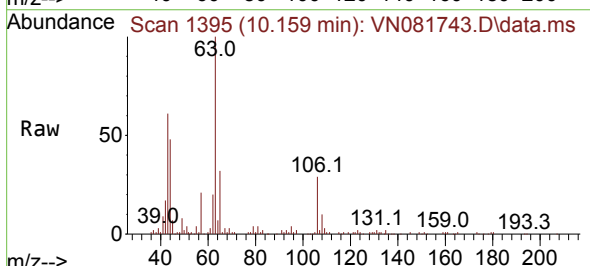
Acq: 15 Apr 2024 17:33

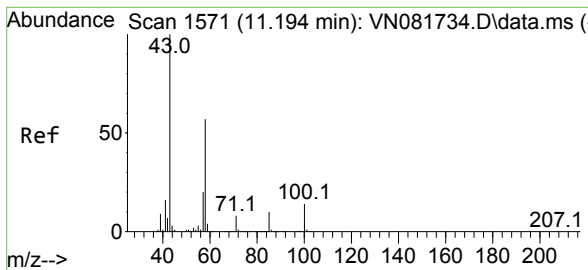
Tgt Ion: 63 Resp: 135241

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8

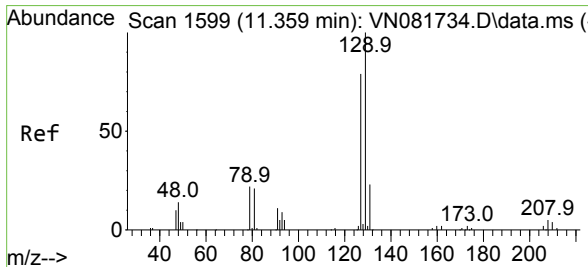
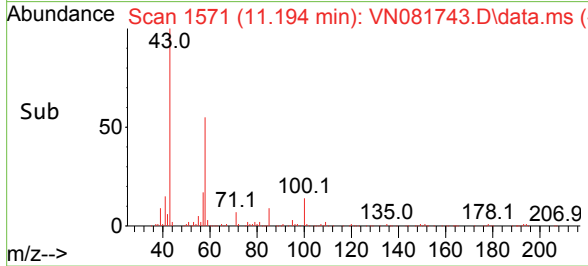
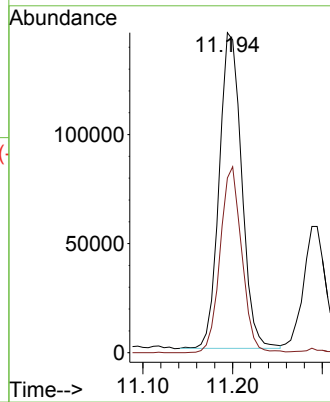
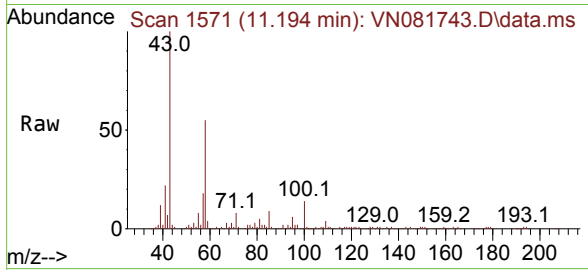




#59
2-Hexanone
Concen: 97.647 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

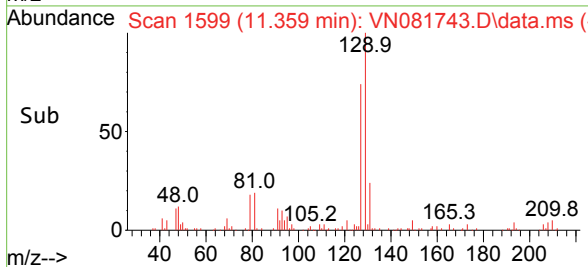
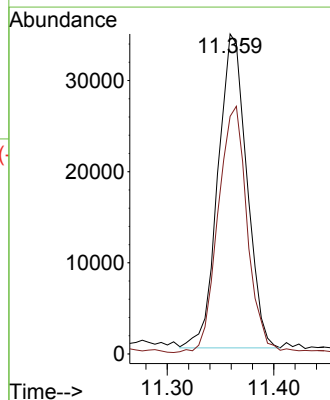
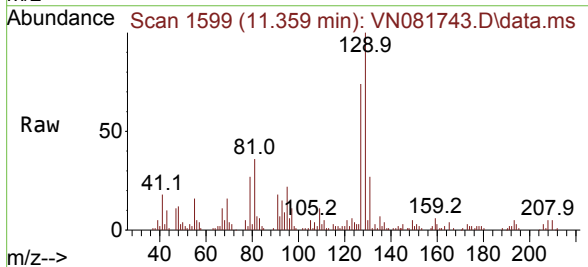
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

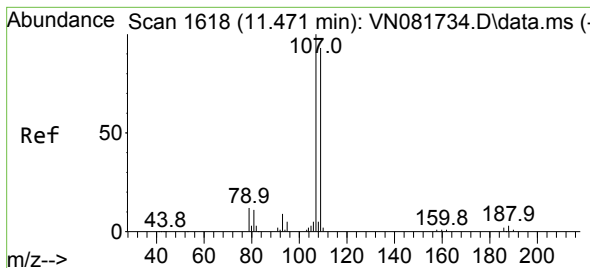
Tgt Ion: 43 Resp: 251664
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9



#60
Dibromochloromethane
Concen: 17.219 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 129 Resp: 64592
Ion Ratio Lower Upper
129 100
127 80.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 17.986 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

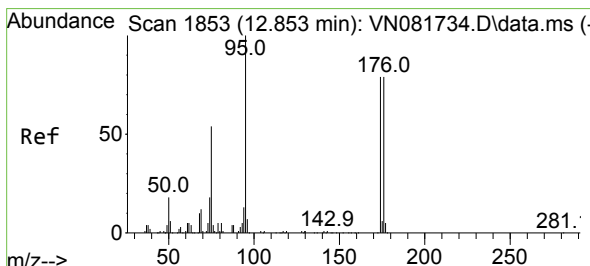
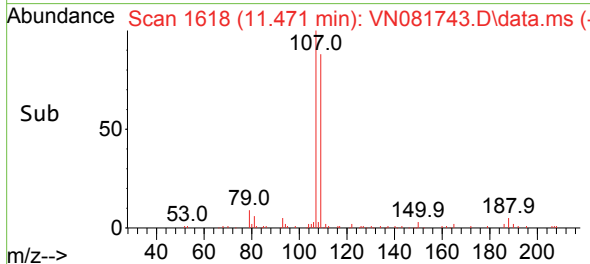
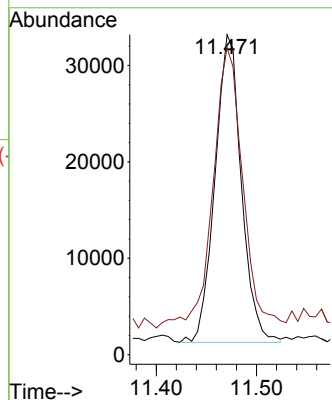
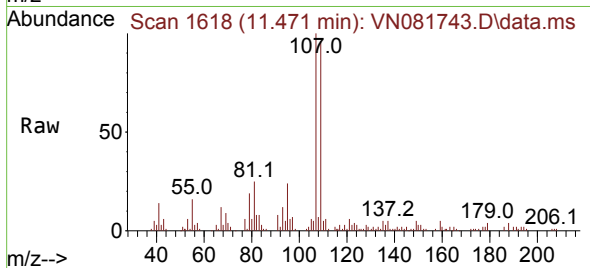
VN0415MBS01

Tgt Ion:107 Resp: 58226

Ion Ratio Lower Upper

107 100

109 103.4 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 53.011 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

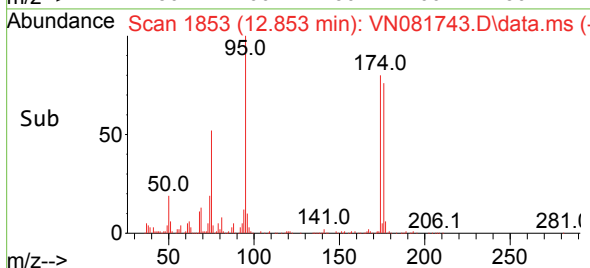
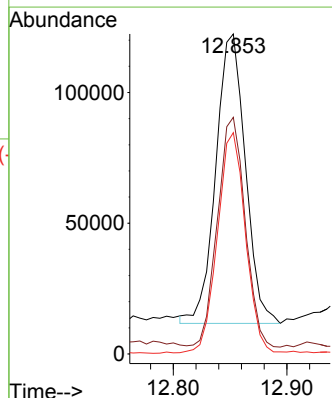
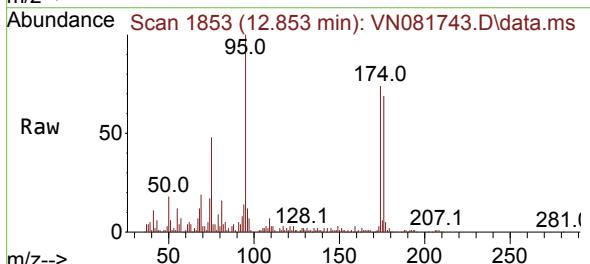
Tgt Ion: 95 Resp: 199997

