

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083690.D
 Acq On : 06 Sep 2024 11:58
 Operator : JC\MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 23:30:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:27:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31398	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	189169	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	174274	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	87679	30.550	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.833%
60) 4-Bromofluorobenzene	12.847	95	93633	31.174	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.900%
63) Toluene-d8	10.565	98	239716	29.706	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.033%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	336635	160.101	ug/l	98
3) Chloromethane	2.359	50	338607	154.991	ug/l	100
4) Vinyl Chloride	2.518	62	348412	155.131	ug/l	97
5) Bromomethane	2.906	94	196019	156.214	ug/l	96
6) Chloroethane	3.065	64	232703	154.727	ug/l	96
7) Trichlorofluoromethane	3.471	101	587924	156.143	ug/l	95
8) Diethyl Ether	3.953	74	205807	160.859	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.359	101	326971	161.663	ug/l	95
10) 1,1-Dichloroethene	4.324	96	307599	157.627	ug/l	82
11) Methyl Iodide	4.577	142	428686	161.727	ug/l	98
12) Methyl Acetate	5.018	43	351533	149.371	ug/l #	82
13) Acrolein	4.171	56	269495	784.641	ug/l	99
14) Acrylonitrile	5.718	53	751763	789.335	ug/l	98
15) Acetone	4.424	58	303036	959.183	ug/l #	67
16) Carbon Disulfide	4.694	76	863088	156.497	ug/l	97
17) Allyl chloride	5.012	41	553844	161.667	ug/l	85
18) Methylene Chloride	5.271	84	334858	156.844	ug/l	90
19) trans-1,2-Dichloroethene	5.777	96	318991	157.718	ug/l	95
20) Diisopropyl ether	6.665	45	1131470	163.721	ug/l	95
21) 1,1-Dichloroethane	6.559	63	629653	159.578	ug/l	96
22) cis-1,2-Dichloroethene	7.483	96	392740	159.544	ug/l	92
23) tert-Butyl Alcohol	5.536	59	280415	802.352	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1118258	161.254	ug/l #	87
25) Chloroform	7.965	83	664688	158.958	ug/l	98
26) Cyclohexane	8.253	56	560255	161.214	ug/l #	89
29) 1,1-Dichloropropene	8.365	75	468837	156.254	ug/l	98
30) 2-Butanone	7.483	43	1183423	836.702	ug/l	96
31) 2,2-Dichloropropane	7.488	77	621435	162.450	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	626452	156.335	ug/l	98
33) Carbon Tetrachloride	8.359	117	544935	157.035	ug/l	97
34) Benzene	8.600	78	1409980	156.616	ug/l	98
35) Methacrylonitrile	7.777	41	243037	152.855	ug/l	93
36) 1,2-Dichloroethane	8.665	62	518126	153.088	ug/l #	94
37) Trichloroethene	9.353	130	328143	155.218	ug/l	96
38) Methylcyclohexane	9.600	83	587155	163.450	ug/l	96
39) 1,2-Dichloropropane	9.618	63	336152	155.142	ug/l	98
40) Dibromomethane	9.706	93	245139	154.730	ug/l	94
41) Bromodichloromethane	9.888	83	535642	158.993	ug/l	97
42) Vinyl Acetate	6.600	43	4441006	763.681	ug/l	97

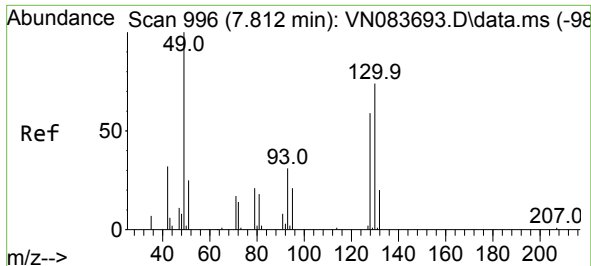
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	448321	157.479	ug/l	98
44) Isopropyl Acetate	8.688	43	784558	159.336	ug/l	91
45) 1,4-Dioxane	9.700	88	116100	3023.055	ug/l #	1
46) Methyl methacrylate	9.677	41	384453	161.311	ug/l	81
47) n-amyl Acetate	12.494	43	725440	166.323	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	564506	159.299	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	591965	160.623	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	315295	156.400	ug/l	97
51) Ethyl methacrylate	10.871	69	555946	161.418	ug/l	78
52) 1,3-Dichloropropane	11.159	76	552853	151.858	ug/l	99
53) Dibromochloromethane	11.359	129	391451	161.889	ug/l	98
54) 1,2-Dibromoethane	11.471	107	333191	159.763	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1086274	791.404	ug/l	98
56) Bromoform	12.576	173	250373	162.983	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	2122727	768.178	ug/l #	89
59) 2-Hexanone	11.194	43	1679722	804.463	ug/l	89
61) Tetrachloroethene	11.100	164	281775	152.775	ug/l	95
62) Toluene	10.629	91	1535761	153.315	ug/l	100
64) Chlorobenzene	11.888	112	929353	149.851	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	333589	154.406	ug/l	98
66) Ethyl Benzene	11.965	91	1780342	156.289	ug/l	99
67) m/p-Xylenes	12.070	106	1319129	314.757	ug/l	98
68) o-Xylene	12.394	106	636232	156.858	ug/l	99
69) Styrene	12.412	104	1074725	156.815	ug/l	99
70) Isopropylbenzene	12.694	105	1683033	157.234	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	445602	152.420	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	620711	242.631	ug/l	67
73) Bromobenzene	12.982	156	366279	148.978	ug/l	94
74) n-propylbenzene	13.035	91	1974229	157.557	ug/l	100
75) 2-Chlorotoluene	13.123	91	1187471	151.841	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	1385400	154.944	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	179987	166.125	ug/l	89
78) 4-Chlorotoluene	13.223	91	1207880	152.299	ug/l	99
79) tert-butylbenzene	13.435	119	1209753	154.725	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	1405691	155.573	ug/l	100
81) sec-Butylbenzene	13.617	105	1686510	157.897	ug/l	100
82) p-Isopropyltoluene	13.729	119	1440587	160.303	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	705097	149.009	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	710765	150.244	ug/l	100
85) n-Butylbenzene	14.053	91	1299816	163.904	ug/l	98
86) Hexachloroethane	14.335	117	272497	160.011	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	703368	153.162	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	100140	155.862	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	385824	153.353	ug/l	98
90) Hexachlorobutadiene	15.500	225	161655	155.236	ug/l	99
91) Naphthalene	15.641	128	1279331	155.538	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	385824	153.353	ug/l	98

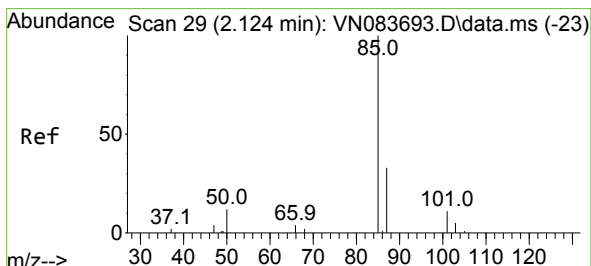
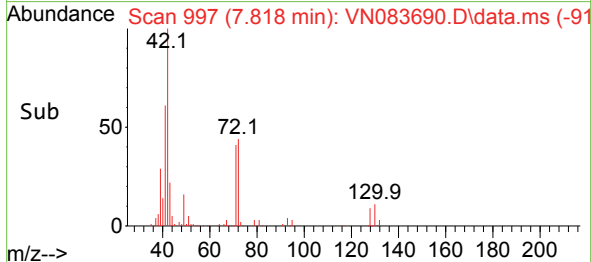
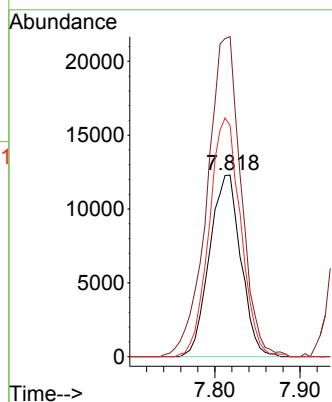
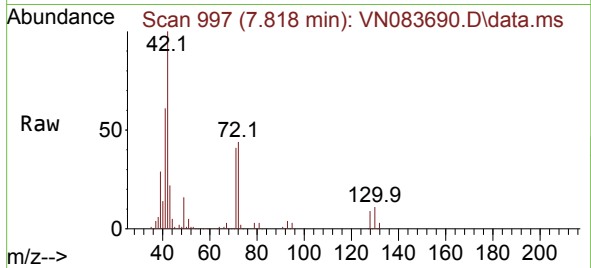
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

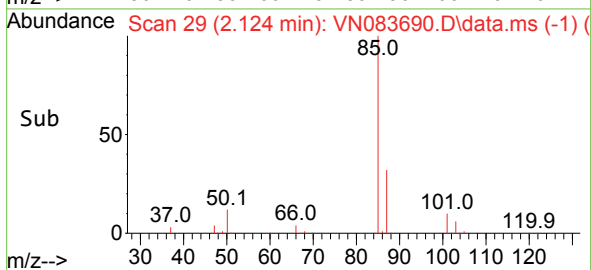
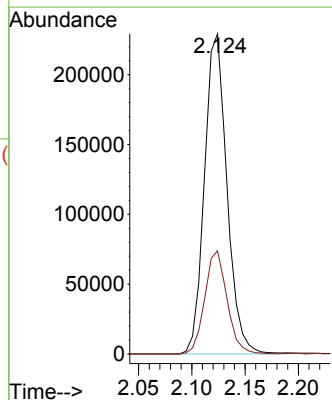
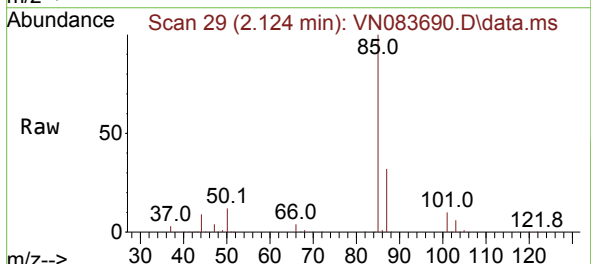
Instrument :
MSVOA_N
ClientSampleId :

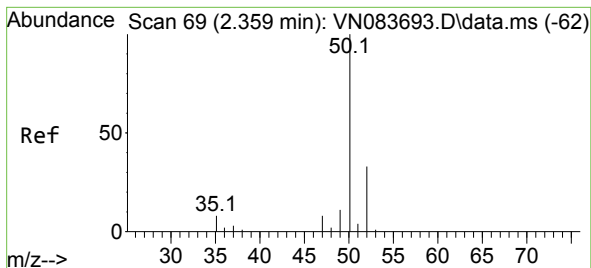
Tgt Ion:128 Resp: 31398
Ion Ratio Lower Upper
128 100
49 190.9 0.0 403.7
130 132.7 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 160.101 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 85 Resp: 336635
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.3





#3

Chloromethane

Concen: 154.991 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

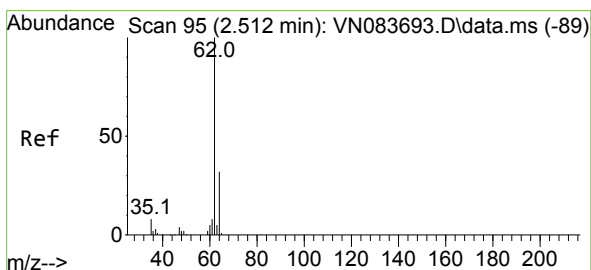
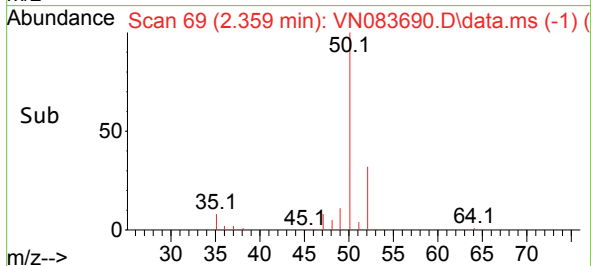
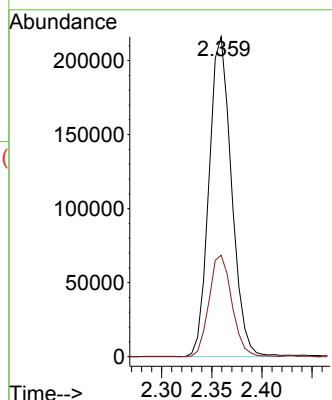
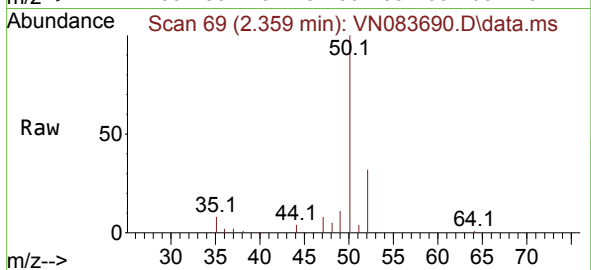
ClientSampleId :

Tgt Ion: 50 Resp: 338607

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.0



#4

Vinyl Chloride

Concen: 155.131 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083690.D

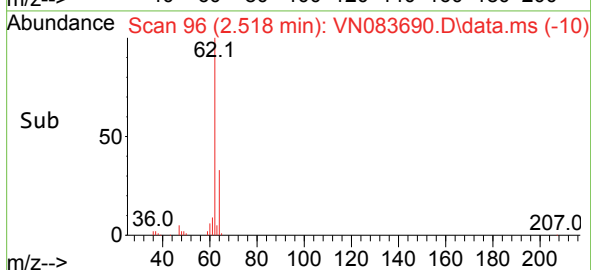
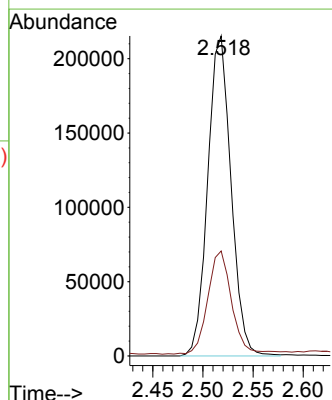
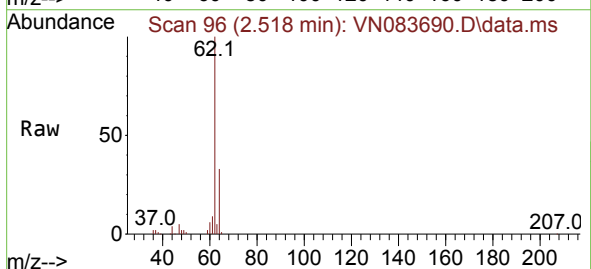
Acq: 06 Sep 2024 11:58

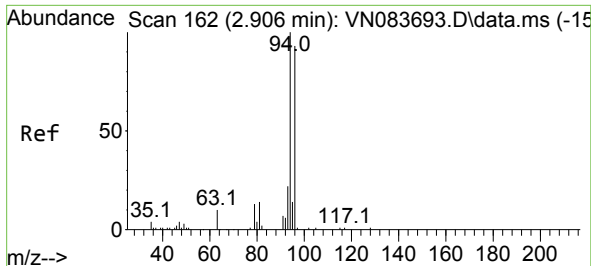
Tgt Ion: 62 Resp: 348412

Ion Ratio Lower Upper

62 100

64 31.9 24.1 36.1

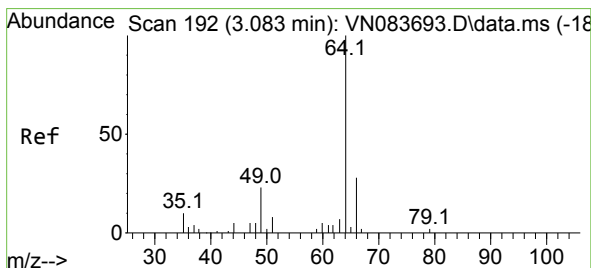
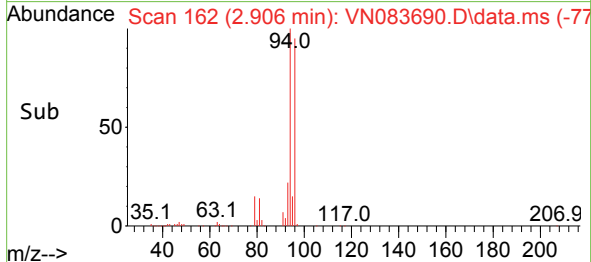
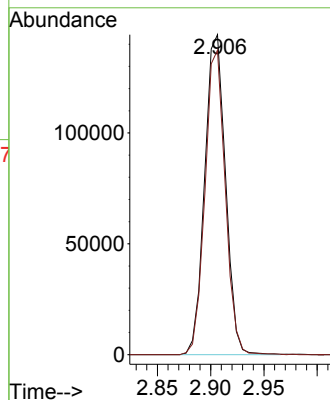
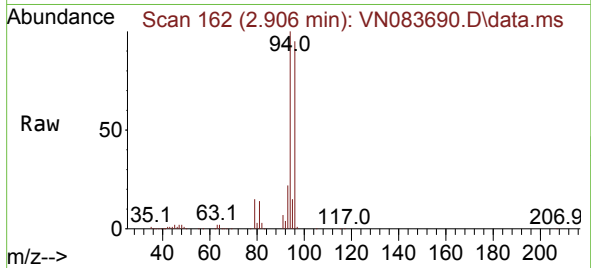