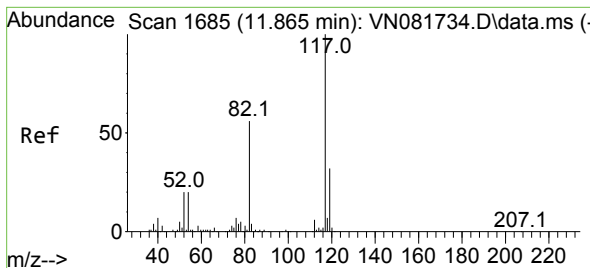
Ion Ratio Lower Upper

95 100

174 74.3 0.0 160.6

176 72.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

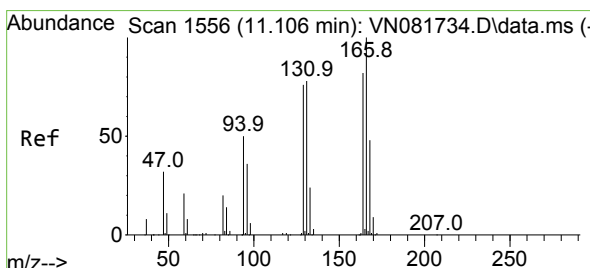
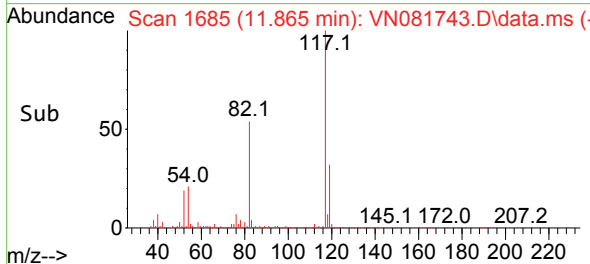
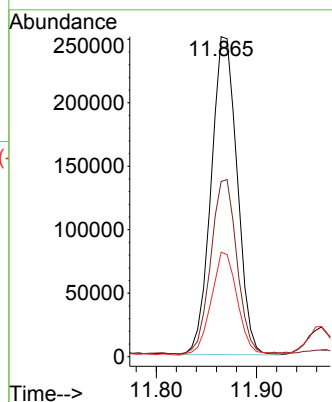
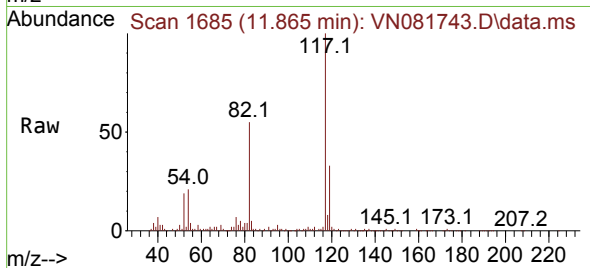
Tgt Ion:117 Resp: 451597

Ion Ratio Lower Upper

117 100

82 54.3 44.6 66.8

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 15.744 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Tgt Ion:164 Resp: 60324

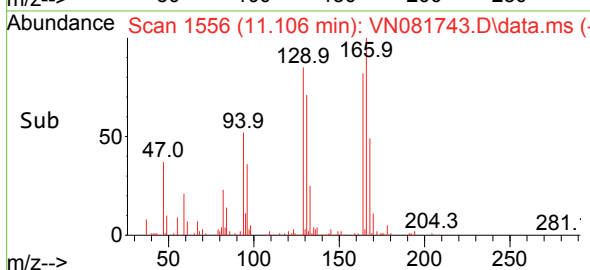
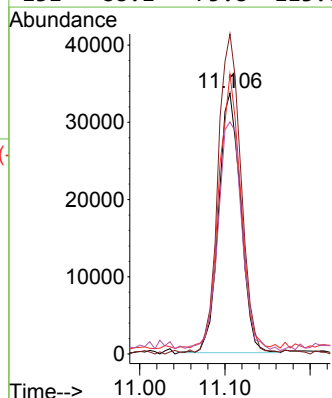
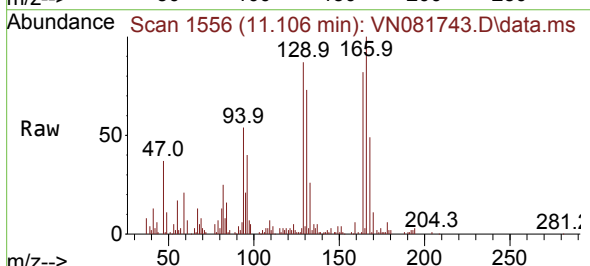
Ion Ratio Lower Upper

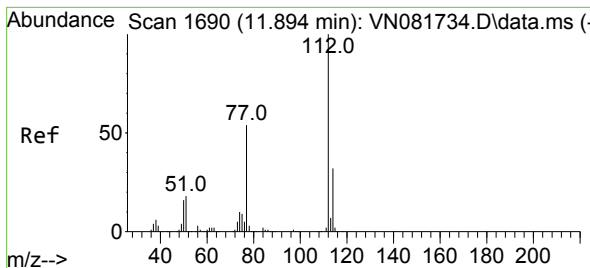
164 100

166 122.6 97.6 146.4

129 105.5 73.7 110.5

131 88.1 75.8 113.6

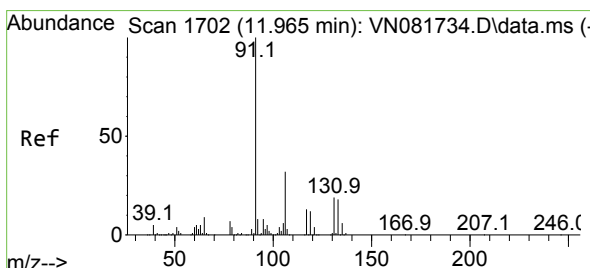
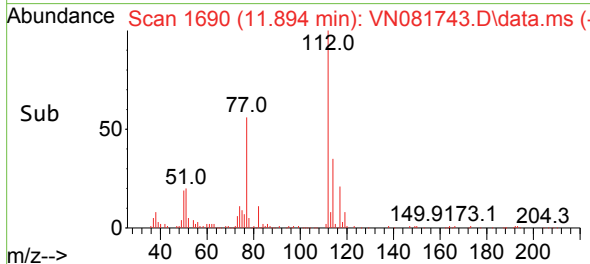
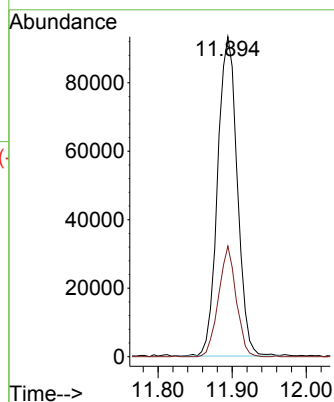
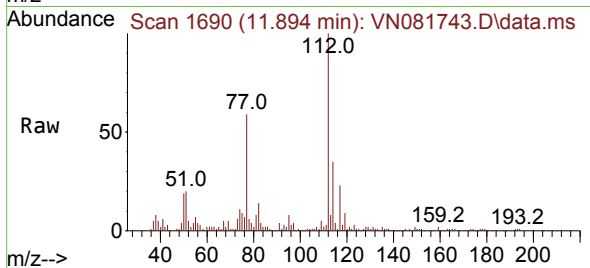




#65
Chlorobenzene
Concen: 16.508 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

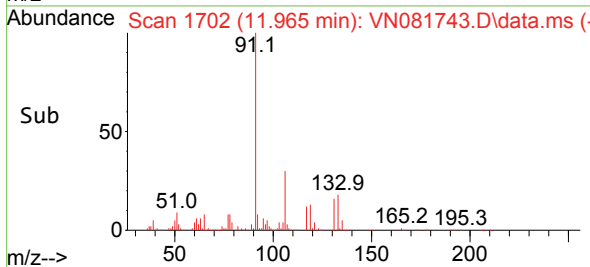
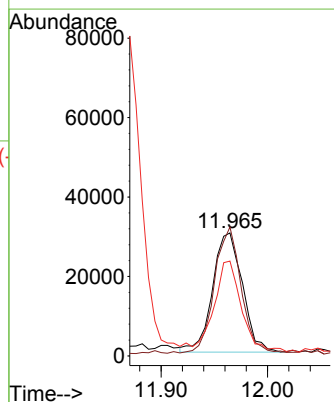
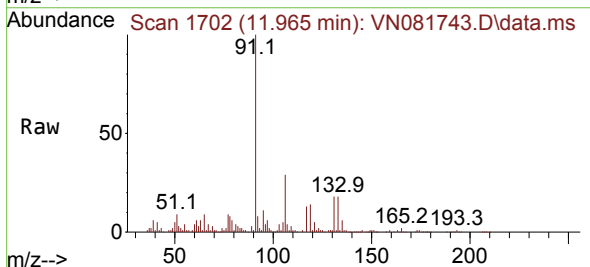
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

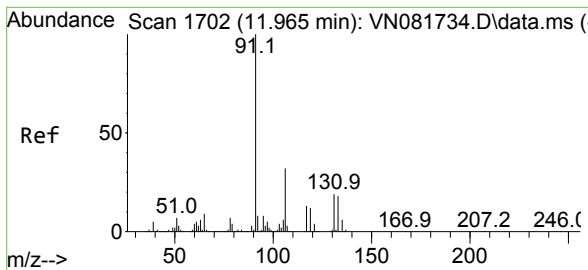
Tgt Ion:112 Resp: 171534
Ion Ratio Lower Upper
112 100
114 34.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 16.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:131 Resp: 58530
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 70.2 32.9 98.7

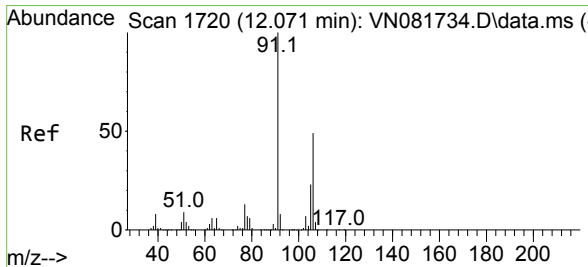
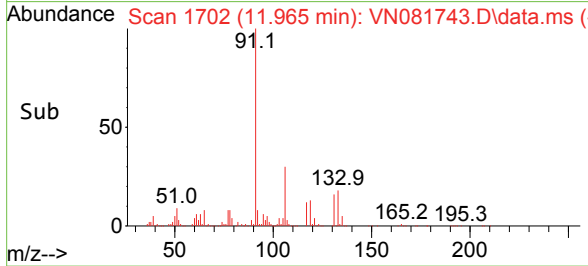
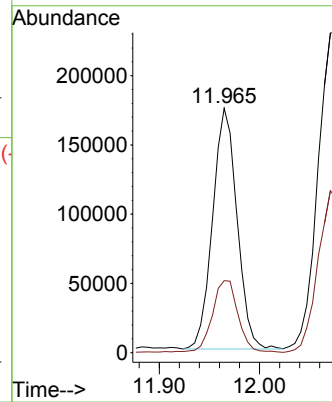
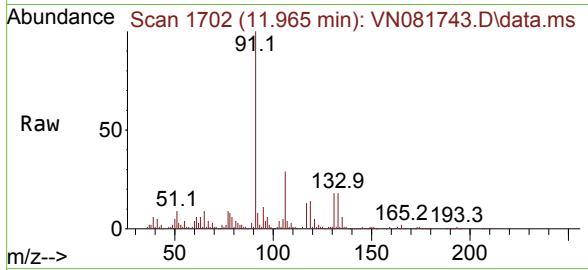




#67
Ethyl Benzene
Concen: 17.991 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

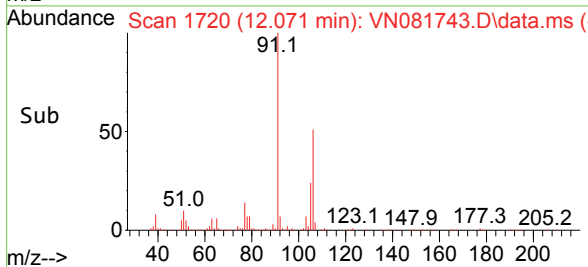
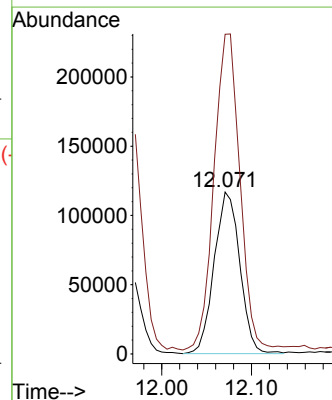
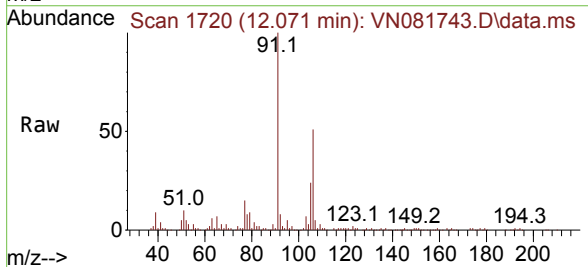
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

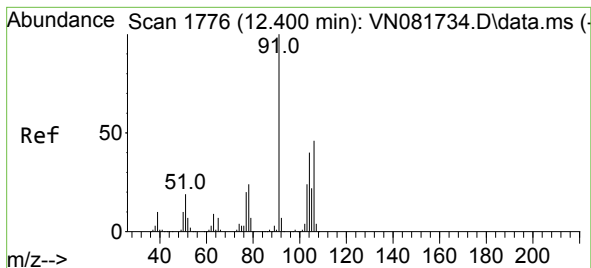
Tgt Ion: 91 Resp: 294277
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9



#68
m/p-Xylenes
Concen: 36.395 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 106 Resp: 231489
Ion Ratio Lower Upper
106 100
91 197.9 159.4 239.0





#69

o-Xylene

Concen: 18.734 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

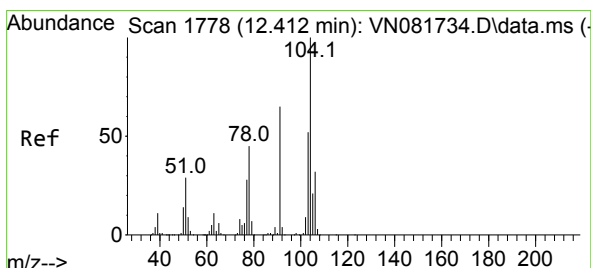
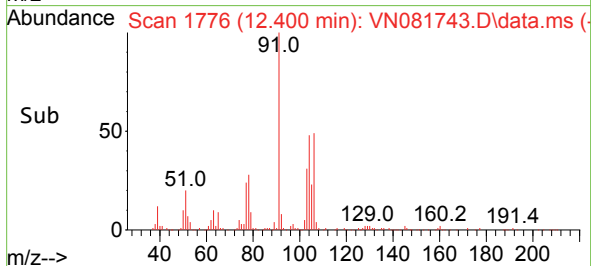
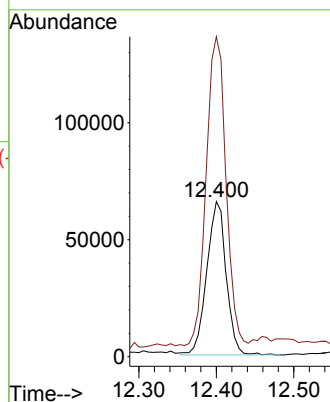
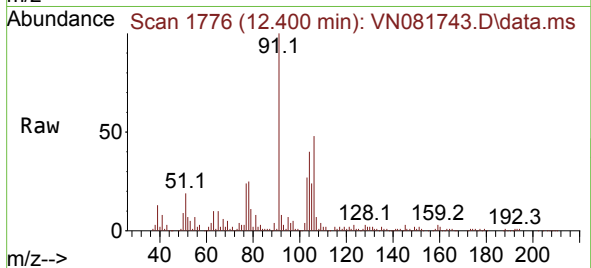
VN0415MBS01

Tgt Ion:106 Resp: 114196

Ion Ratio Lower Upper

106 100

91 204.2 104.7 314.1



#70

Styrene

Concen: 18.545 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

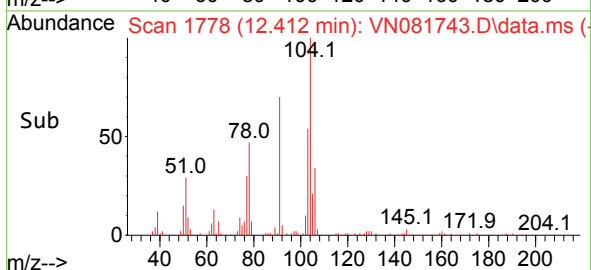
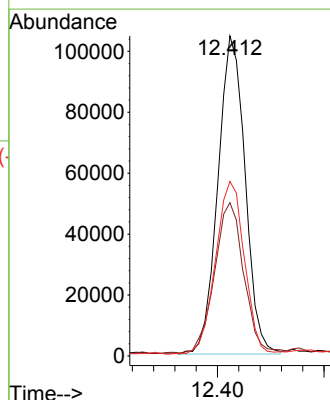
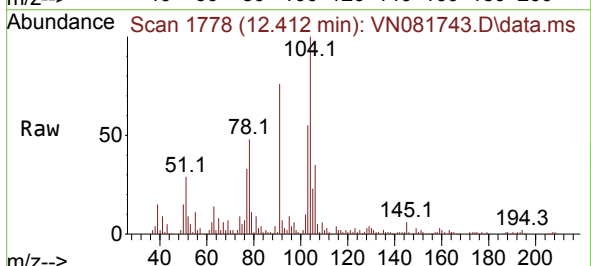
Tgt Ion:104 Resp: 185197

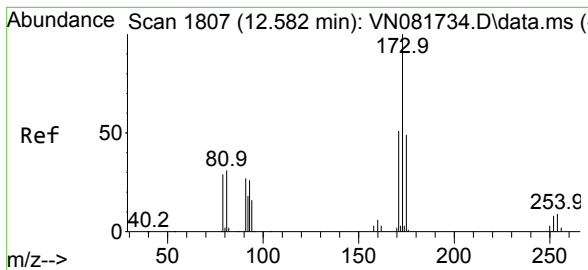
Ion Ratio Lower Upper

104 100

78 51.3 38.6 58.0

103 57.5 43.8 65.6

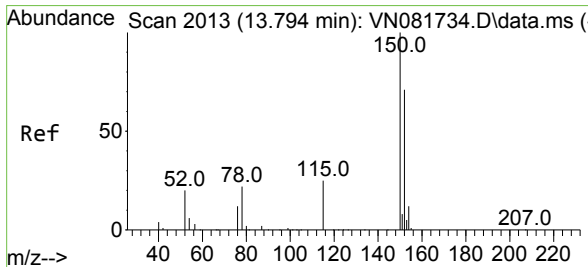
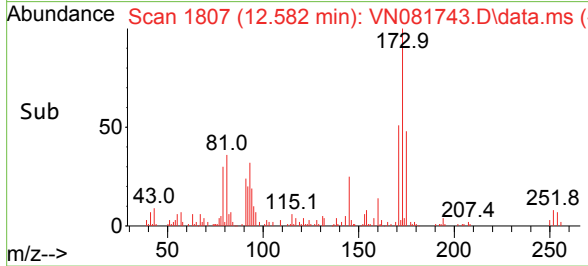
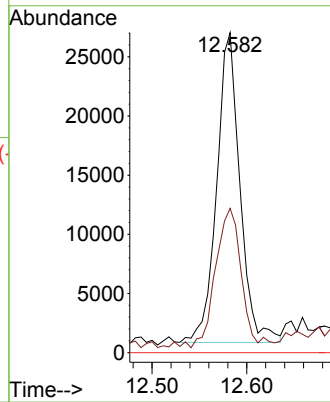
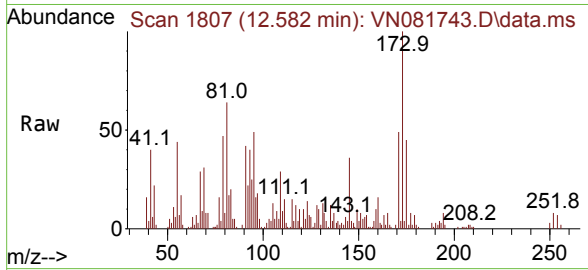




#71
Bromoform
Concen: 16.365 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

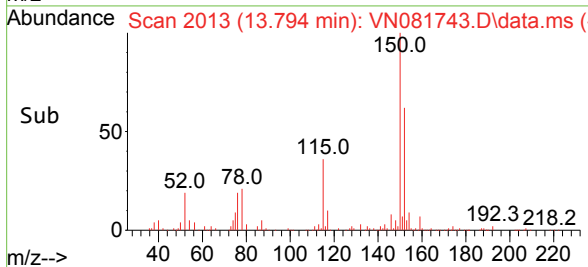
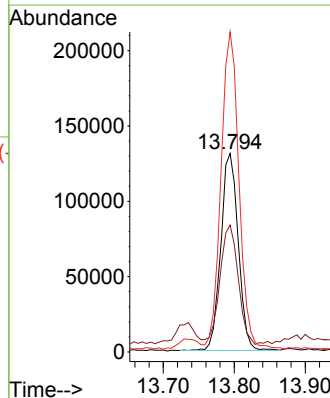
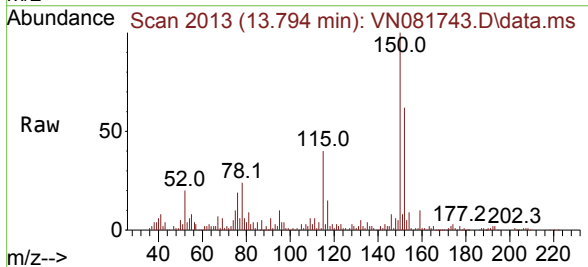
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