#5
Bromomethane
Concen: 156.214 ug/l
RT: 2.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

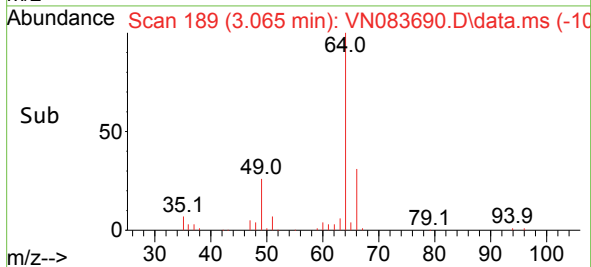
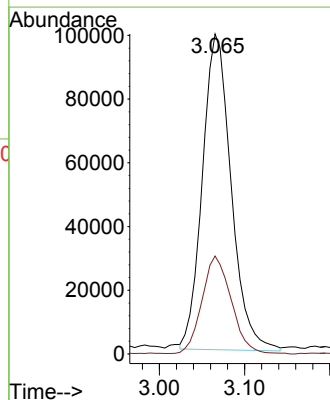
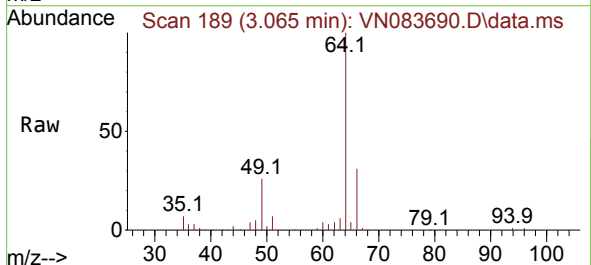
Instrument :
MSVOA_N
ClientSampleId :

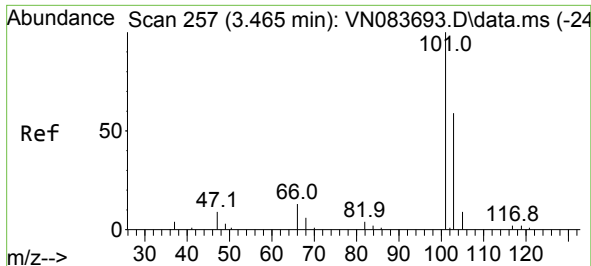
Tgt Ion: 94 Resp: 196019
Ion Ratio Lower Upper
94 100
96 95.2 72.8 109.2



#6
Chloroethane
Concen: 154.727 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.018 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 64 Resp: 232703
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1

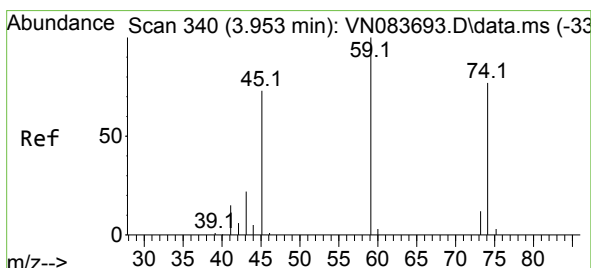
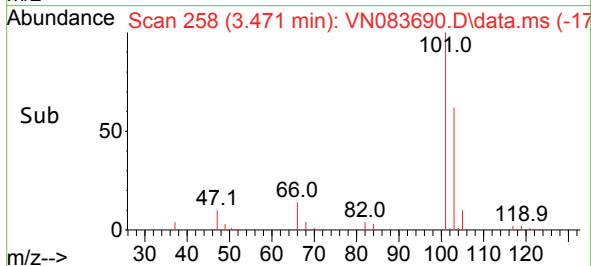
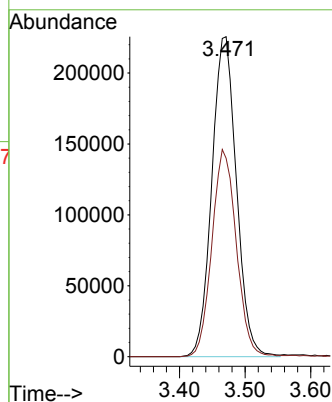
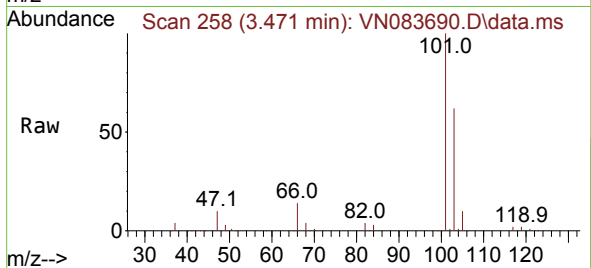




#7
Trichlorofluoromethane
Concen: 156.143 ug/l
RT: 3.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

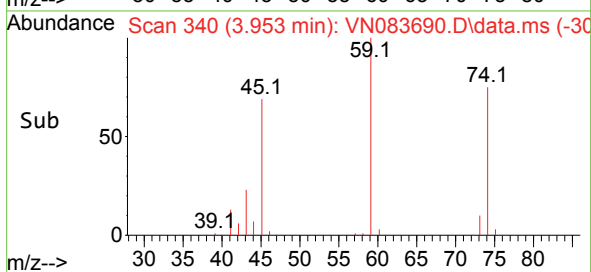
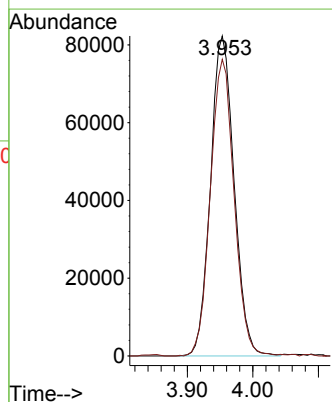
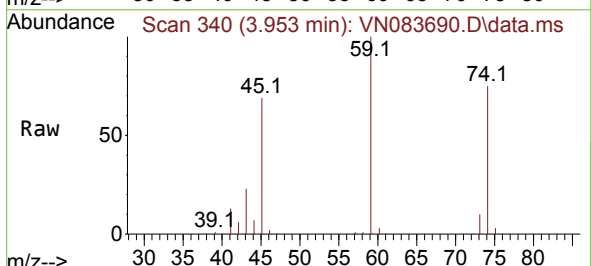
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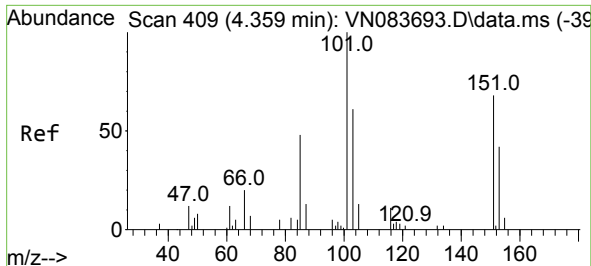
Tgt Ion:101 Resp: 587924
Ion Ratio Lower Upper
101 100
103 62.0 53.0 79.4



#8
Diethyl Ether
Concen: 160.859 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 74 Resp: 205807
Ion Ratio Lower Upper
74 100
45 93.1 16.4 147.4

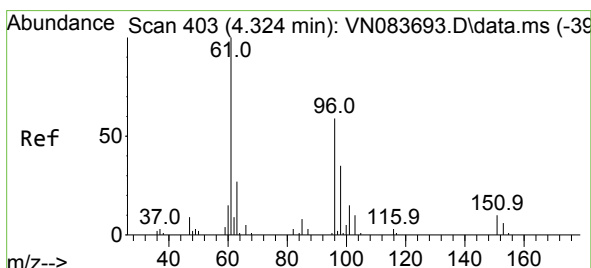
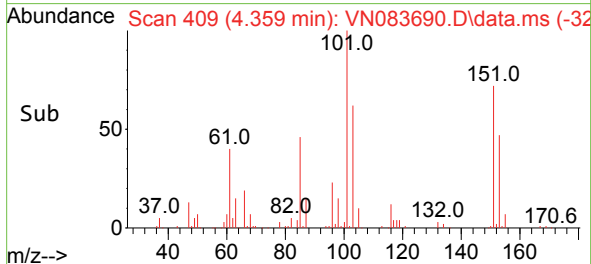
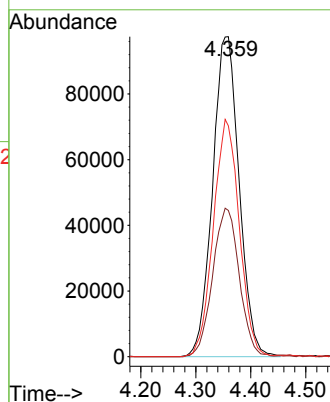
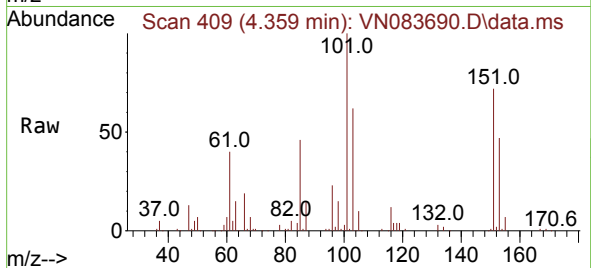




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 161.663 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

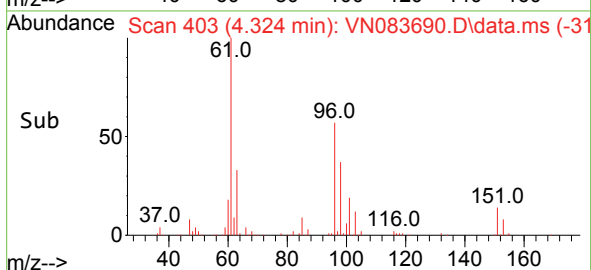
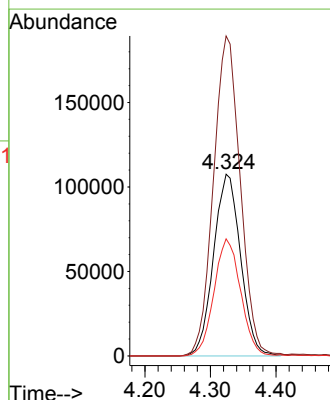
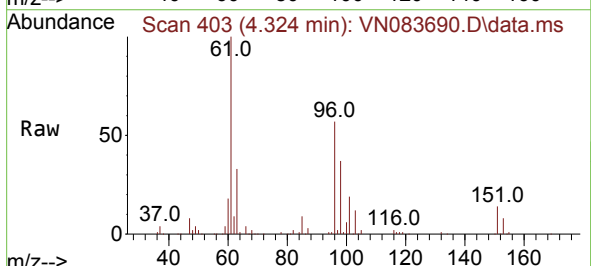
Instrument :
 MSVOA_N
 ClientSampleId :

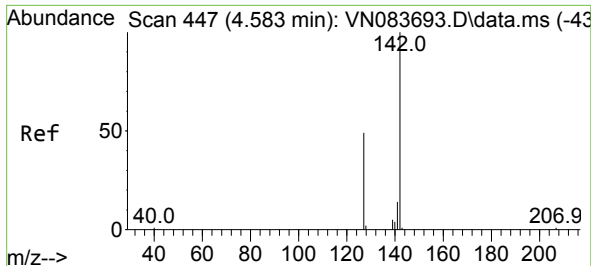
Tgt Ion:101 Resp: 326971
 Ion Ratio Lower Upper
 101 100
 85 46.3 0.0 90.6
 151 72.5 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 157.627 ug/l
 RT: 4.324 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

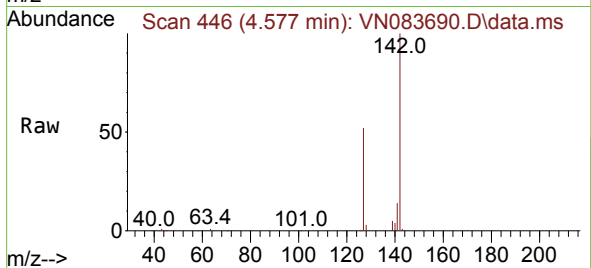
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 Ion Ratio Lower Upper
 96 100
 61 176.1 117.6 176.4
 98 64.5 48.4 72.6



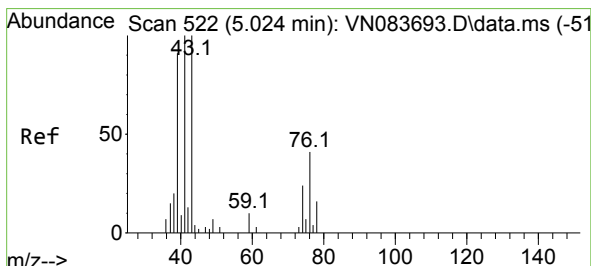
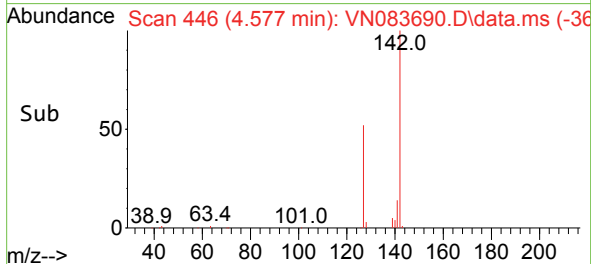
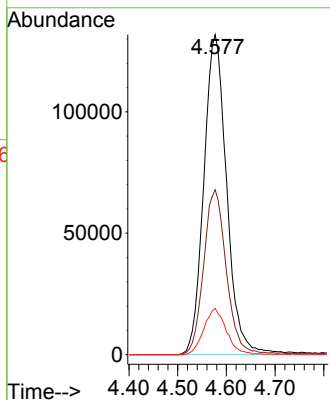


#11
Methyl Iodide
Concen: 161.727 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :

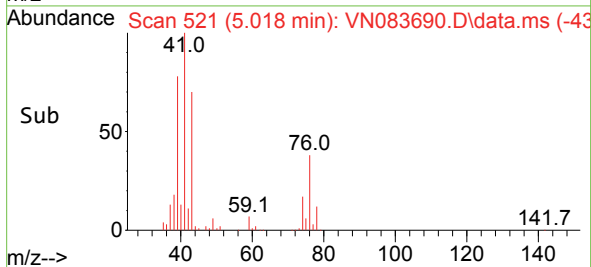
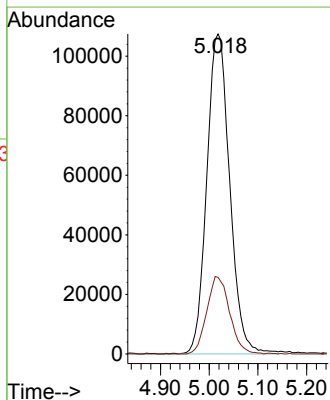
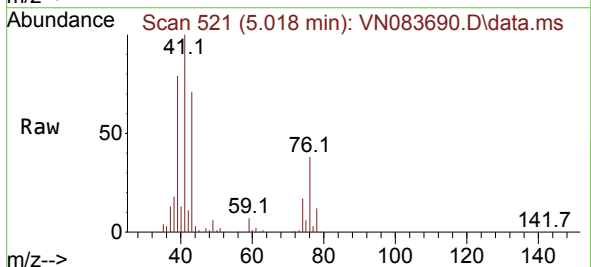