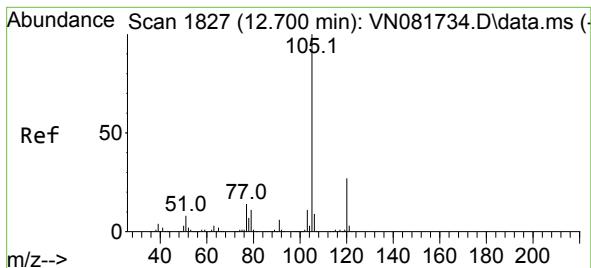
Tgt Ion:173 Resp: 44763
Ion Ratio Lower Upper
173 100
175 50.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:152 Resp: 221935
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 166.0 0.0 353.2





#73

Isopropylbenzene

Concen: 17.889 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

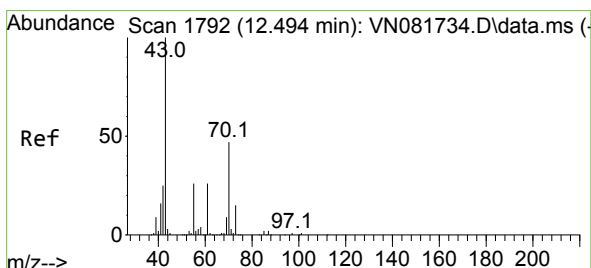
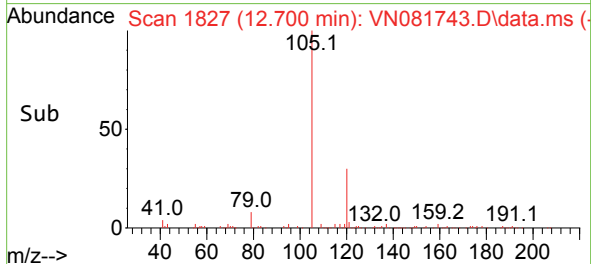
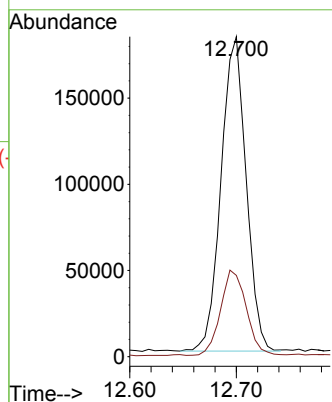
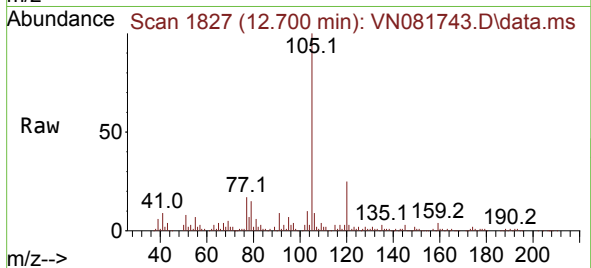
VN0415MBS01

Tgt Ion:105 Resp: 297720

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 17.581 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Tgt Ion: 43 Resp: 106488

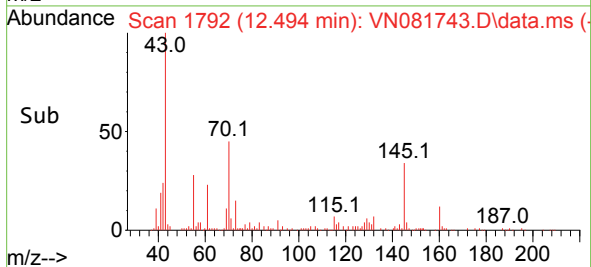
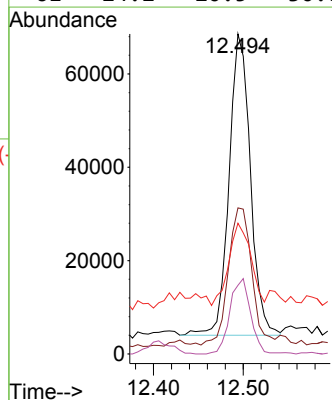
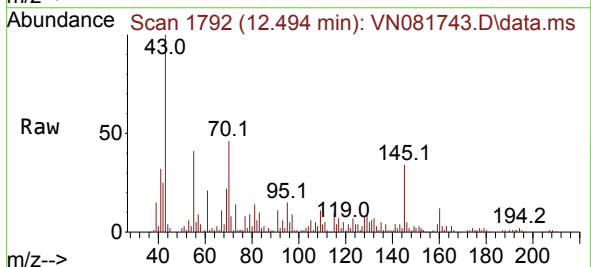
Ion Ratio Lower Upper

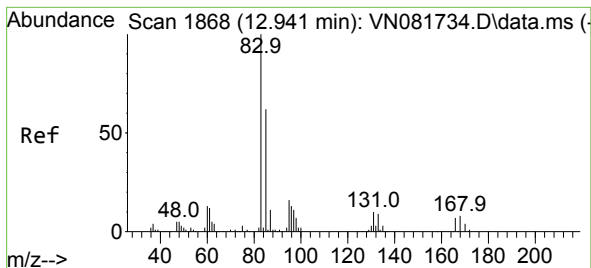
43 100

70 49.8 39.0 58.4

55 27.9 21.3 31.9

61 24.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 15.116 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

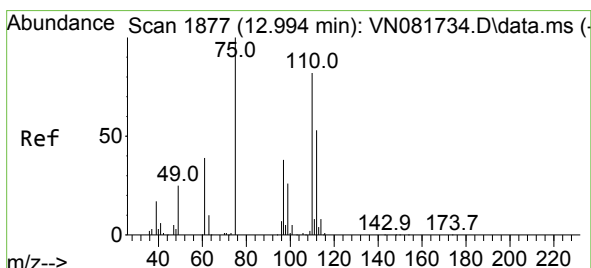
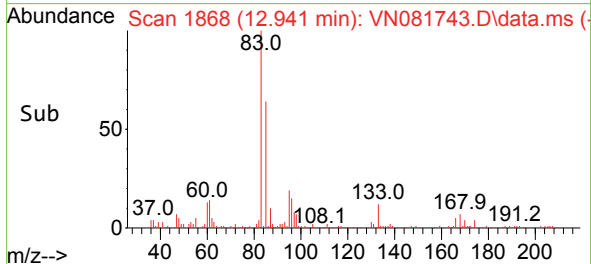
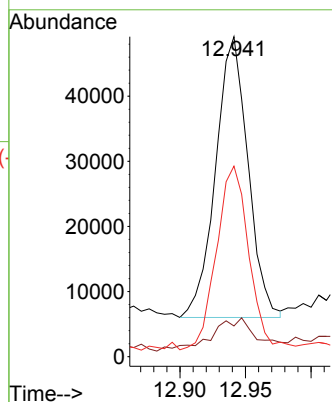
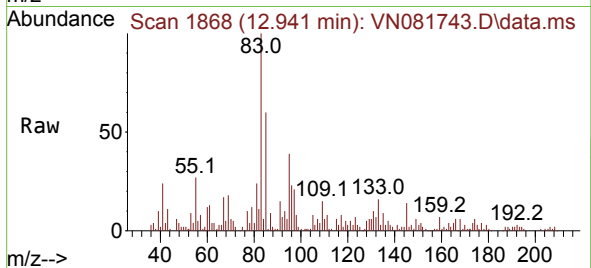
Tgt Ion: 83 Resp: 73911

Ion Ratio Lower Upper

83 100

131 17.1 5.5 16.4#

85 65.7 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 23.755 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN081743.D

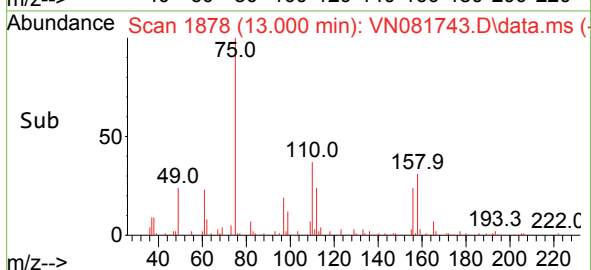
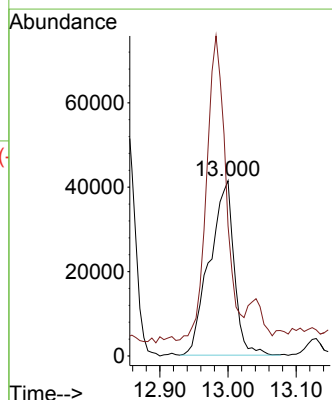
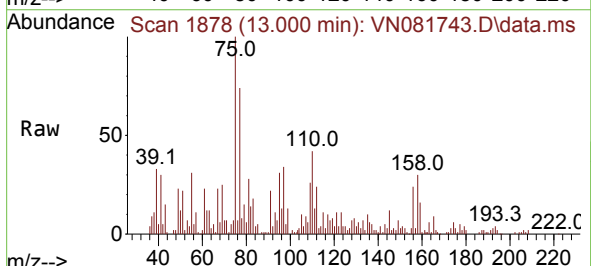
Acq: 15 Apr 2024 17:33

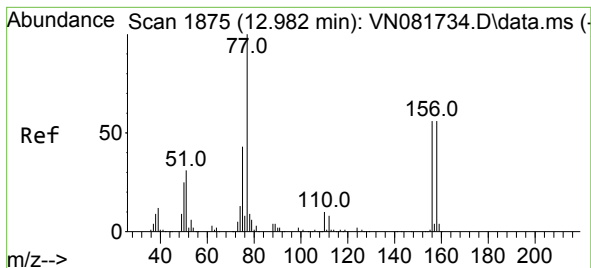
Tgt Ion: 75 Resp: 103862

Ion Ratio Lower Upper

75 100

77 137.8 90.5 271.3





#77

Bromobenzene

Concen: 15.921 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

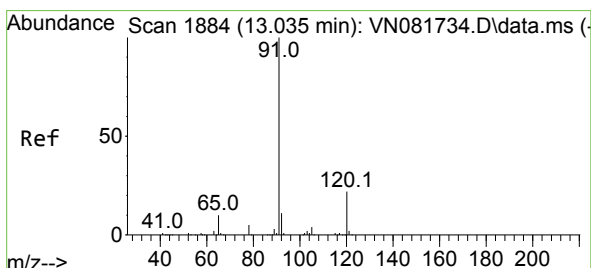
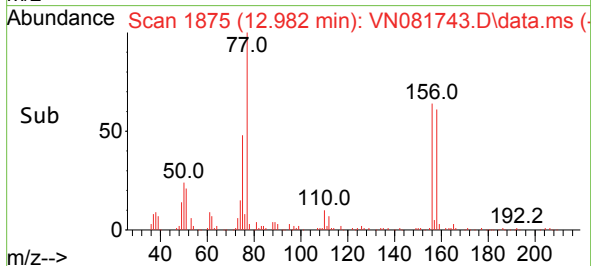
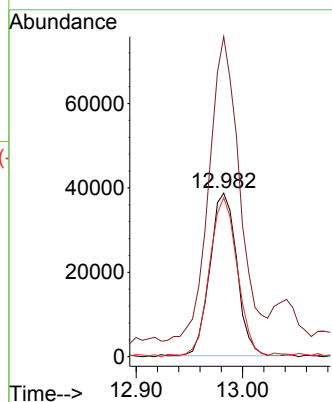
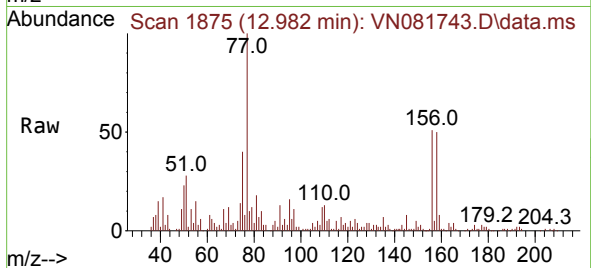
Tgt Ion:156 Resp: 67553

Ion Ratio Lower Upper

156 100

77 211.9 100.2 300.6

158 102.0 49.1 147.3



#78

n-propylbenzene

Concen: 18.143 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081743.D

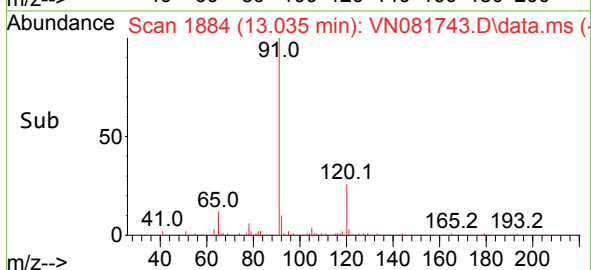
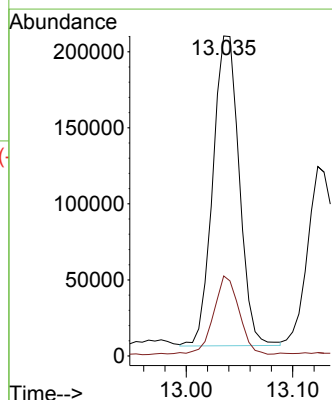
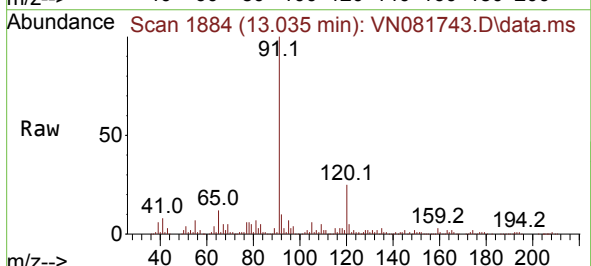
Acq: 15 Apr 2024 17:33

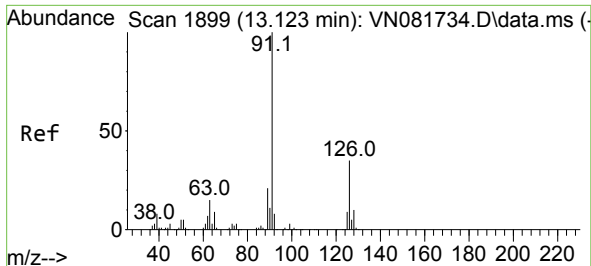
Tgt Ion: 91 Resp: 350385

Ion Ratio Lower Upper

91 100

120 25.0 11.7 35.0

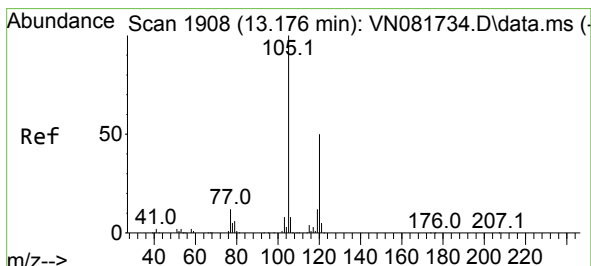
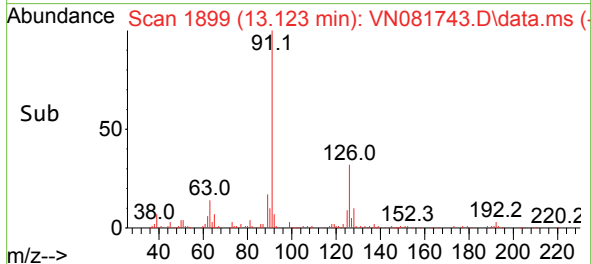
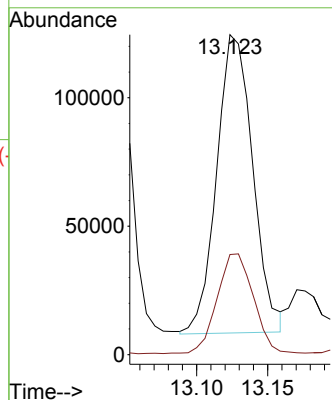
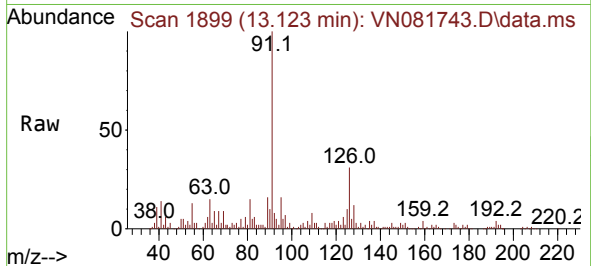




#79
2-Chlorotoluene
Concen: 17.044 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

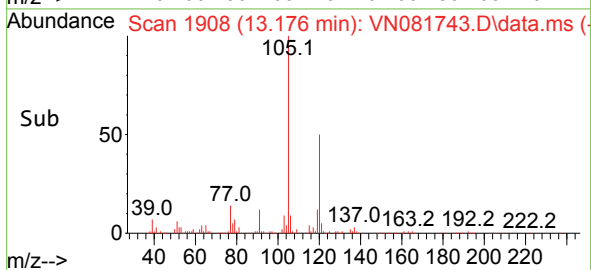
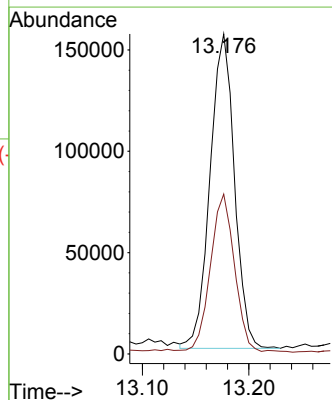
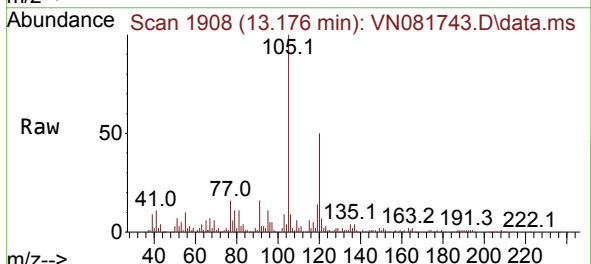
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

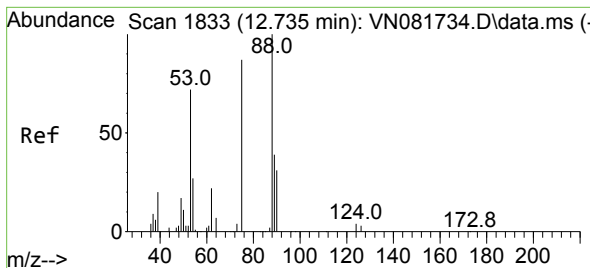
Tgt Ion: 91 Resp: 205173
Ion Ratio Lower Upper
91 100
126 33.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 18.151 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 105 Resp: 246765
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.3

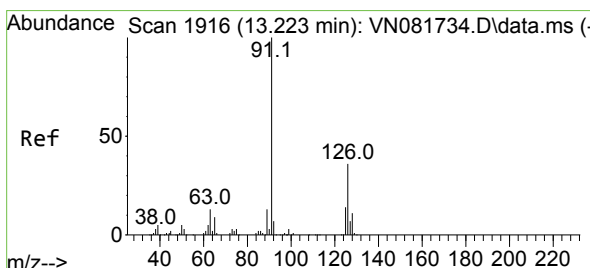
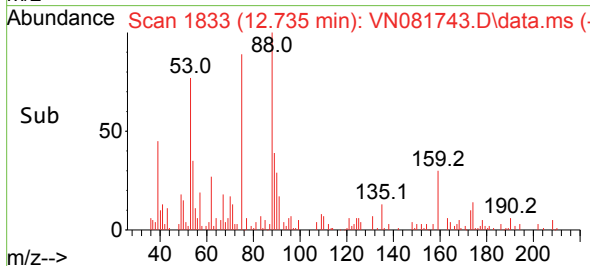
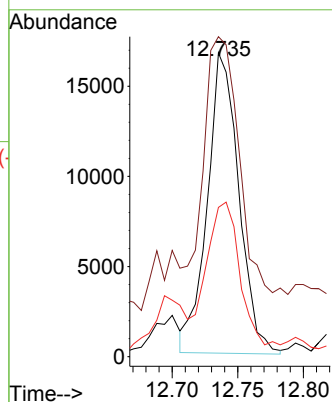
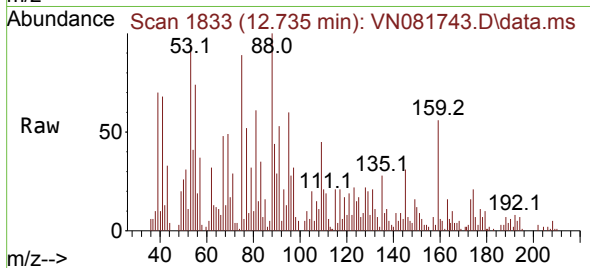




#81
trans-1,4-Dichloro-2-butene
Concen: 15.385 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