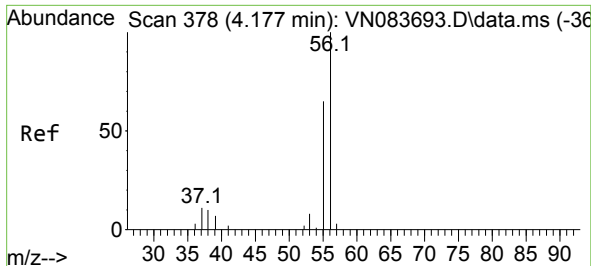
Tgt Ion:142 Resp: 428686
Ion Ratio Lower Upper
142 100
127 51.5 26.3 78.9
141 14.4 8.3 24.9



#12
Methyl Acetate
Concen: 149.371 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 43 Resp: 351533
Ion Ratio Lower Upper
43 100
74 24.0 27.7 41.5#

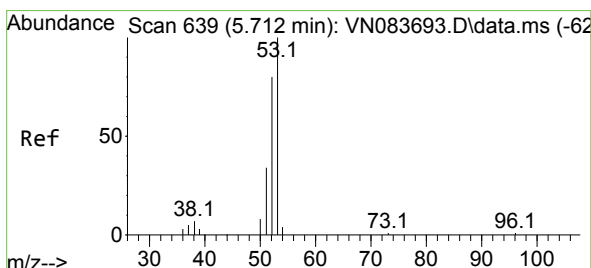
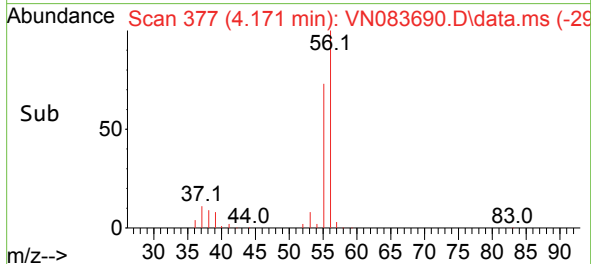
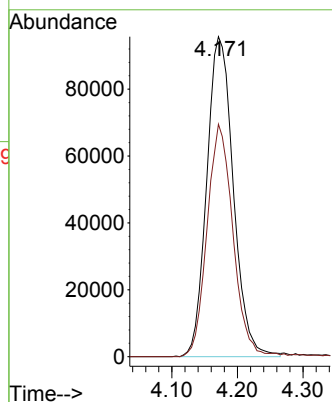
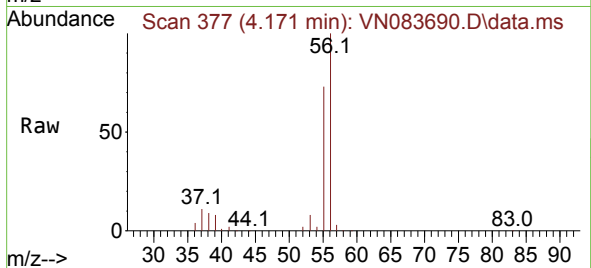




#13
Acrolein
Concen: 784.641 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

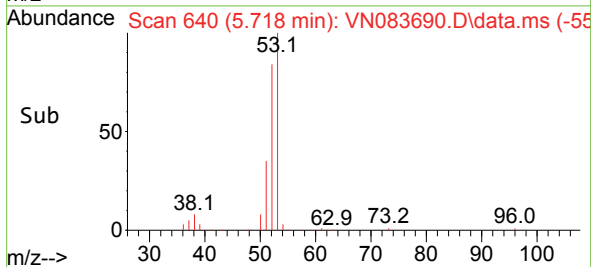
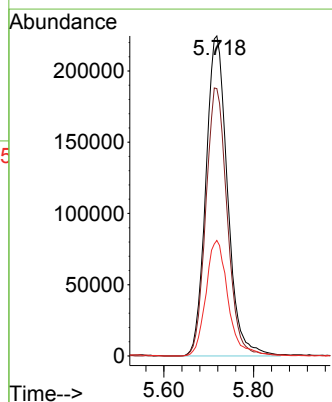
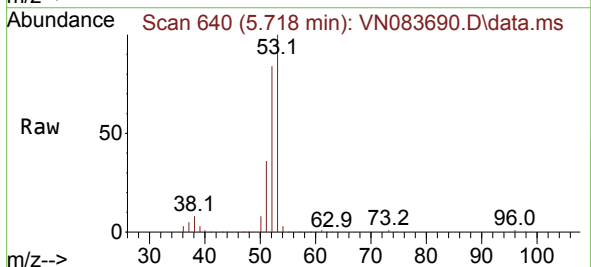
Instrument :
MSVOA_N
ClientSampleId :

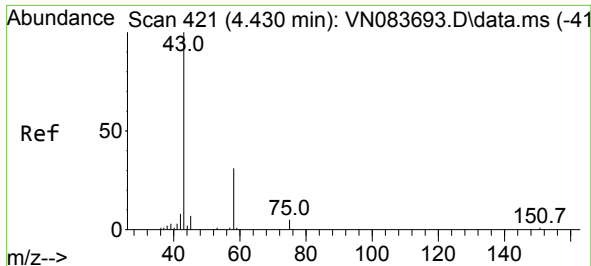
Tgt Ion: 56 Resp: 269495
Ion Ratio Lower Upper
56 100
55 70.2 55.5 83.3



#14
Acrylonitrile
Concen: 789.335 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 53 Resp: 751763
Ion Ratio Lower Upper
53 100
52 82.4 41.3 123.9
51 37.2 16.8 50.3

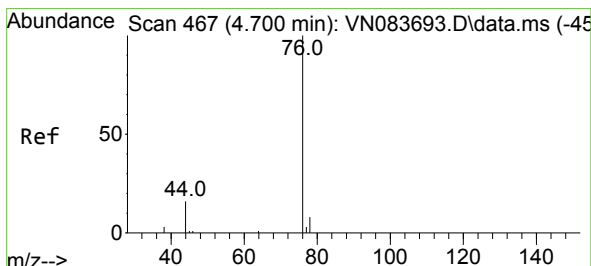
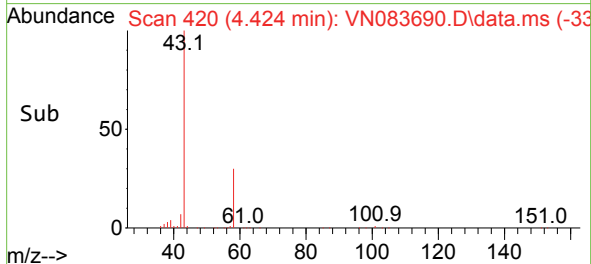
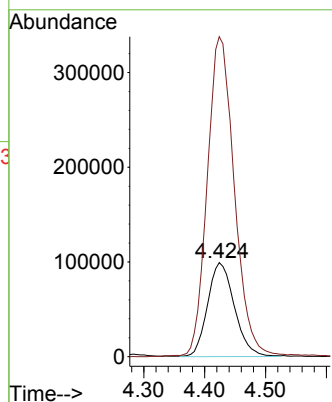
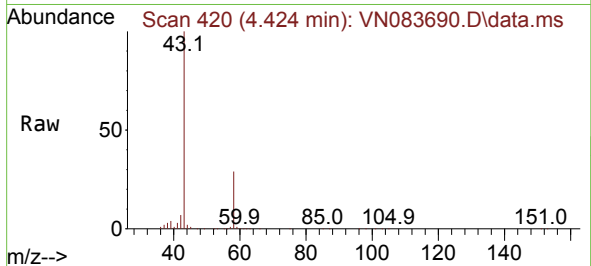




#15
Acetone
Concen: 959.183 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

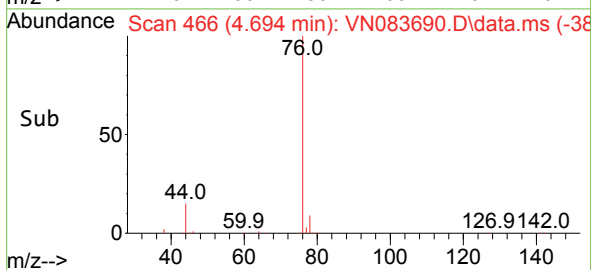
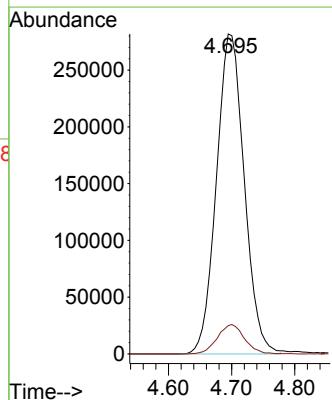
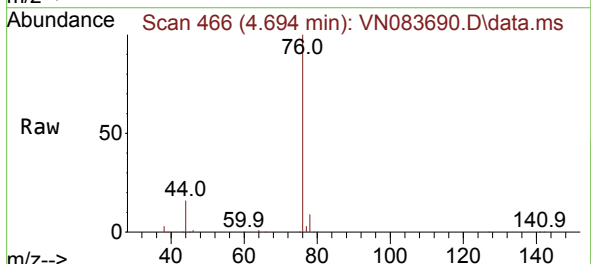
Instrument :
MSVOA_N
ClientSampleId :

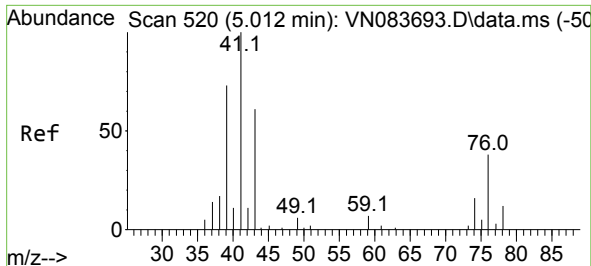
Tgt Ion: 58 Resp: 303036
Ion Ratio Lower Upper
58 100
43 340.2 223.1 334.7#



#16
Carbon Disulfide
Concen: 156.497 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 76 Resp: 863088
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

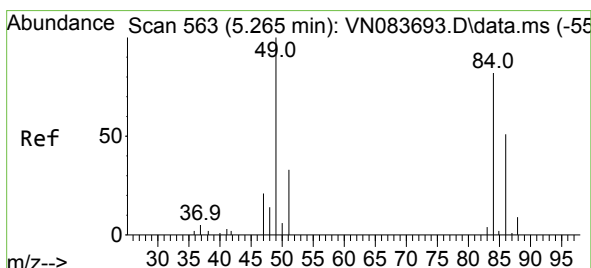
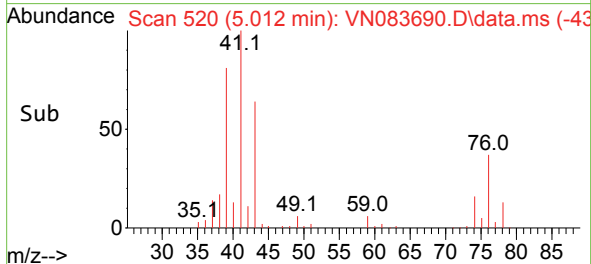
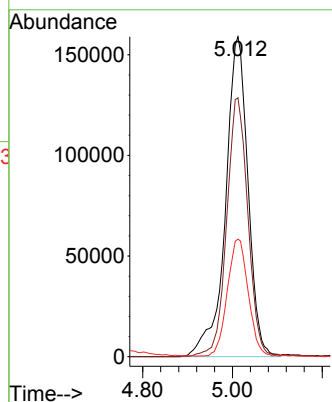
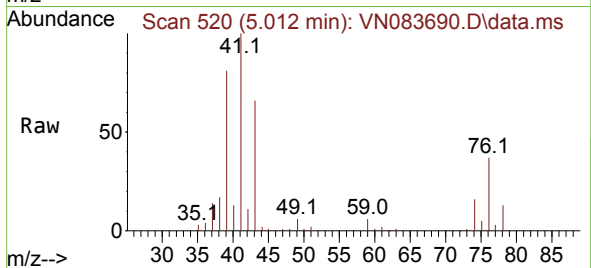




#17
Allyl chloride
Concen: 161.667 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

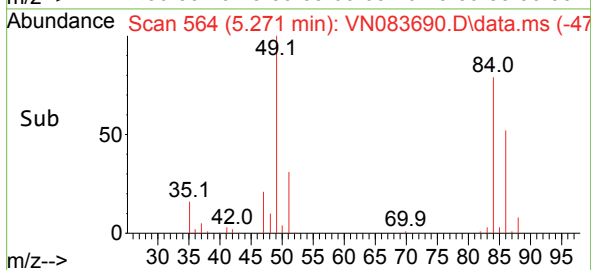
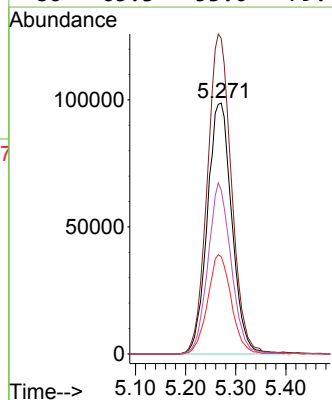
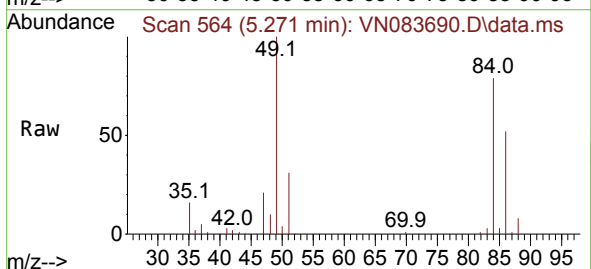
Instrument :
MSVOA_N
ClientSampleId :

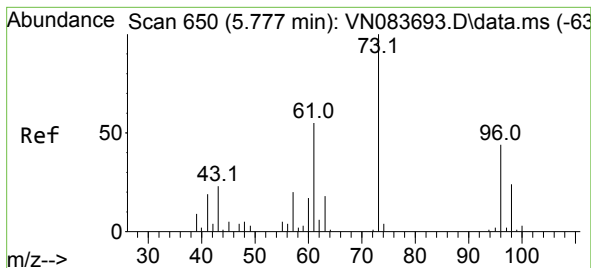
Tgt Ion: 41 Resp: 553844
Ion Ratio Lower Upper
41 100
39 80.9 37.6 112.9
76 36.5 27.8 83.4



#18
Methylene Chloride
Concen: 156.844 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 84 Resp: 334858
Ion Ratio Lower Upper
84 100
49 125.8 86.0 129.0
51 38.8 30.0 45.0
86 65.3 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 157.718 ug/l

RT: 5.777 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

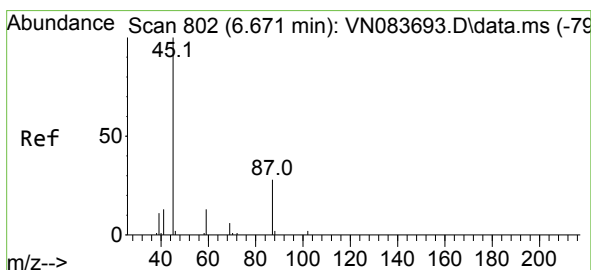
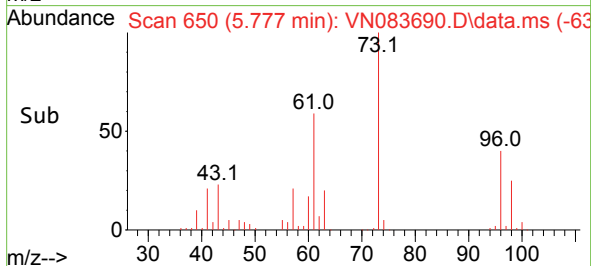
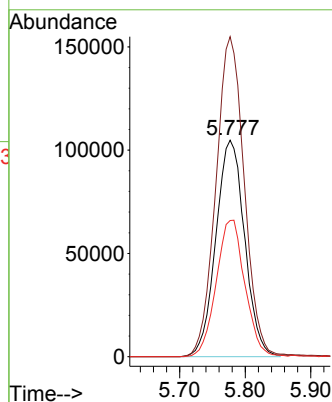
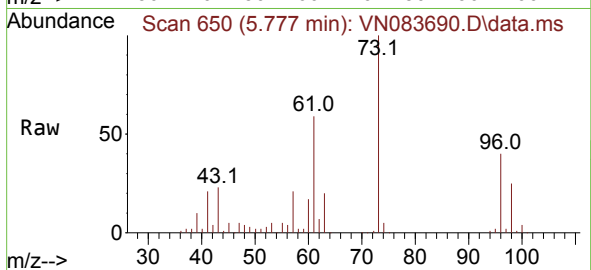
Tgt Ion: 96 Resp: 318991