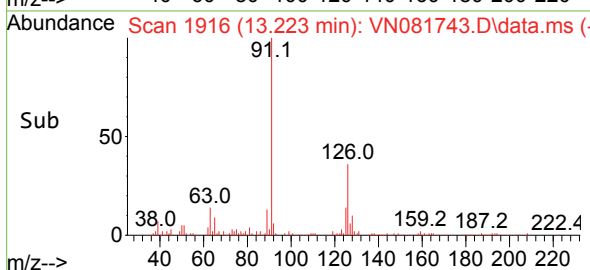
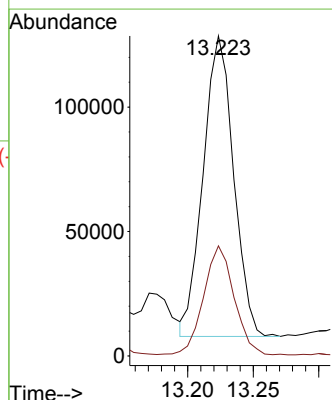
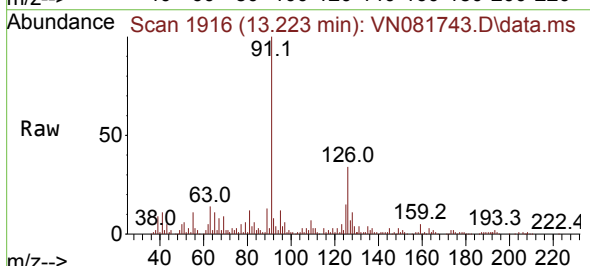
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

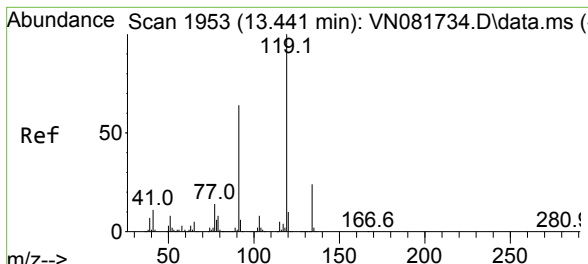
Tgt Ion: 75 Resp: 27906
Ion Ratio Lower Upper
75 100
53 107.9 72.9 109.3
89 51.9 39.1 58.7



#82
4-Chlorotoluene
Concen: 16.352 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 91 Resp: 194460
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3

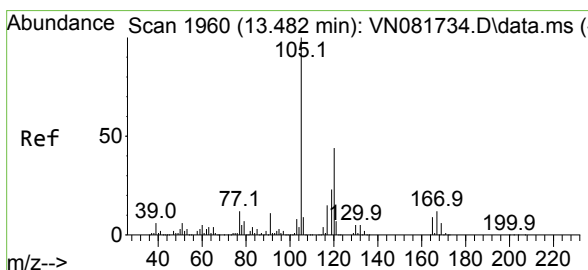
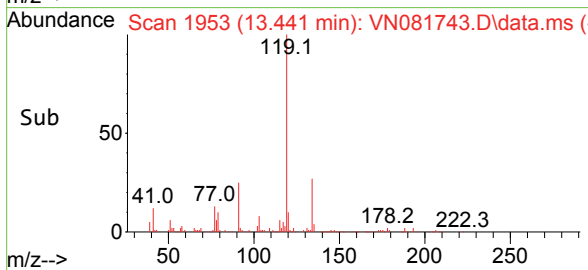
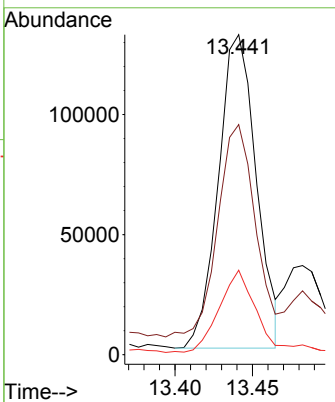
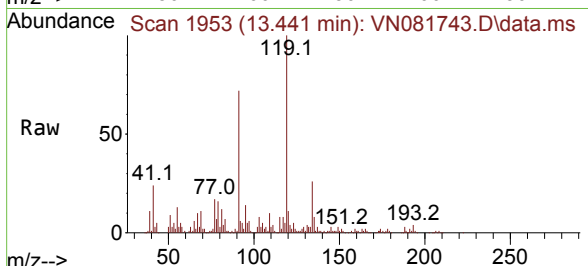




#83
 tert-Butylbenzene
 Concen: 18.669 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

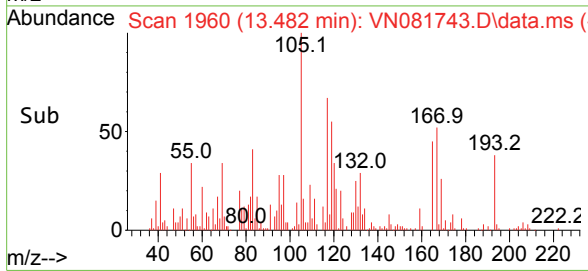
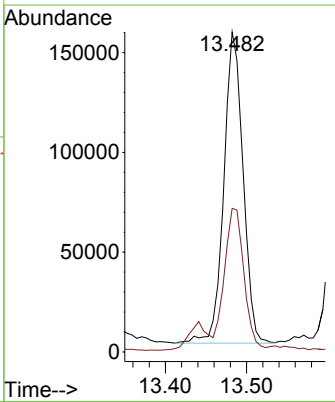
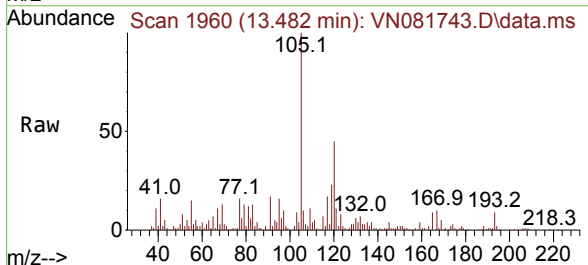
Instrument : MSVOA_N
 ClientSampleId : VN0415MBS01

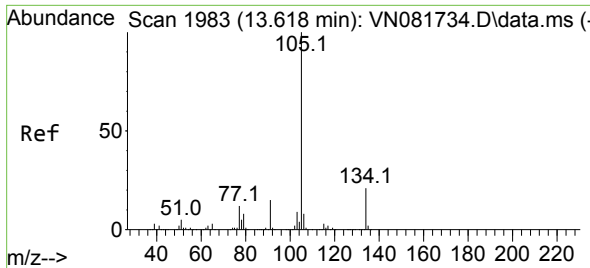
Tgt Ion:	119	Resp:	222297
Ion	Ratio	Lower	Upper
119	100		
91	68.0	32.6	97.8
134	27.6	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.710 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion:	105	Resp:	256572
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.7

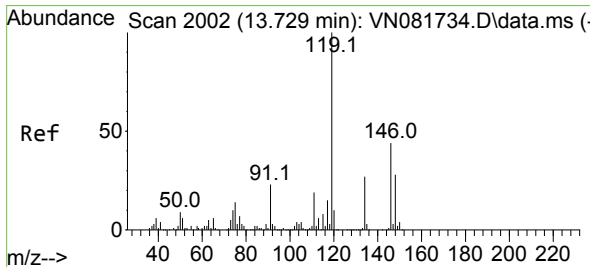
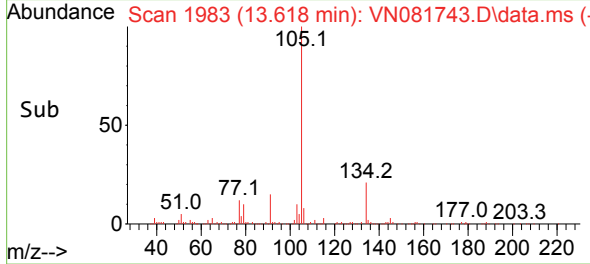
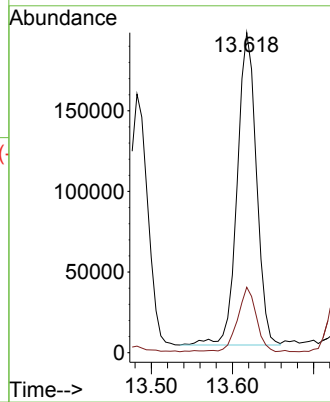
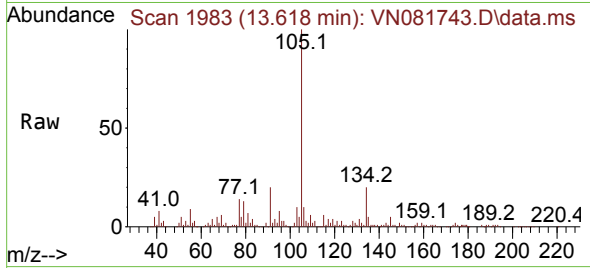




#85
sec-Butylbenzene
Concen: 19.131 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

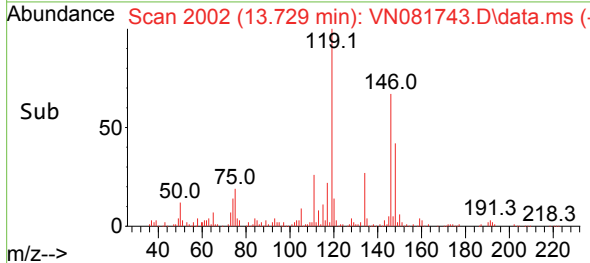
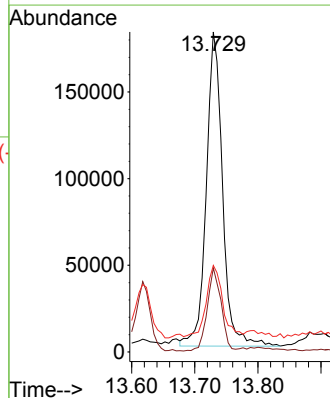
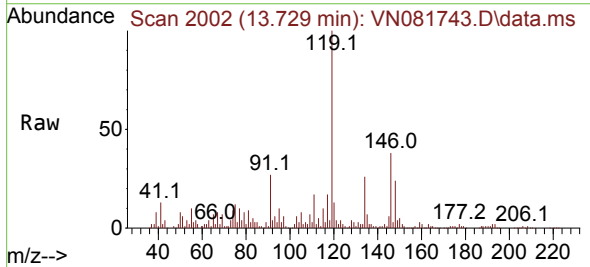
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