Ion Ratio Lower Upper

96 100

61 147.8 111.8 167.6

98 62.9 49.2 73.8



#20

Diisopropyl ether

Concen: 163.721 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Tgt Ion: 45 Resp: 1131470

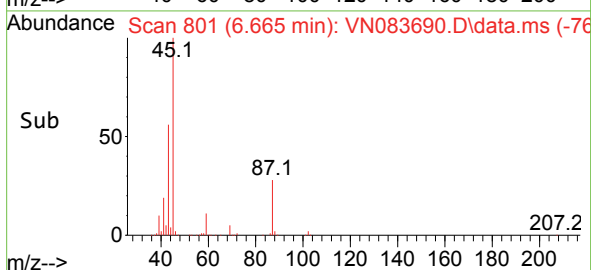
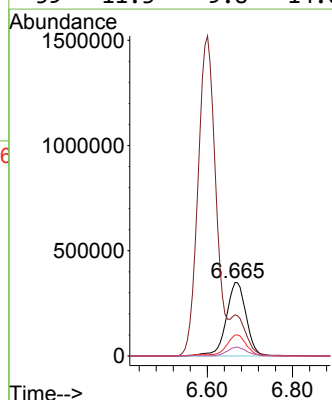
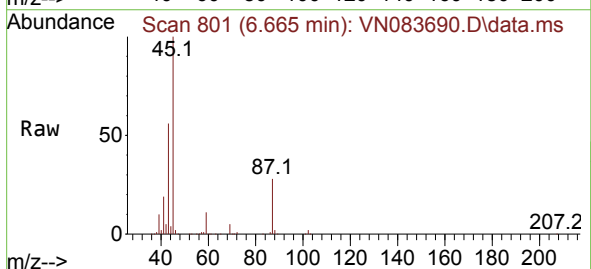
Ion Ratio Lower Upper

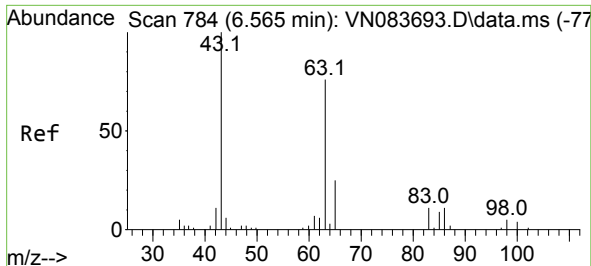
45 100

43 55.2 40.4 60.6

87 28.4 23.8 35.8

59 11.3 9.8 14.6

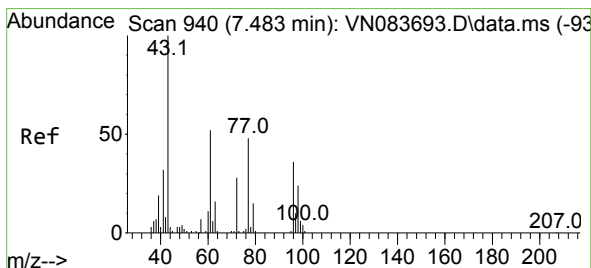
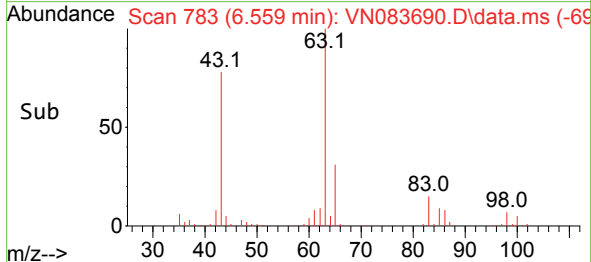
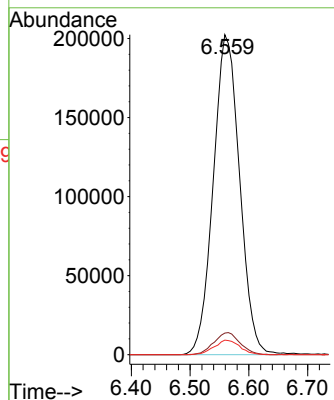
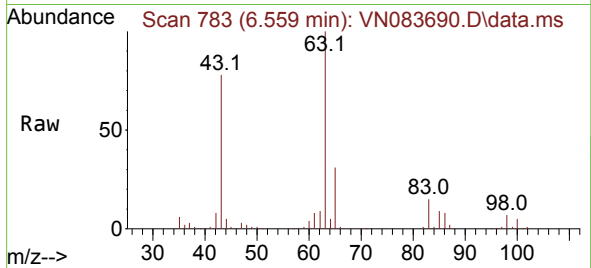




#21
1,1-Dichloroethane
Concen: 159.578 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

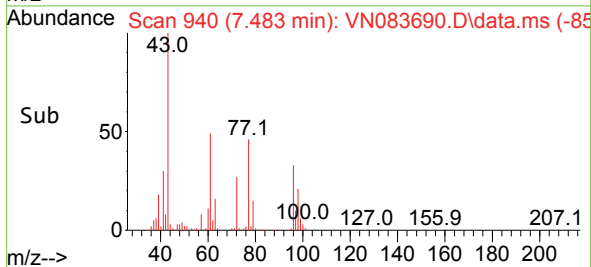
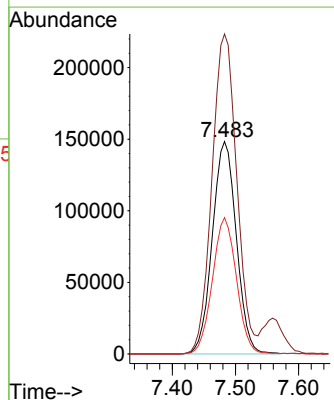
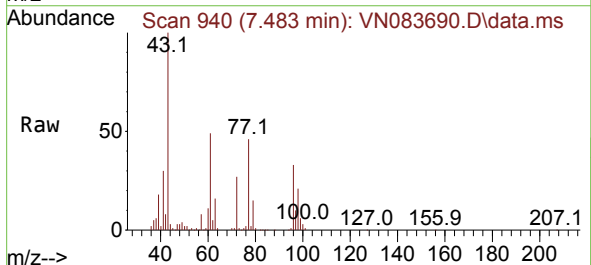
Instrument :
MSVOA_N
ClientSampleId :

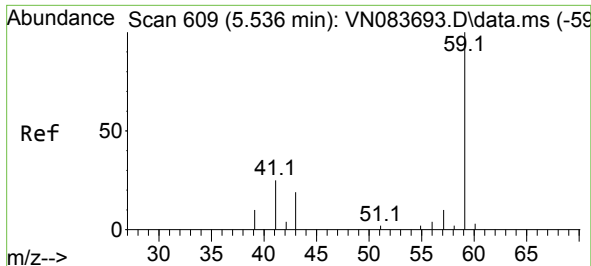
Tgt Ion: 63 Resp: 629653
Ion Ratio Lower Upper
63 100
98 6.8 4.1 12.3
100 4.5 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 159.544 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

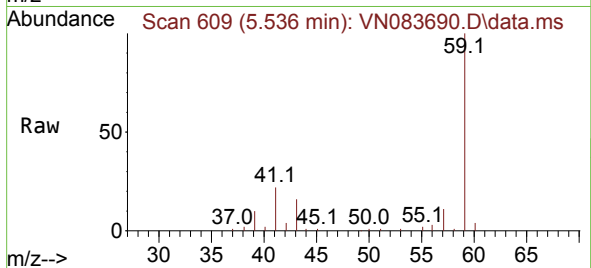
Tgt Ion: 96 Resp: 392740
Ion Ratio Lower Upper
96 100
61 155.6 113.5 170.3
98 64.1 52.0 78.0



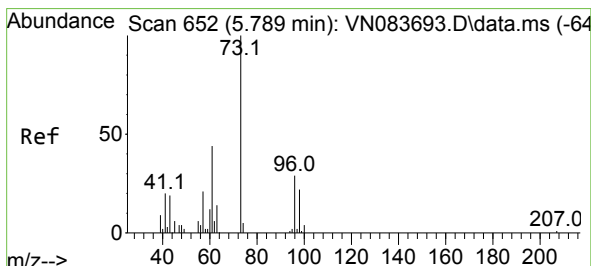
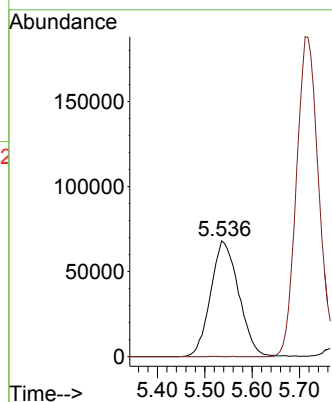
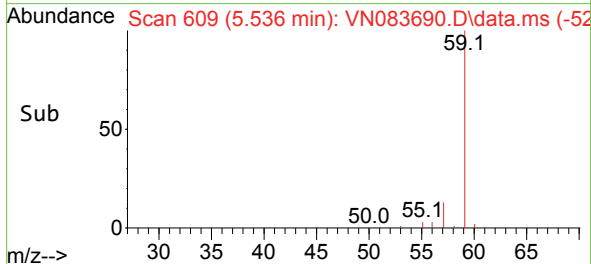


#23
tert-Butyl Alcohol
Concen: 802.352 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :

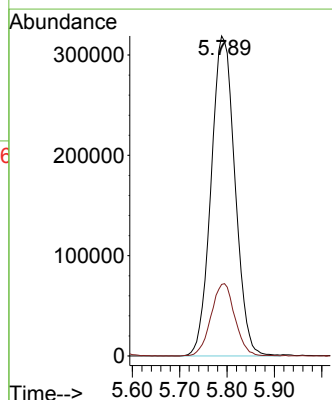
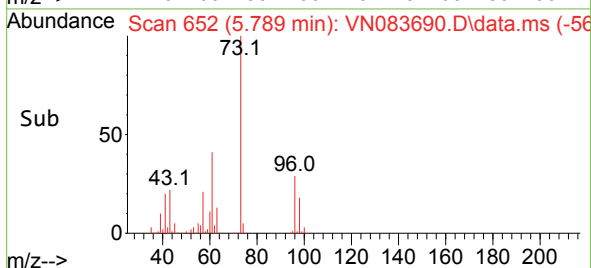
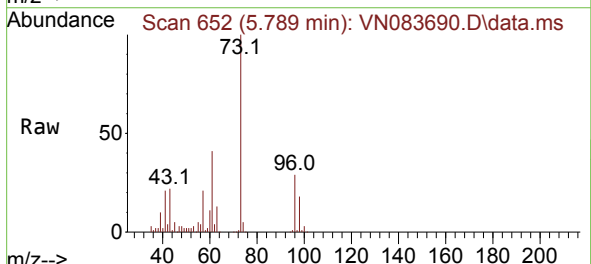


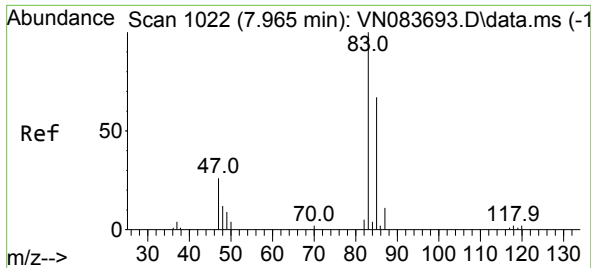
Tgt Ion: 59 Resp: 280415
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 161.254 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 73 Resp: 1118258
Ion Ratio Lower Upper
73 100
43 22.5 13.4 20.2#

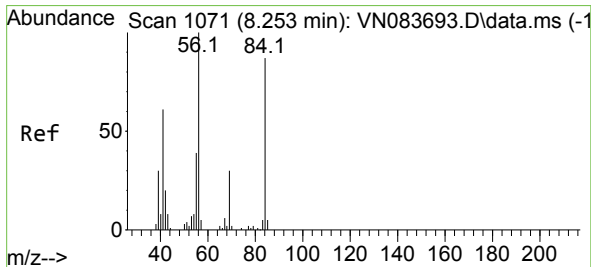
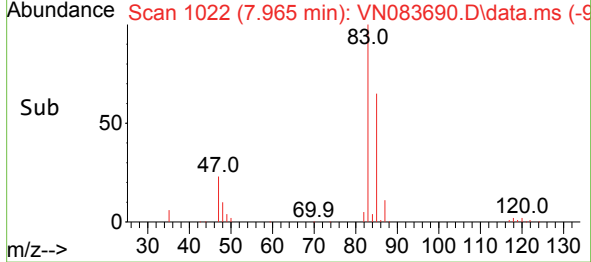
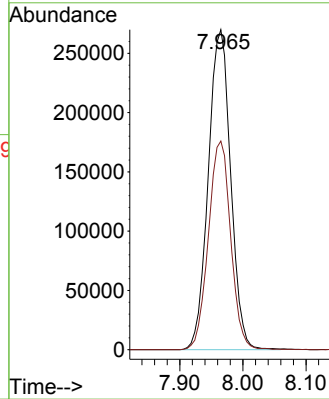
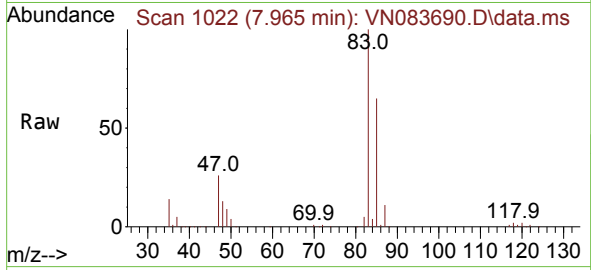




#25
Chloroform
Concen: 158.958 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

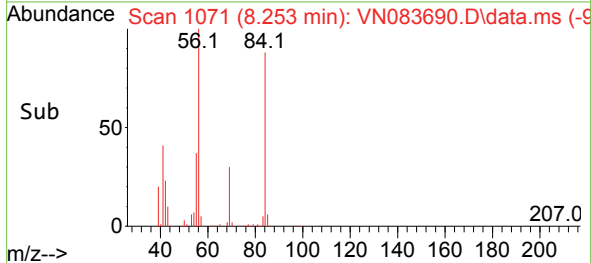
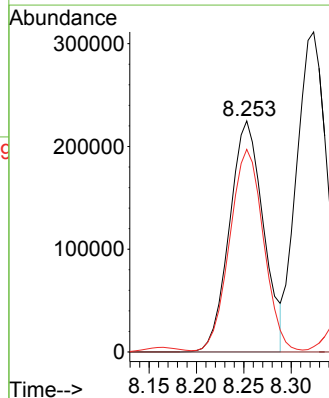
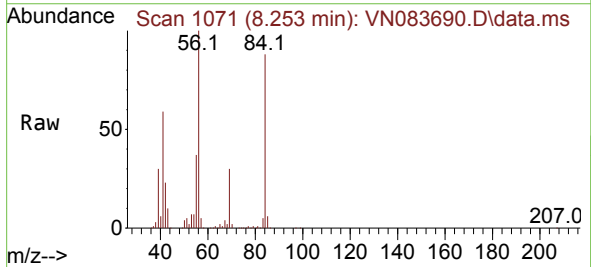
Instrument :
MSVOA_N
ClientSampleId :

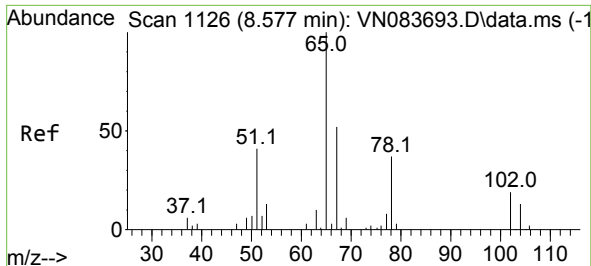
Tgt Ion: 83 Resp: 664688
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3



#26
Cyclohexane
Concen: 161.214 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 56 Resp: 560255
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 88.0 71.3 106.9

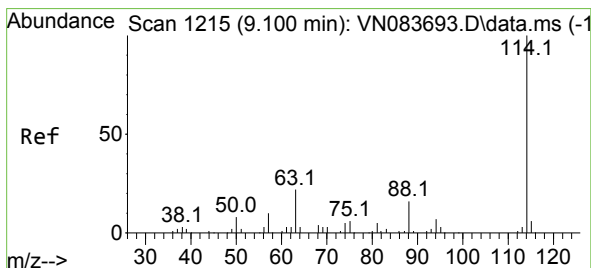
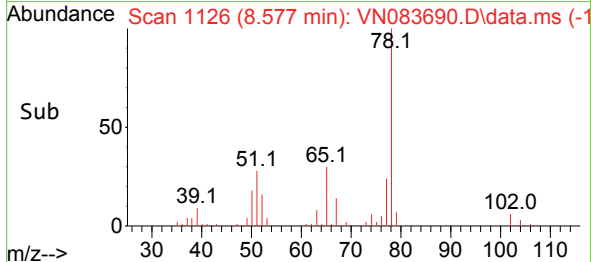
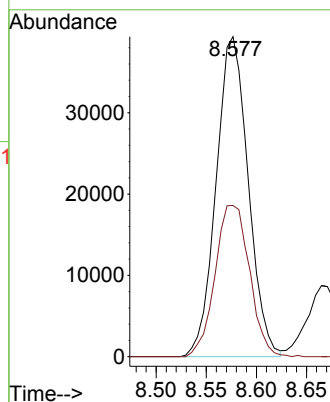
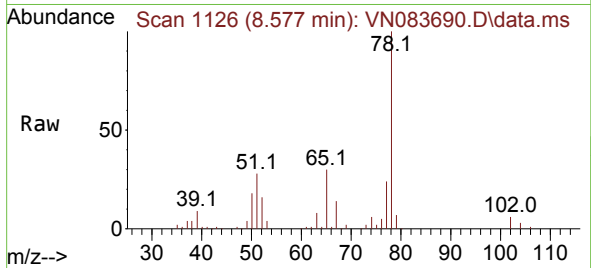




#27
1,2-Dichloroethane-d4
Concen: 30.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

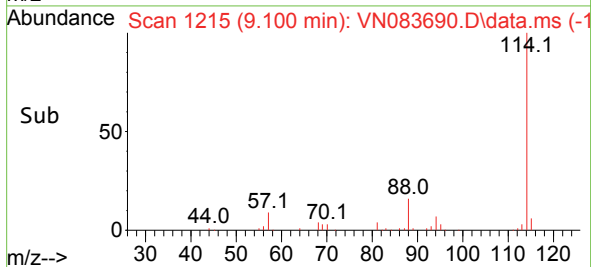
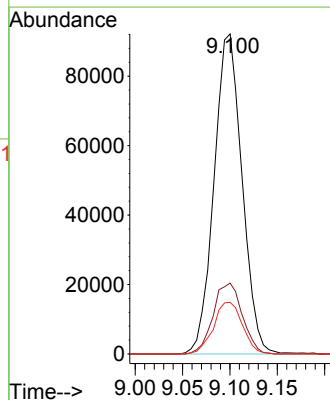
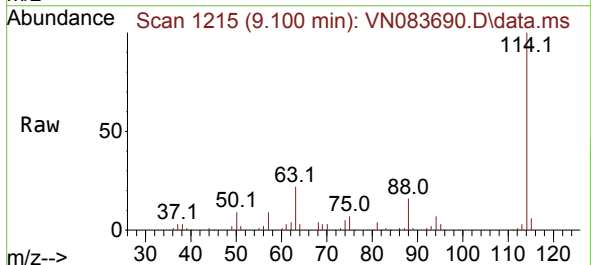
Instrument :
MSVOA_N
ClientSampleId :

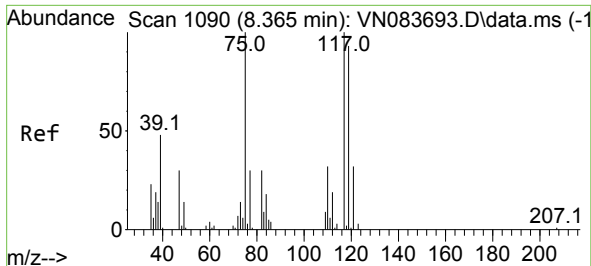
Tgt Ion: 65 Resp: 87679
Ion Ratio Lower Upper
65 100
67 50.7 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 114 Resp: 189169
Ion Ratio Lower Upper
114 100
63 23.1 15.9 23.9
88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 156.254 ug/l

RT: 8.365 min Scan# 1

Delta R.T. 0.000 min

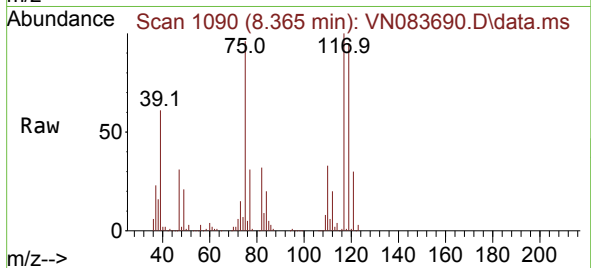
Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :



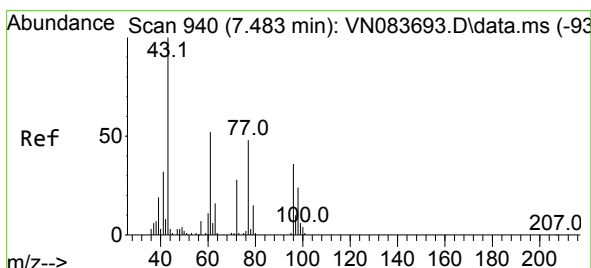
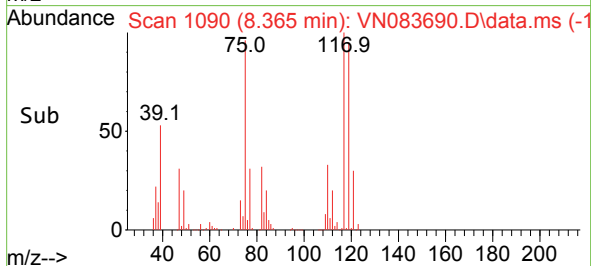
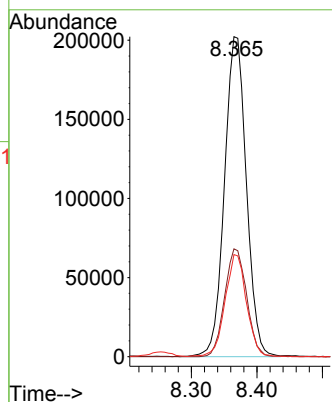
Tgt Ion: 75 Resp: 468837

Ion Ratio Lower Upper

75 100

110 33.7 0.0 70.2

77 31.2 0.0 61.4



#30

2-Butanone

Concen: 836.702 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

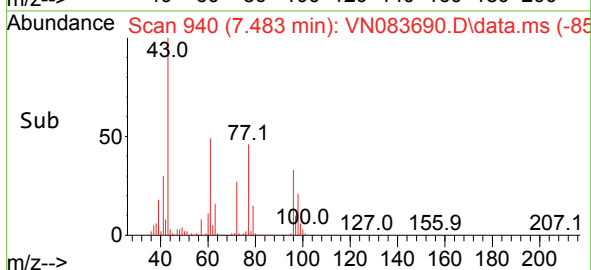
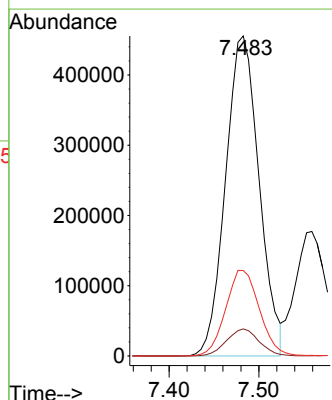
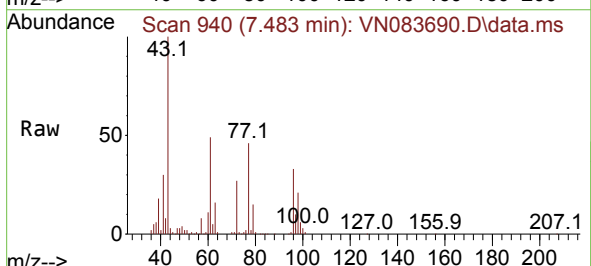
Tgt Ion: 43 Resp: 1183423

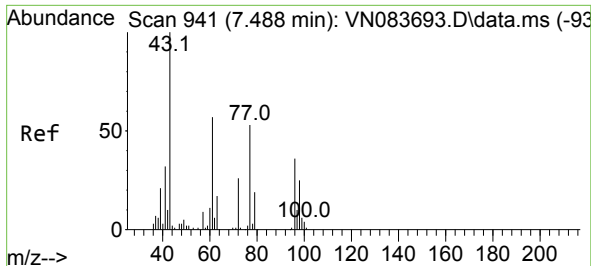
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 27.0 24.0 36.0

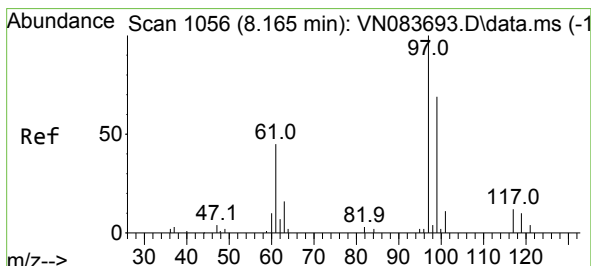
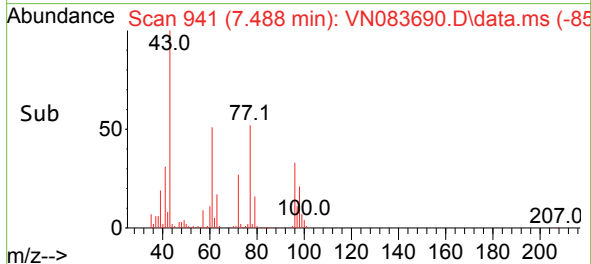
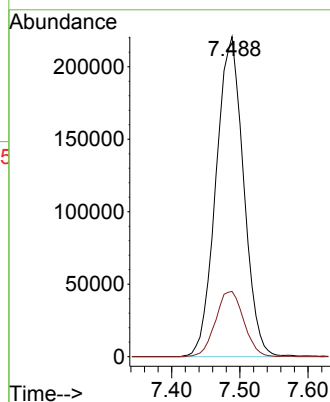
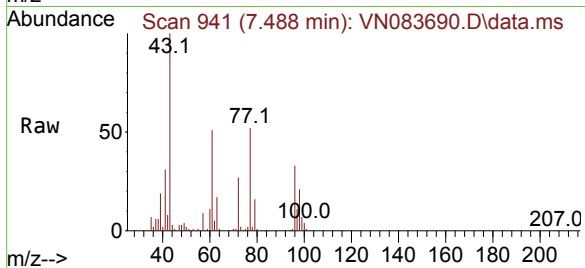




#31
2,2-Dichloropropane
Concen: 162.450 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

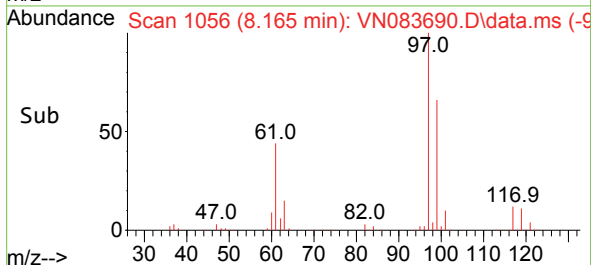
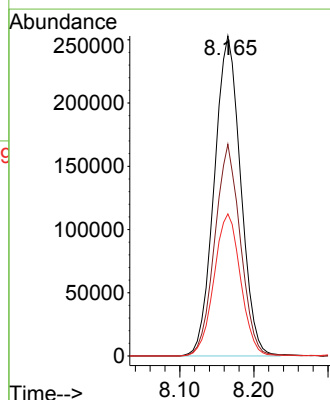
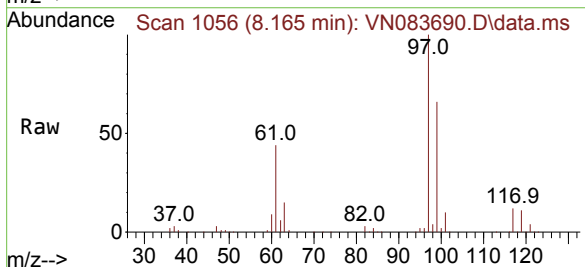
Instrument :
MSVOA_N
ClientSampleId :

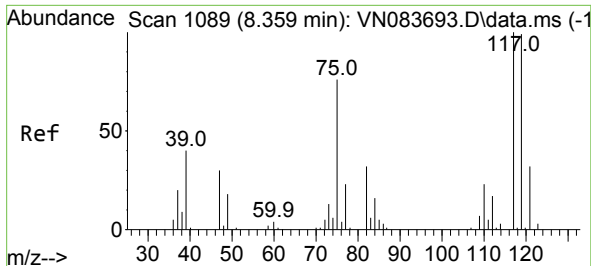
Tgt Ion: 77 Resp: 621435
Ion Ratio Lower Upper
77 100
97 20.9 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 156.335 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 97 Resp: 626452
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 44.7 33.8 50.8

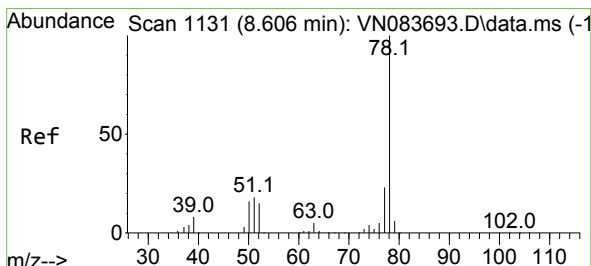
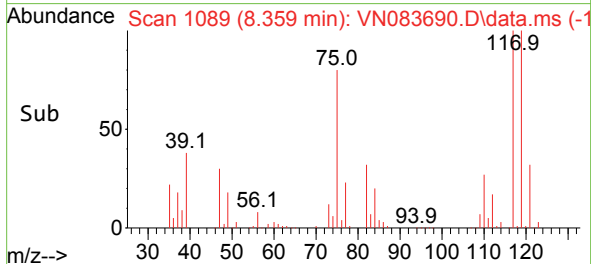
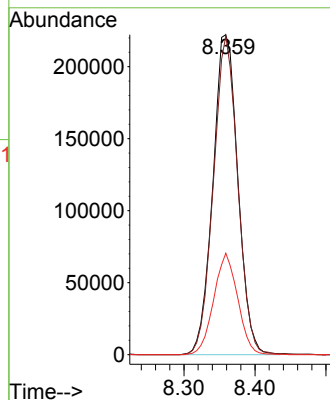
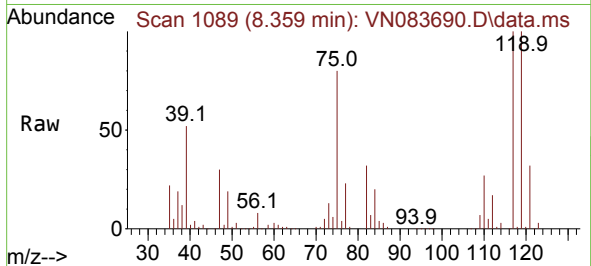




#33
Carbon Tetrachloride
Concen: 157.035 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

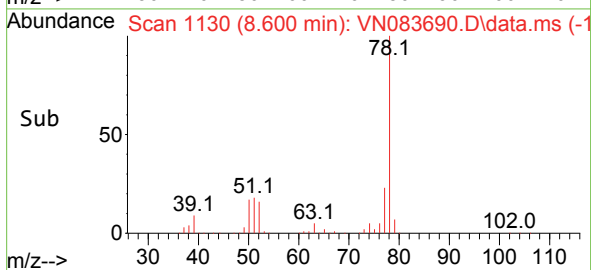
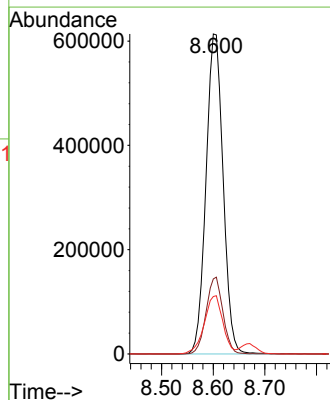
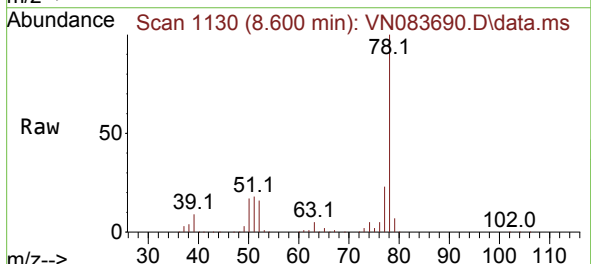
Instrument :
MSVOA_N
ClientSampleId :