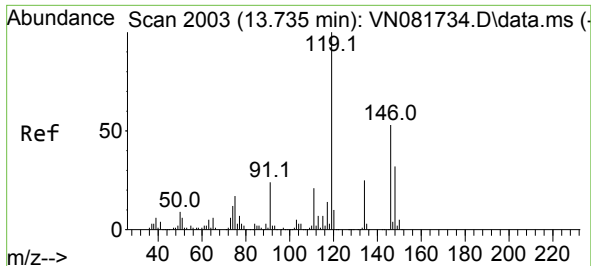
Tgt Ion:105 Resp: 317881
Ion Ratio Lower Upper
105 100
134 20.4 10.2 30.4



#86
p-Isopropyltoluene
Concen: 23.765 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:119 Resp: 323663
Ion Ratio Lower Upper
119 100
134 22.5 13.2 39.5
91 22.7 11.8 35.3

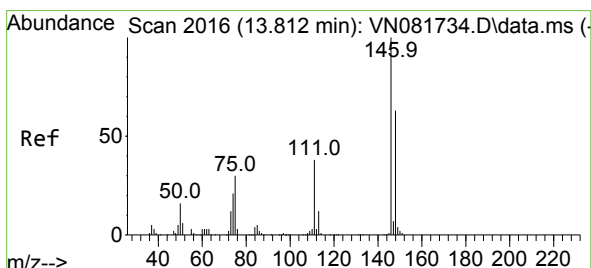
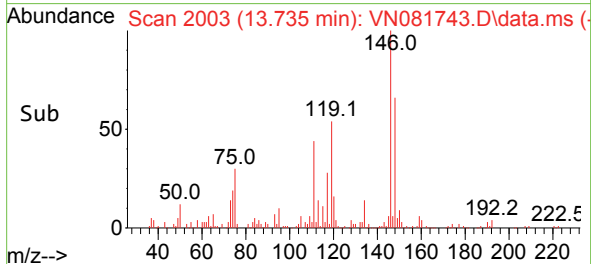
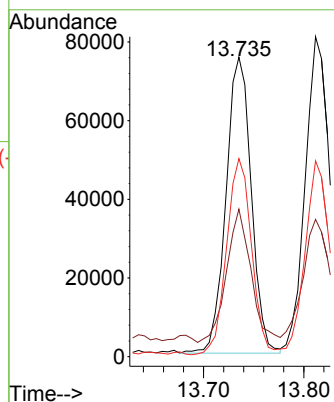
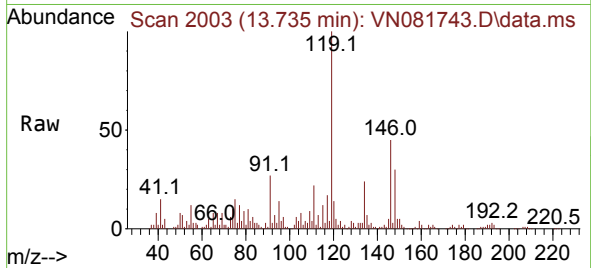




#87
1,3-Dichlorobenzene
Concen: 16.574 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

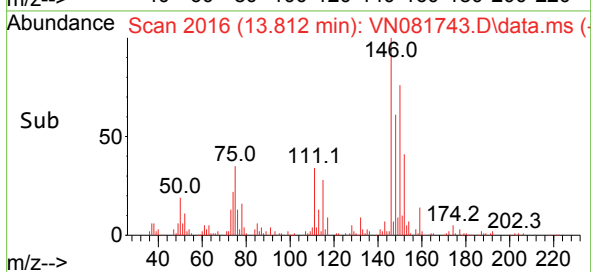
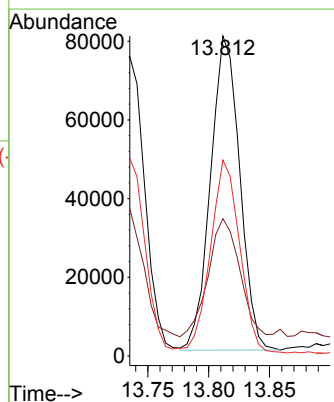
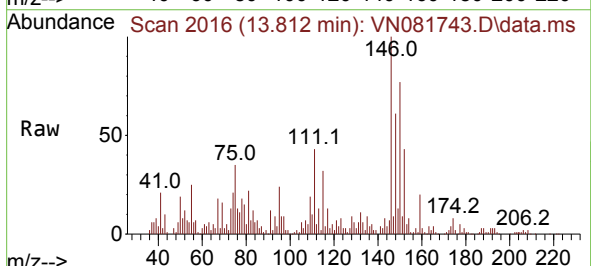
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

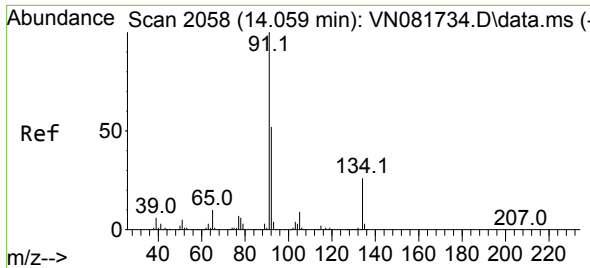
Tgt Ion:146 Resp: 131441
Ion Ratio Lower Upper
146 100
111 43.7 20.8 62.5
148 65.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 16.494 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:146 Resp: 133384
Ion Ratio Lower Upper
146 100
111 40.3 19.3 57.9
148 62.1 31.3 93.9

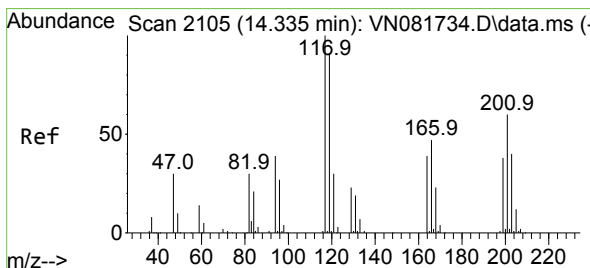
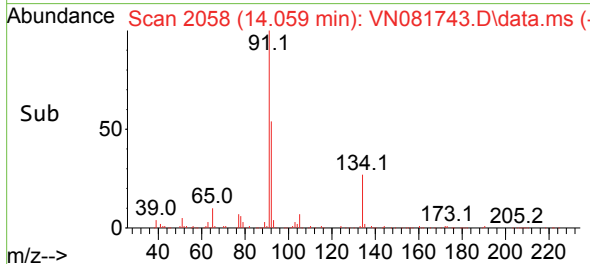
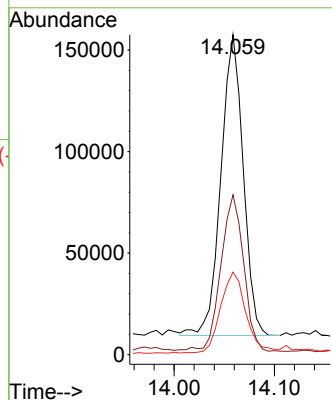
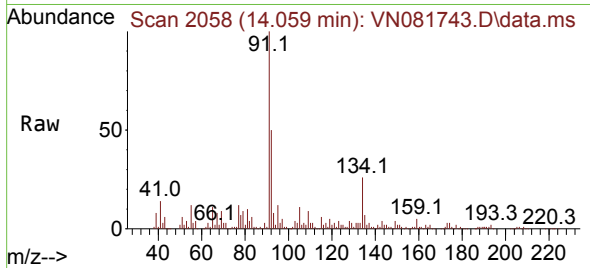




#89
n-Butylbenzene
Concen: 19.195 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

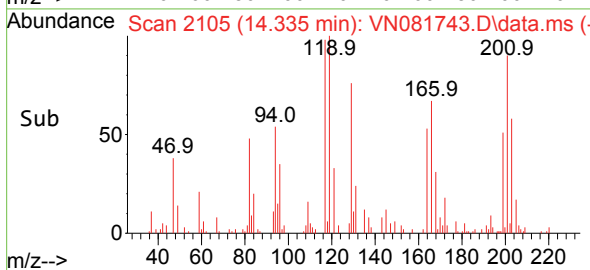
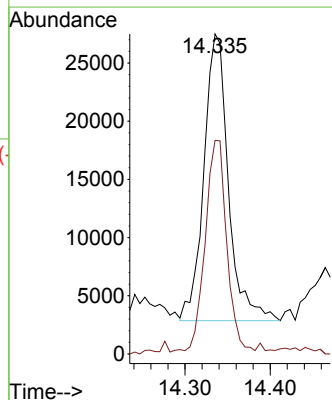
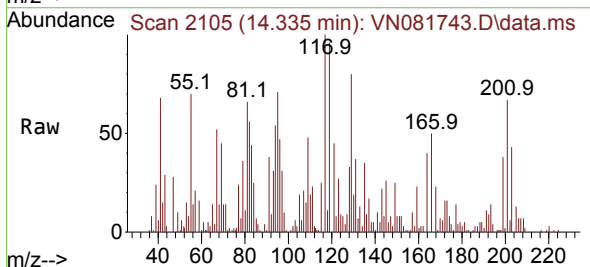
Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

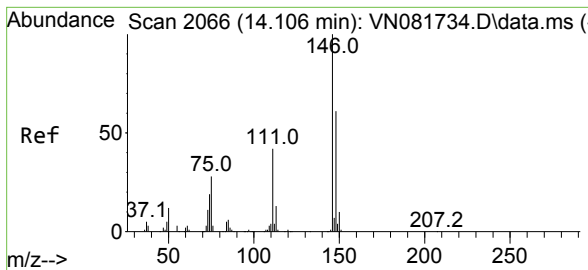
Tgt Ion: 91 Resp: 228568
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.5
134 29.9 13.2 39.5



#90
Hexachloroethane
Concen: 16.993 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion: 117 Resp: 49266
Ion Ratio Lower Upper
117 100
201 64.3 33.3 99.8