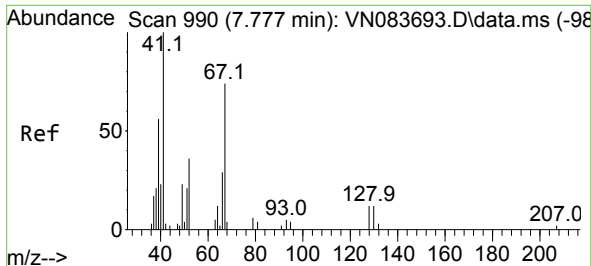
Tgt Ion:117 Resp: 544935
Ion Ratio Lower Upper
117 100
119 99.5 77.7 116.5
121 31.7 27.0 40.6



#34
Benzene
Concen: 156.616 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

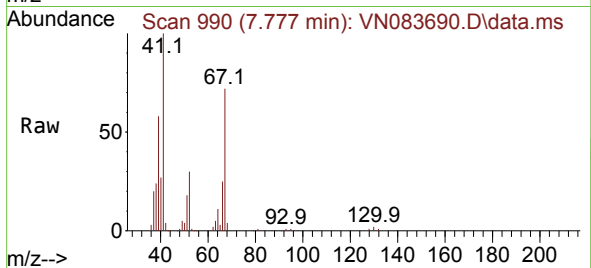
Tgt Ion: 78 Resp: 1409980
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 18.0 13.3 19.9



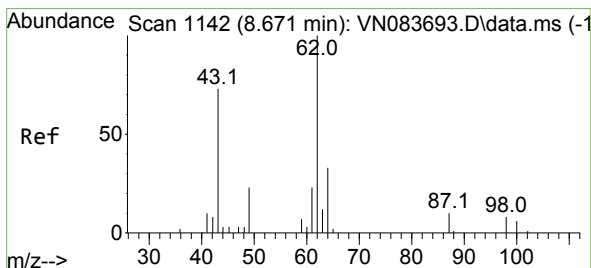
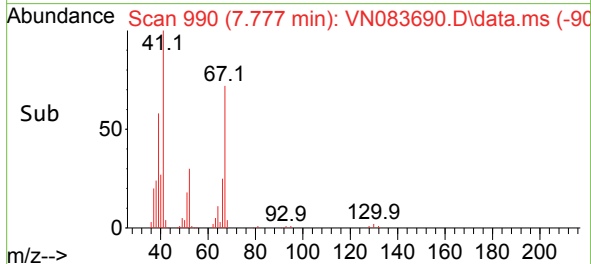
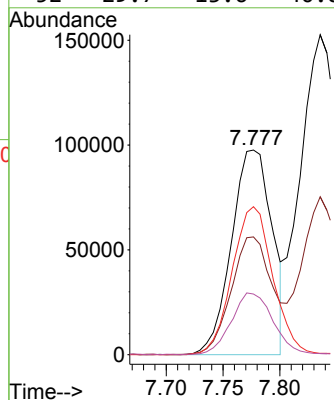


#35
Methacrylonitrile
Concen: 152.855 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :

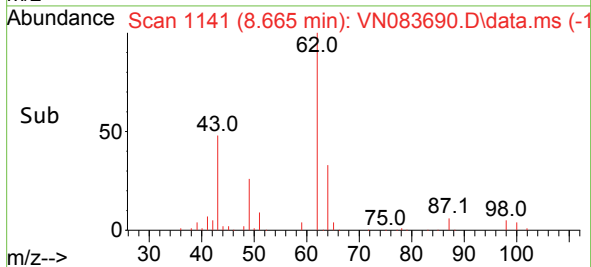
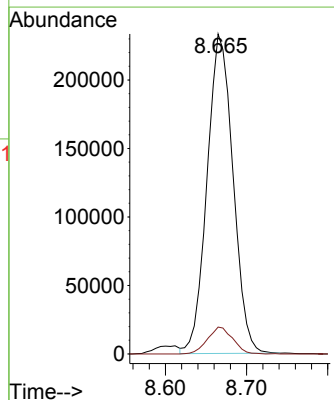
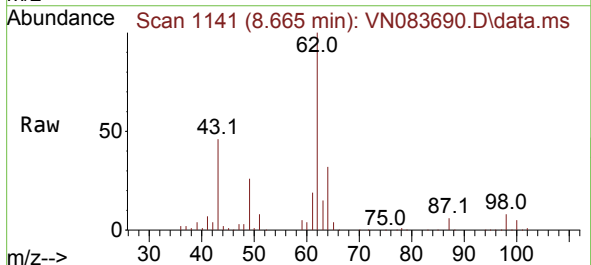


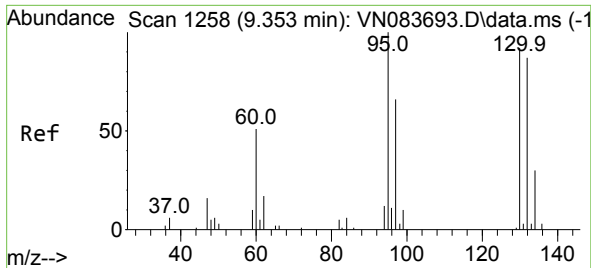
Tgt Ion:	41	Resp:	243037
Ion	Ratio	Lower	Upper
41	100		
39	57.4	25.3	75.9
67	72.4	38.7	116.1
52	29.7	13.6	40.8



#36
1,2-Dichloroethane
Concen: 153.088 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:	62	Resp:	518126
Ion	Ratio	Lower	Upper
62	100		
98	8.2	8.2	12.4





#37

Trichloroethene

Concen: 155.218 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

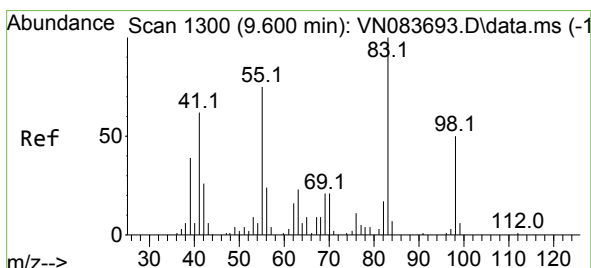
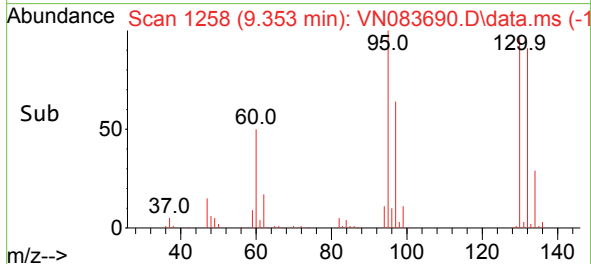
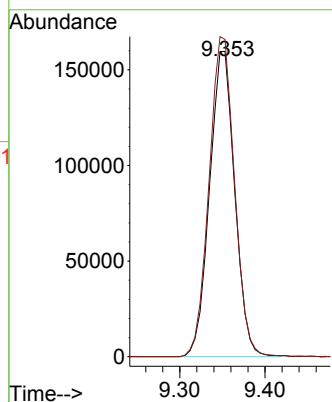
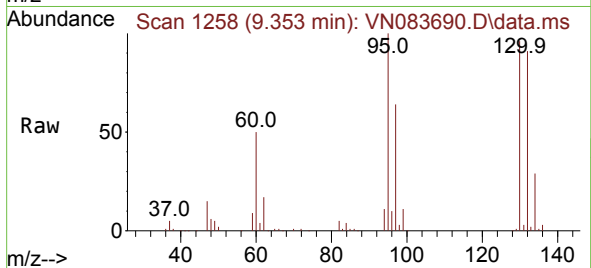
ClientSampleId :

Tgt Ion:130 Resp: 328143

Ion Ratio Lower Upper

130 100

95 103.9 80.2 120.4



#38

Methylcyclohexane

Concen: 163.450 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

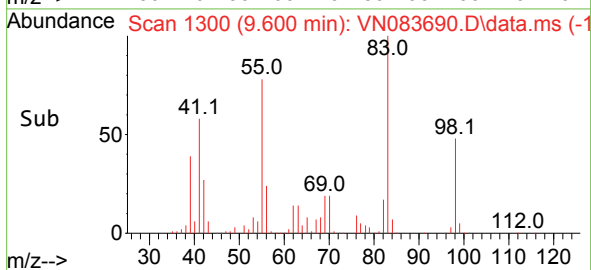
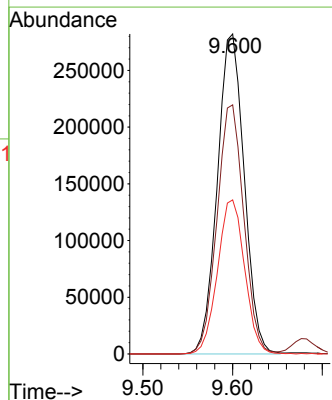
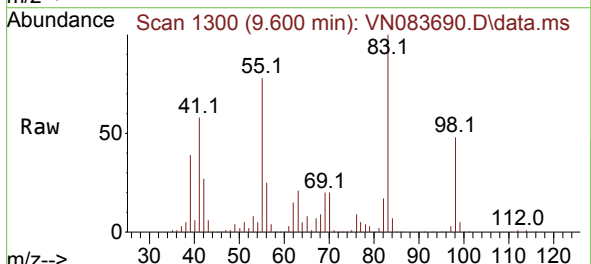
Tgt Ion: 83 Resp: 587155

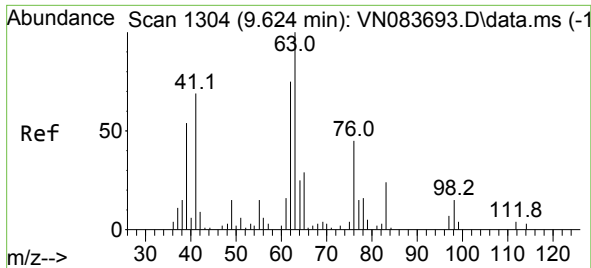
Ion Ratio Lower Upper

83 100

55 77.6 36.6 109.9

98 48.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 155.142 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

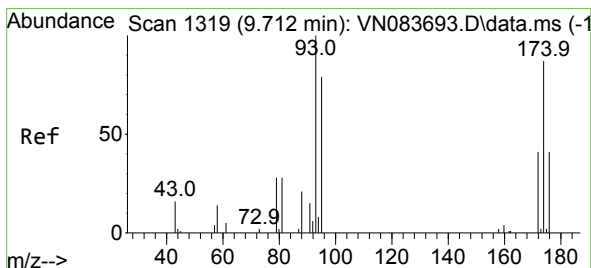
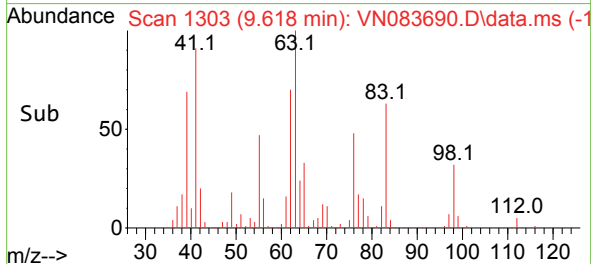
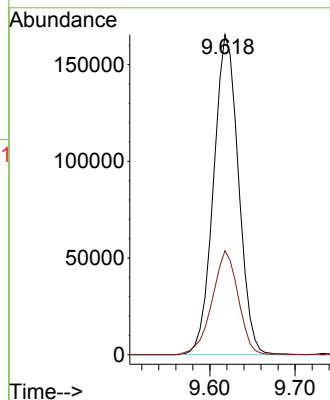
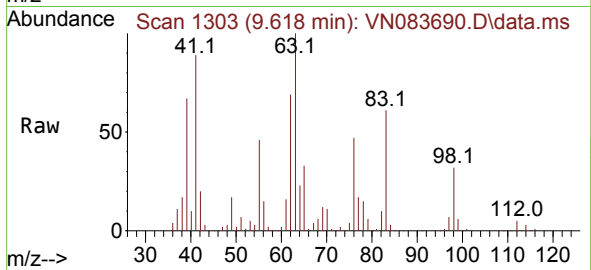
ClientSampleId :

Tgt Ion: 63 Resp: 336152

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.4



#40

Dibromomethane

Concen: 154.730 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

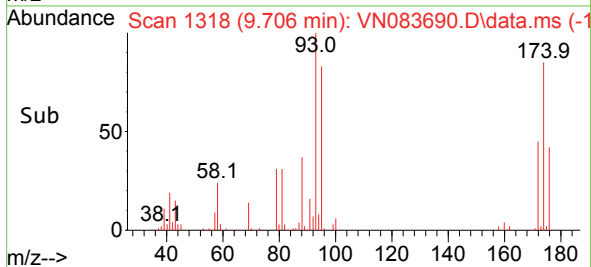
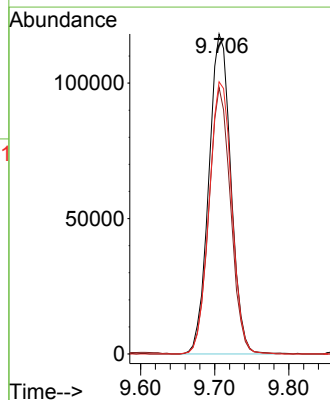
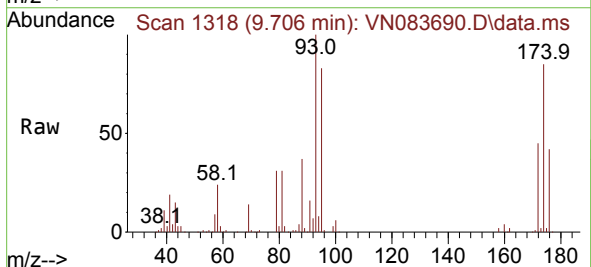
Tgt Ion: 93 Resp: 245139

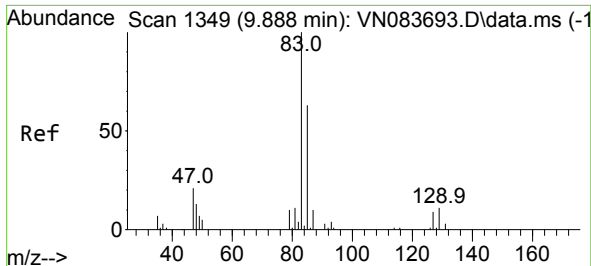
Ion Ratio Lower Upper

93 100

95 81.6 0.0 164.6

174 86.9 0.0 193.2

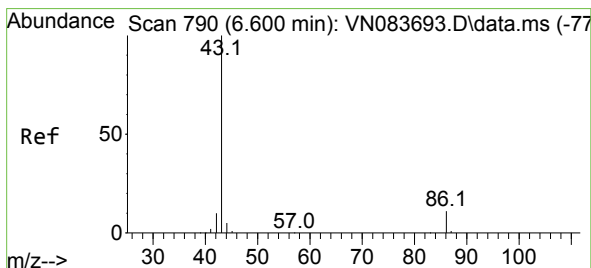
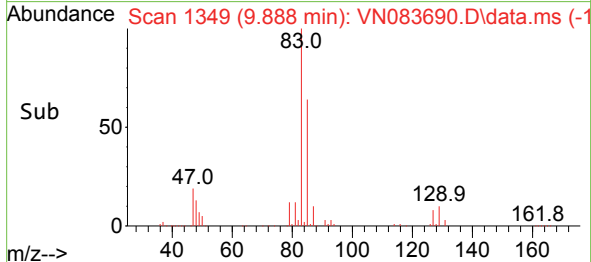
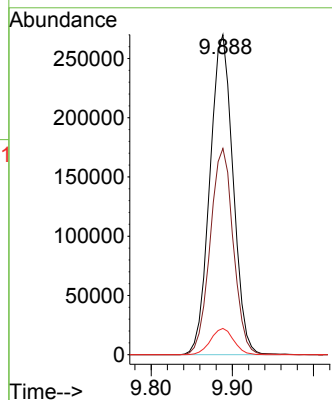
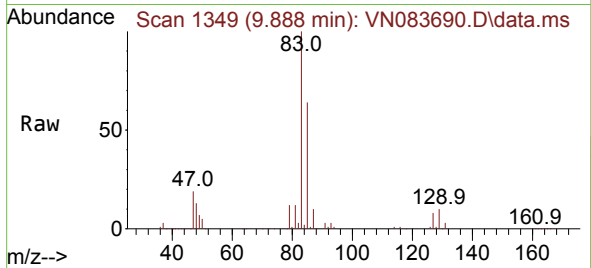




#41
Bromodichloromethane
Concen: 158.993 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

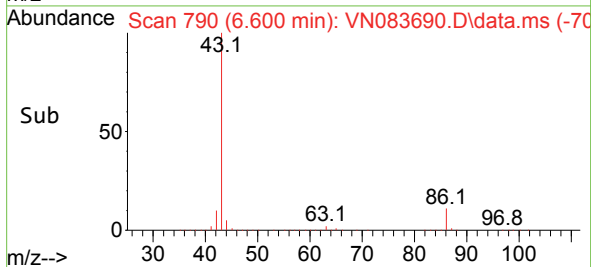
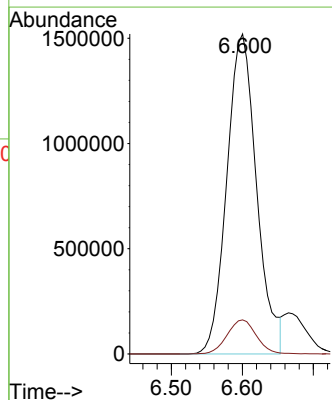
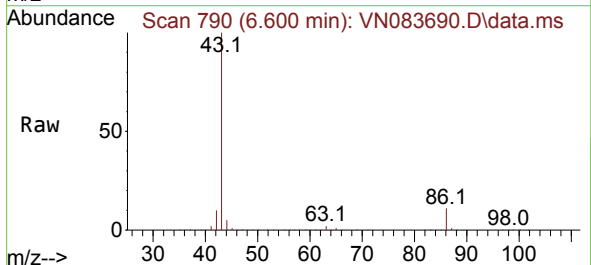
Instrument :
MSVOA_N
ClientSampleId :

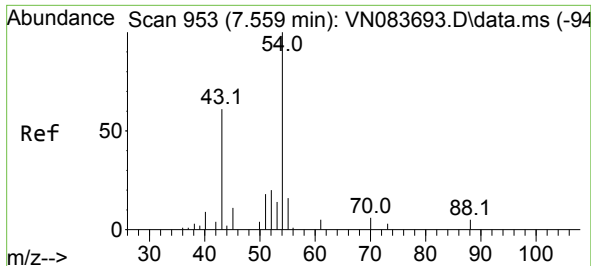
Tgt Ion: 83 Resp: 535642
Ion Ratio Lower Upper
83 100
85 64.5 49.4 74.2
127 8.2 7.3 10.9



#42
Vinyl Acetate
Concen: 763.681 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 43 Resp: 4441006
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2

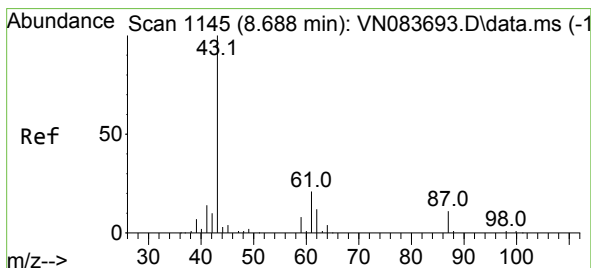
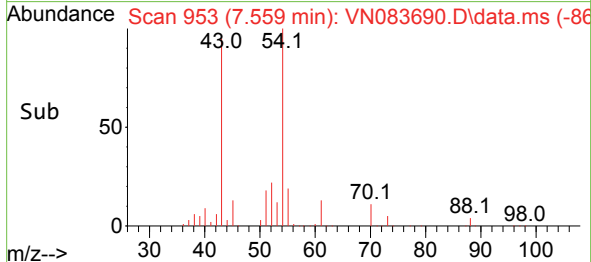
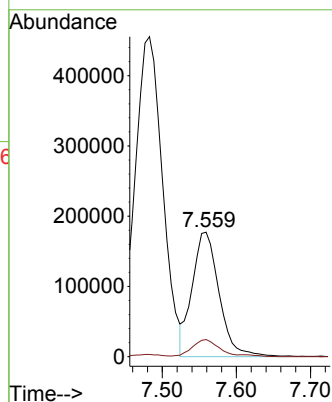
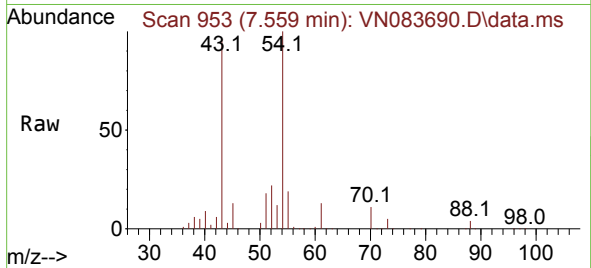




#43
Ethyl Acetate
Concen: 157.479 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

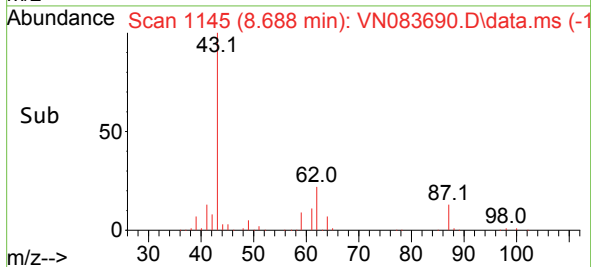
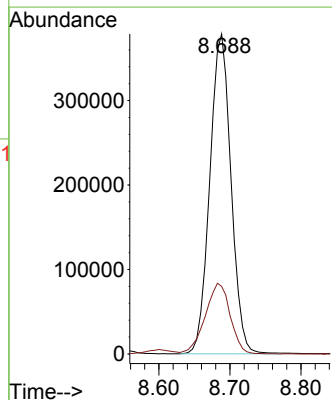
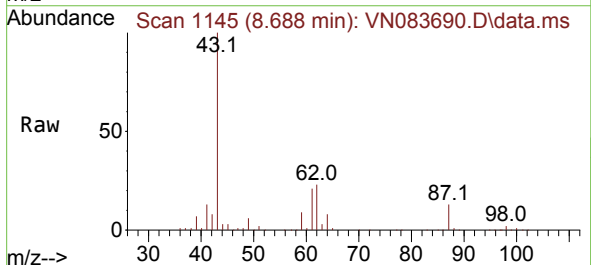
Instrument :
MSVOA_N
ClientSampleId :

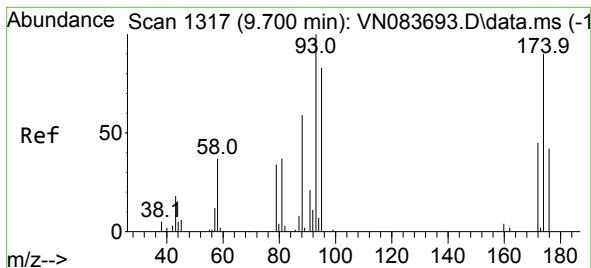
Tgt Ion: 43 Resp: 448321
Ion Ratio Lower Upper
43 100
45 12.2 10.6 15.8



#44
Isopropyl Acetate
Concen: 159.336 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 43 Resp: 784558
Ion Ratio Lower Upper
43 100
61 26.1 25.0 37.4





#45

1,4-Dioxane

Concen: 3023.055 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

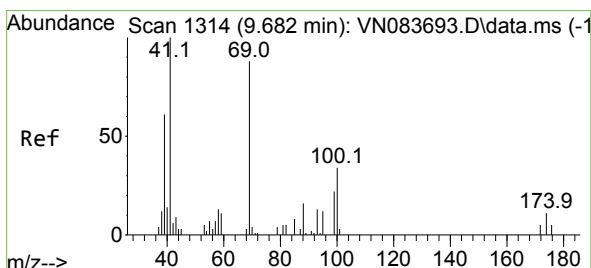
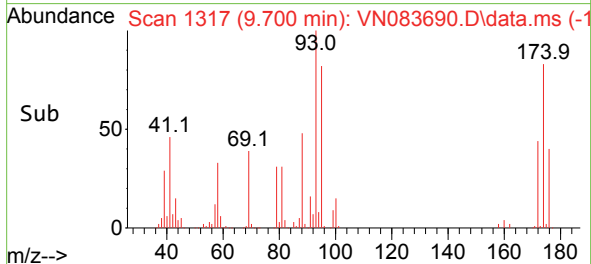
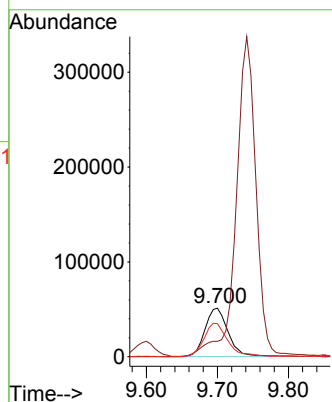
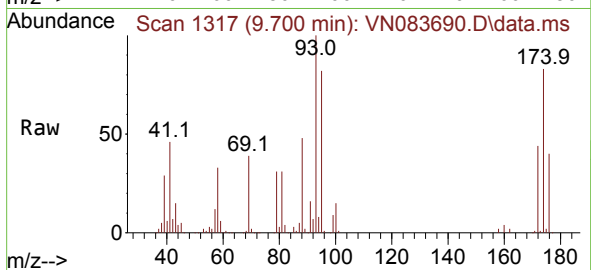
Tgt Ion: 88 Resp: 116100

Ion Ratio Lower Upper

88 100

43 566.2 19.8 29.6#

58 71.5 55.4 83.0



#46

Methyl methacrylate

Concen: 161.311 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

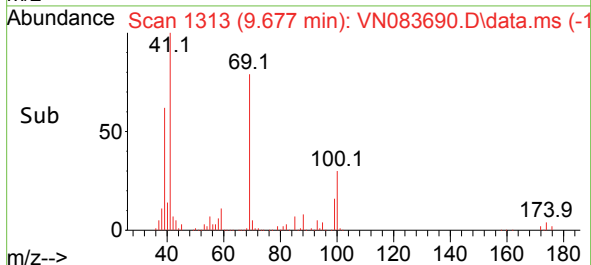
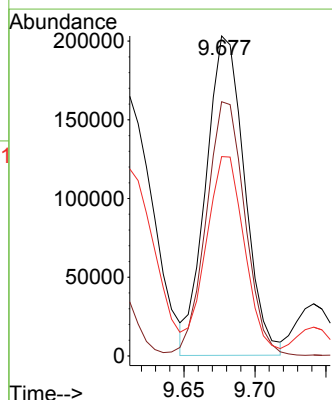
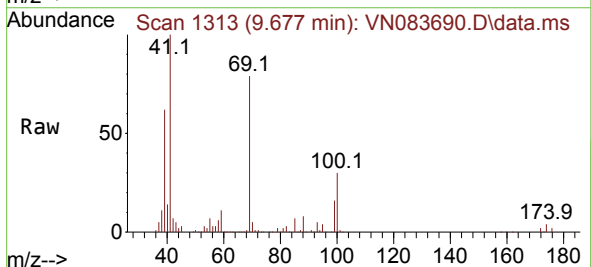
Tgt Ion: 41 Resp: 384453

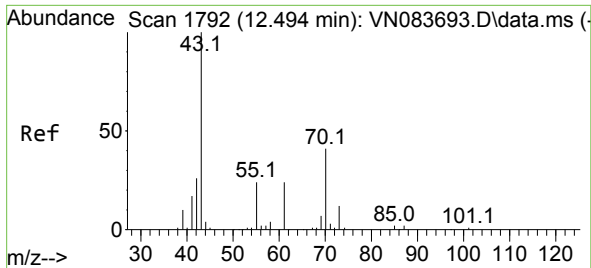
Ion Ratio Lower Upper

41 100

69 81.7 51.1 153.3

39 62.7 25.8 77.3

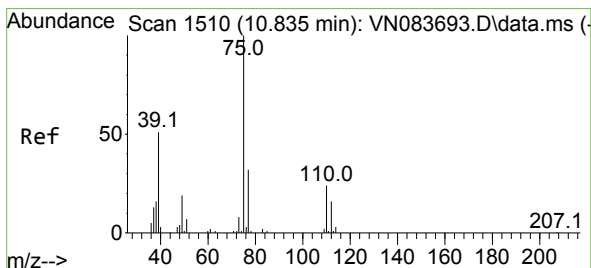
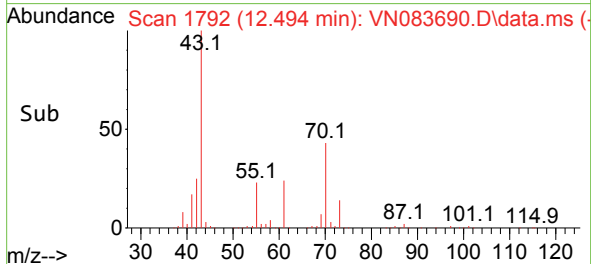
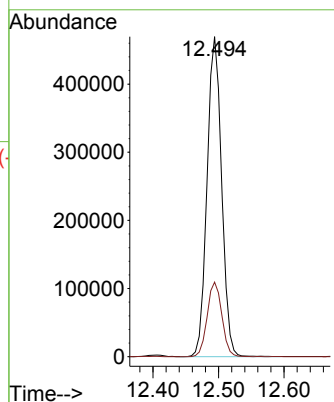
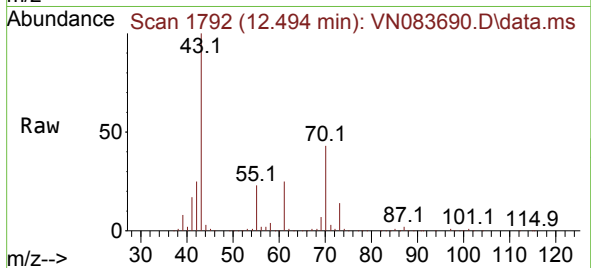




#47
n-amyl acetate
Concen: 166.323 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

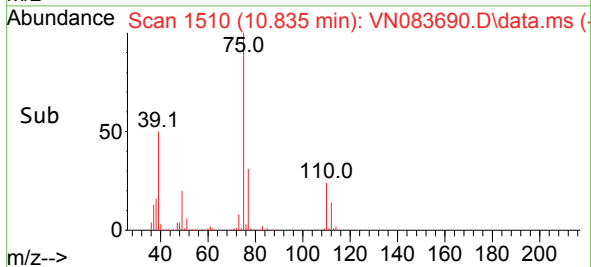
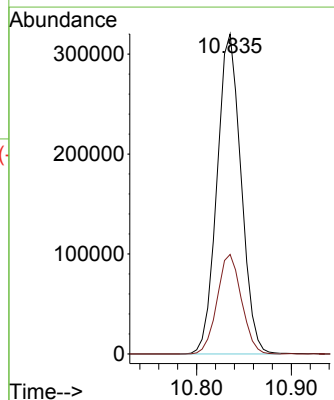
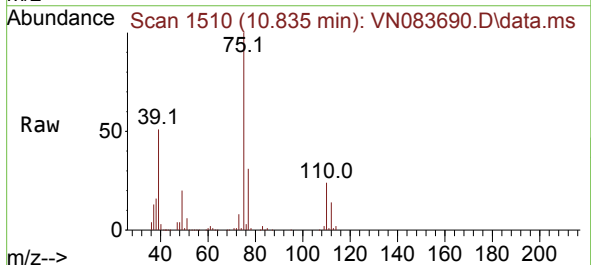
Instrument :
MSVOA_N
ClientSampleId :

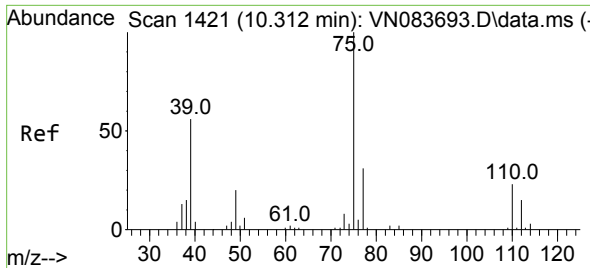
Tgt Ion: 43 Resp: 725440
Ion Ratio Lower Upper
43 100
55 23.5 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 159.299 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 75 Resp: 564506
Ion Ratio Lower Upper
75 100
77 31.1 23.8 35.6