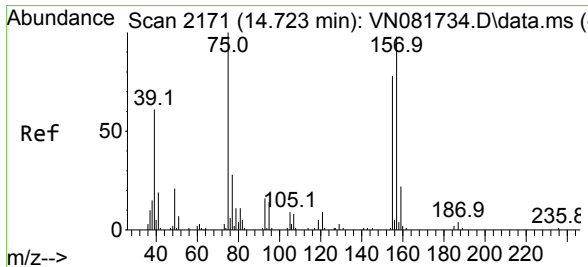
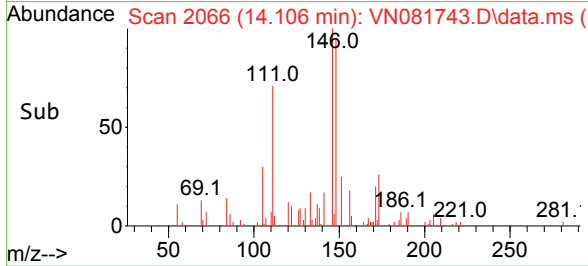
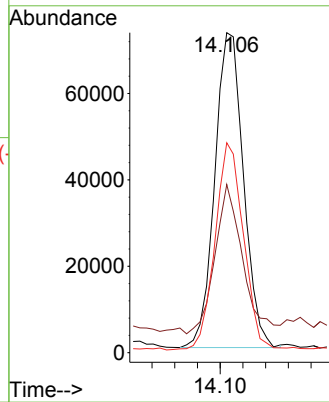
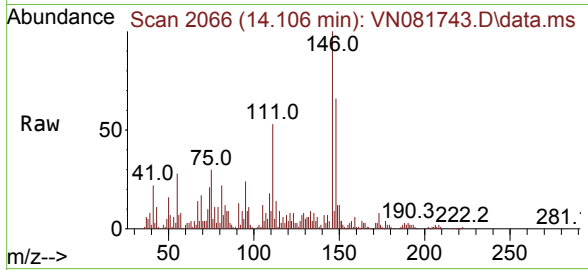




#91
 1,2-Dichlorobenzene
 Concen: 16.666 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

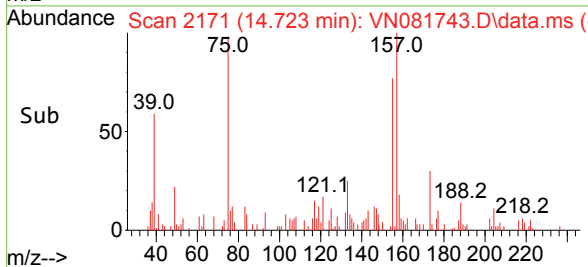
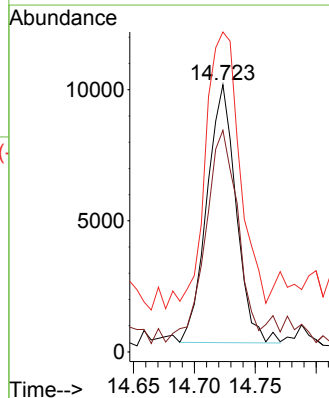
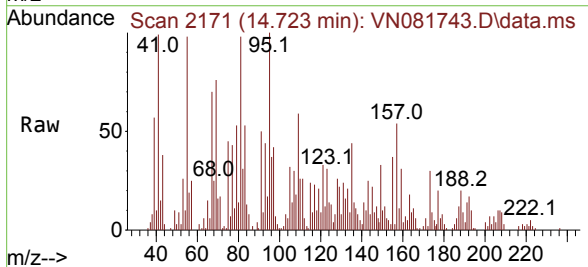
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

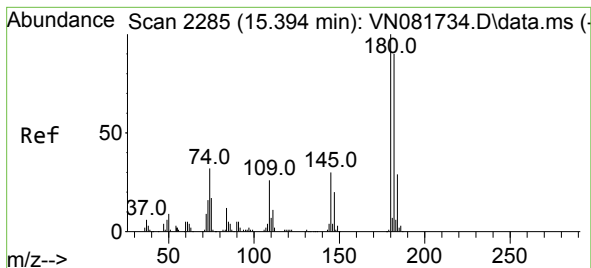
Tgt Ion:	146	Resp:	127921
Ion	Ratio	Lower	Upper
146	100		
111	45.9	21.3	64.0
148	65.0	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.618 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081743.D
 Acq: 15 Apr 2024 17:33

Tgt Ion:	75	Resp:	16406
Ion	Ratio	Lower	Upper
75	100		
155	92.0	42.6	128.0
157	126.7	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 19.364 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN0415MBS01

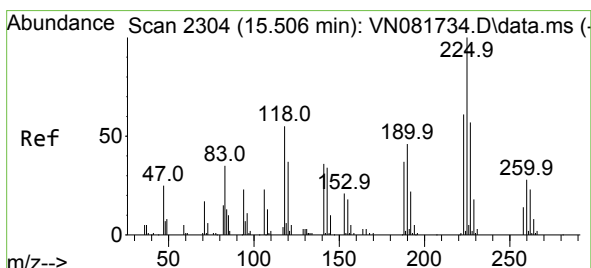
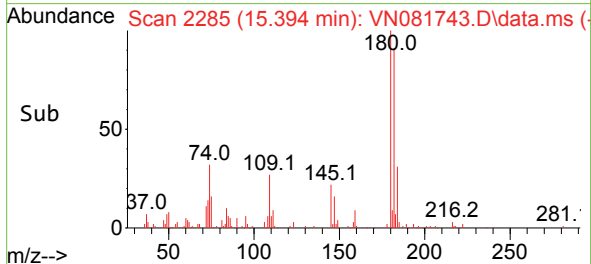
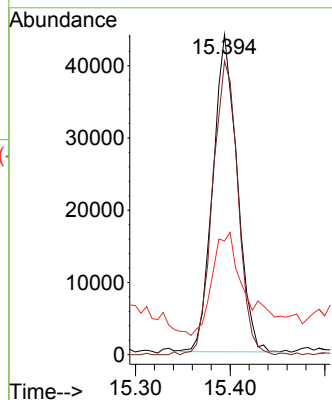
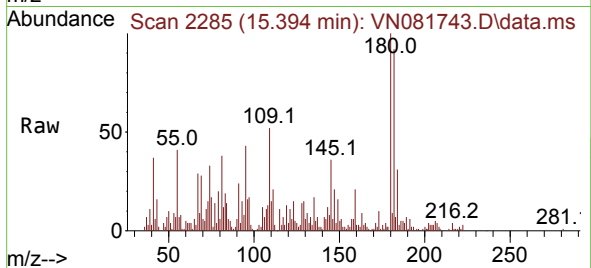
Tgt Ion:180 Resp: 78294

Ion Ratio Lower Upper

180 100

182 96.5 46.7 140.0

145 46.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 16.914 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081743.D

Acq: 15 Apr 2024 17:33

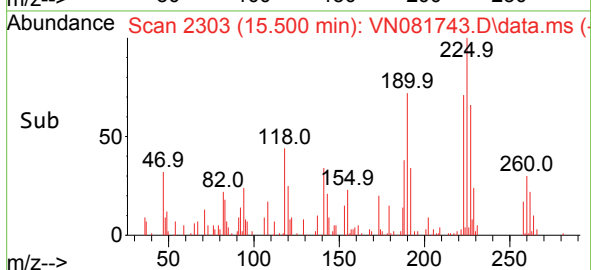
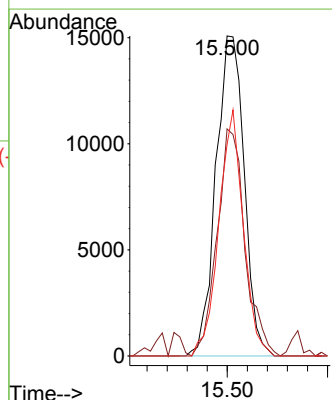
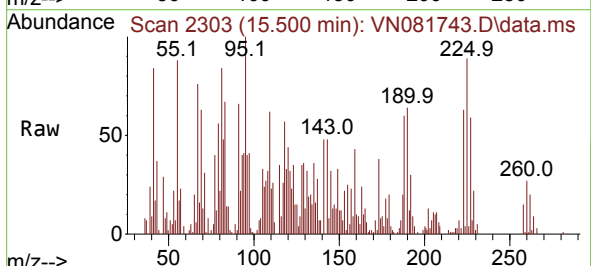
Tgt Ion:225 Resp: 29481

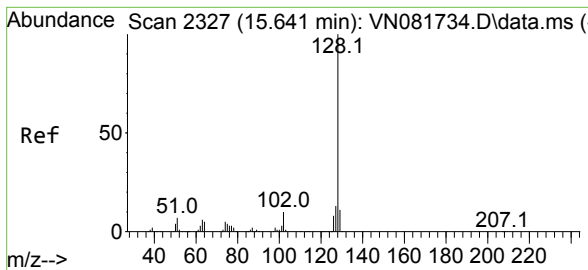
Ion Ratio Lower Upper

225 100

223 70.1 31.1 93.2

227 66.7 30.6 91.6

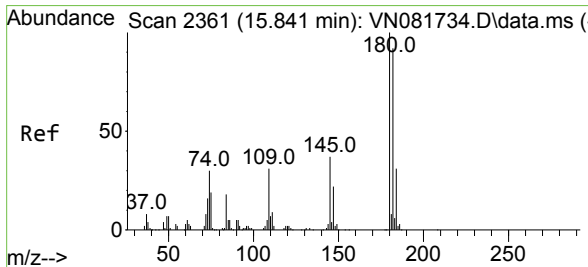
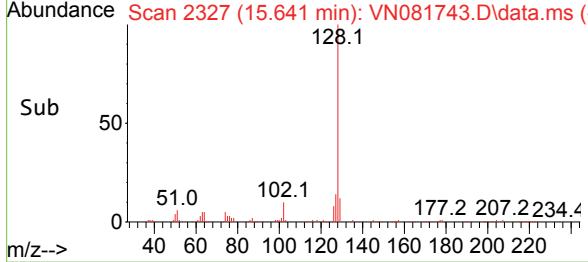
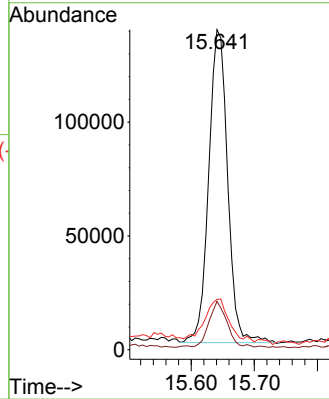
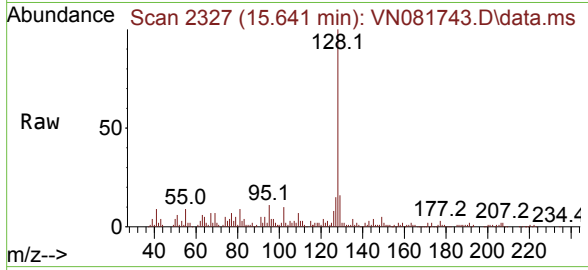




#95
Naphthalene
Concen: 22.184 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN0415MBS01

Tgt Ion:128 Resp: 286575
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 17.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 19.117 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081743.D
Acq: 15 Apr 2024 17:33

Tgt Ion:180 Resp: 79030
Ion Ratio Lower Upper
180 100
182 97.0 46.0 137.8
145 36.4 17.1 51.3