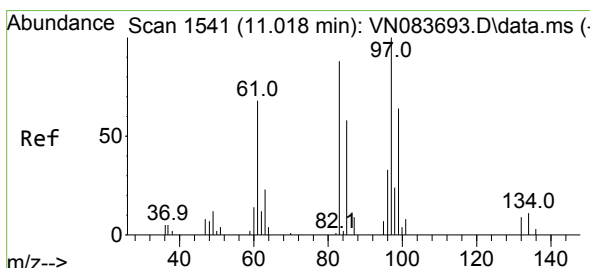
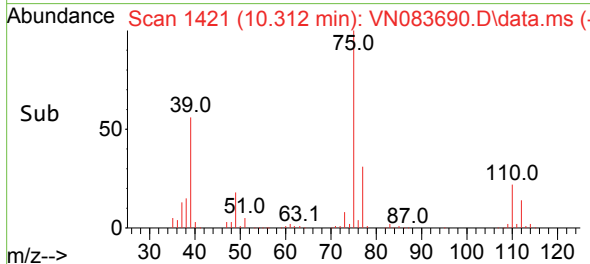
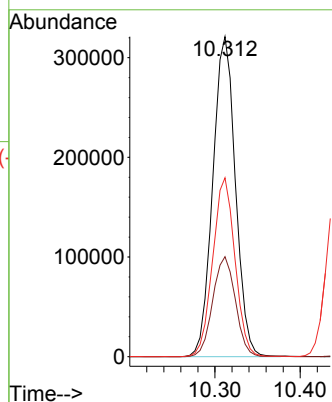
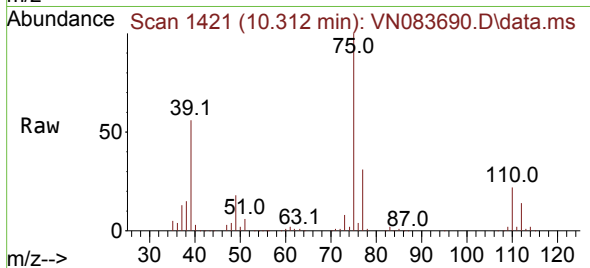




#49
 cis-1,3-Dichloropropene
 Concen: 160.623 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

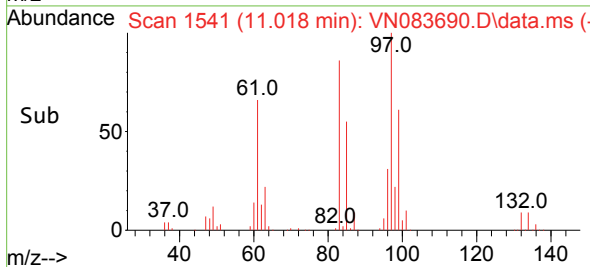
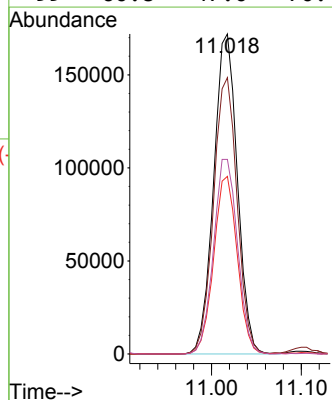
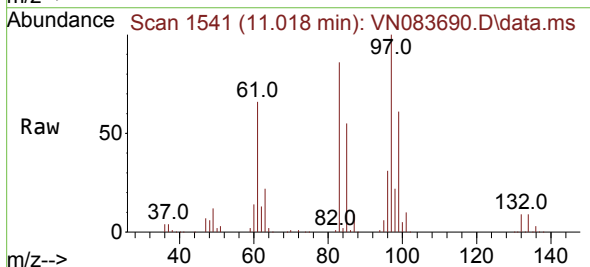
Instrument :
 MSVOA_N
 ClientSampleId :

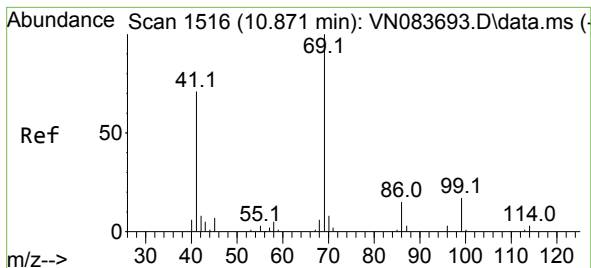
Tgt Ion: 75 Resp: 591965
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3
 39 55.9 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 156.400 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

Tgt Ion: 97 Resp: 315295
 Ion Ratio Lower Upper
 97 100
 83 86.3 68.1 102.1
 85 55.5 41.8 62.6
 99 60.8 47.0 70.4

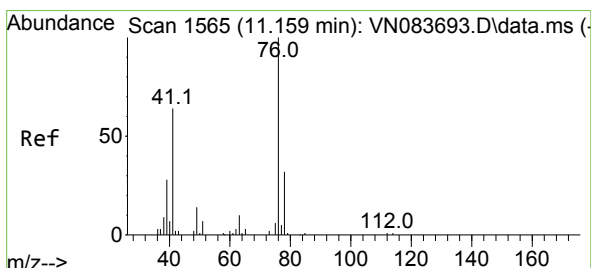
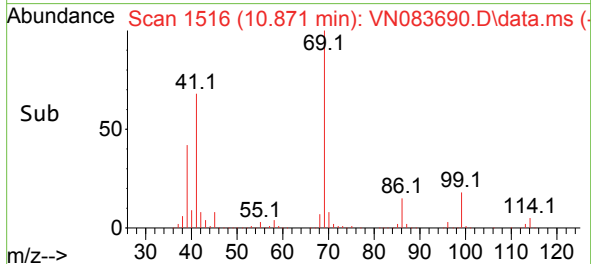
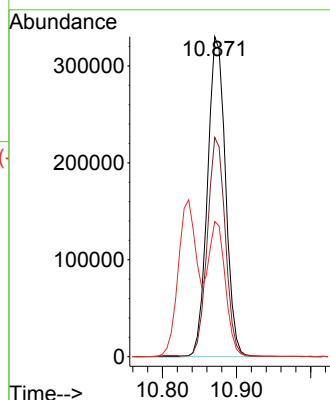
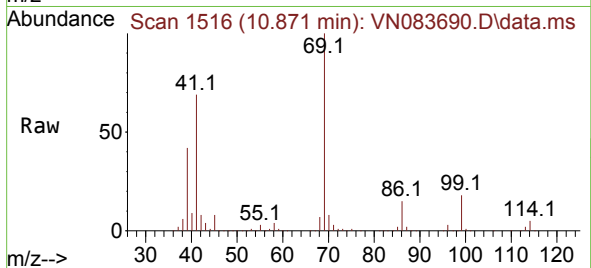




#51
Ethyl methacrylate
Concen: 161.418 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

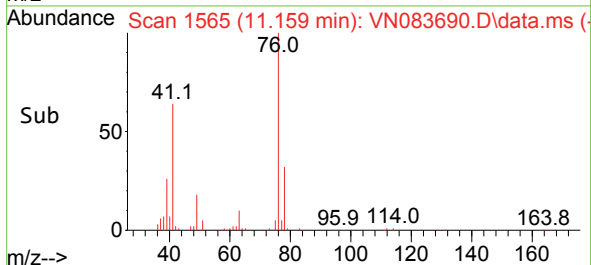
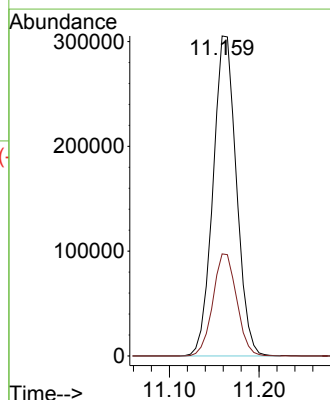
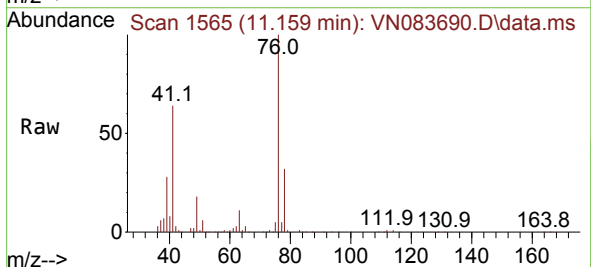
Instrument :
MSVOA_N
ClientSampleId :

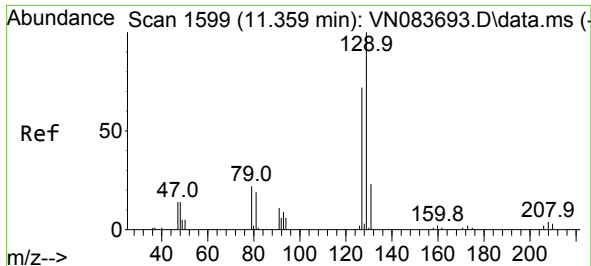
Tgt Ion: 69 Resp: 555946
Ion Ratio Lower Upper
69 100
41 68.4 25.5 76.5
39 42.1 16.0 47.9



#52
1,3-Dichloropropane
Concen: 151.858 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 76 Resp: 552853
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.8

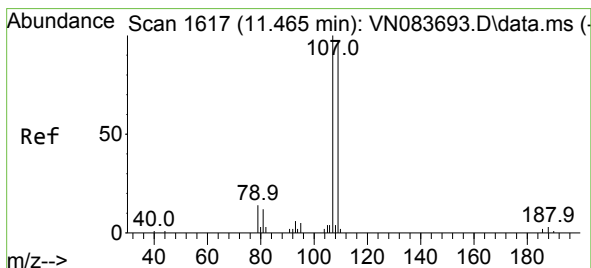
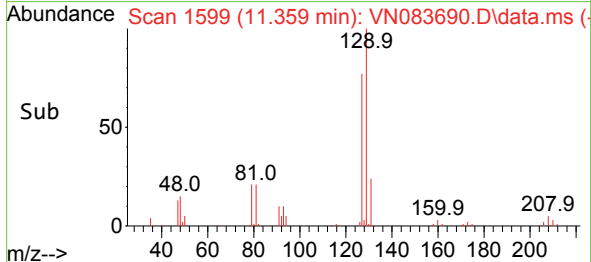
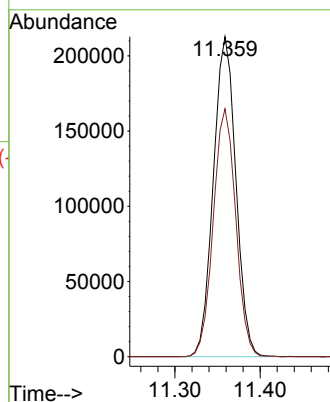
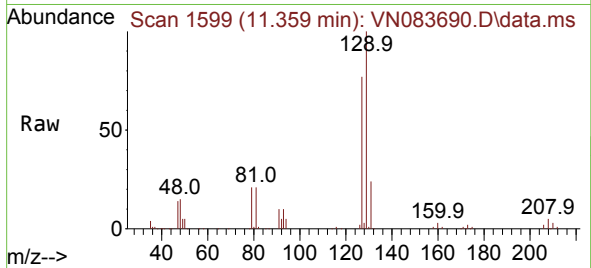




#53
Dibromochloromethane
Concen: 161.889 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

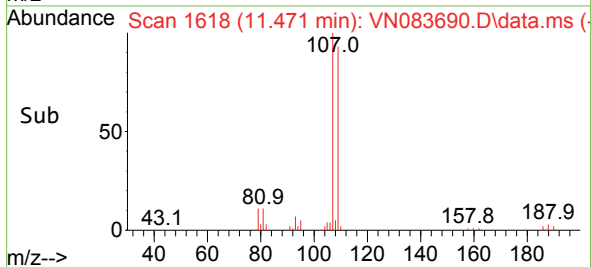
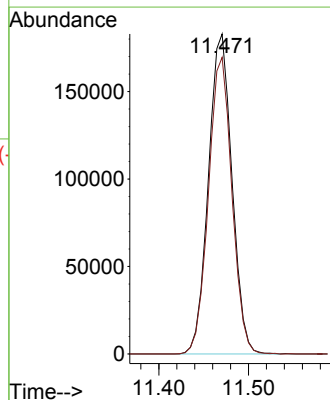
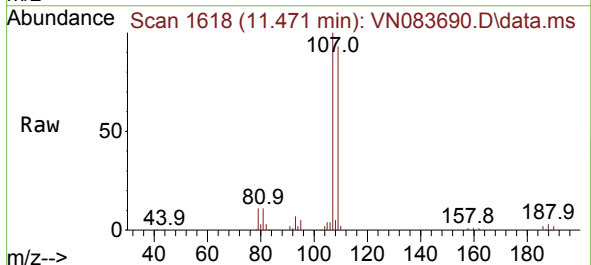
Instrument :
MSVOA_N
ClientSampleId :

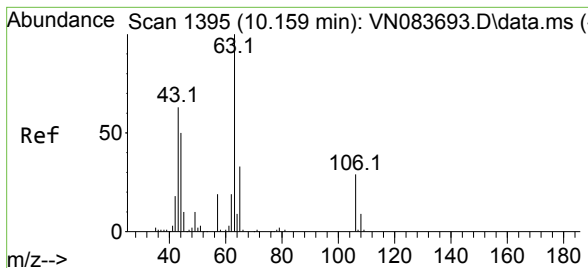
Tgt Ion:129 Resp: 391451
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1



#54
1,2-Dibromoethane
Concen: 159.763 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:107 Resp: 333191
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1

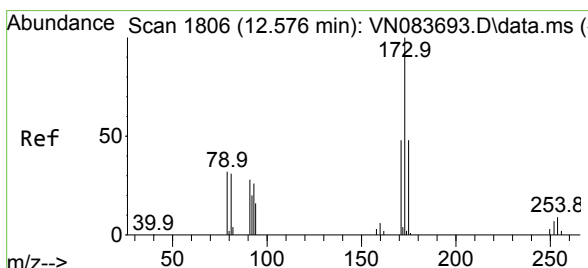
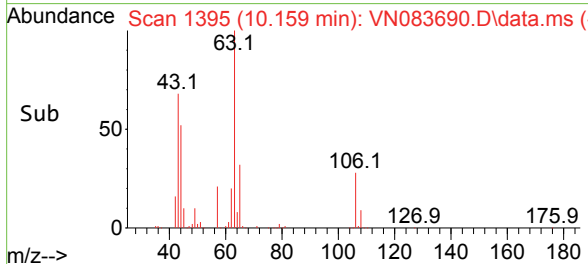
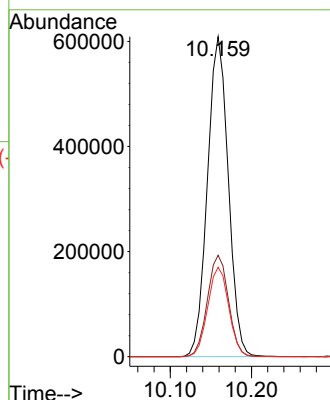
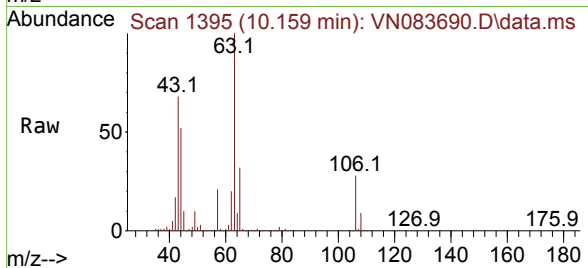




#55
2-Chloroethyl vinyl ether
Concen: 791.404 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

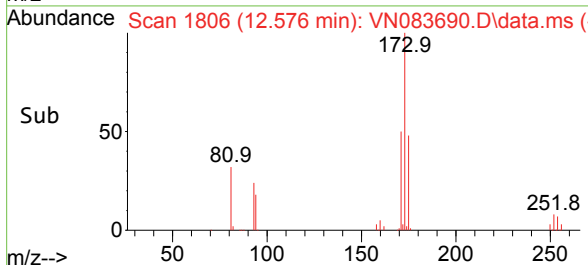
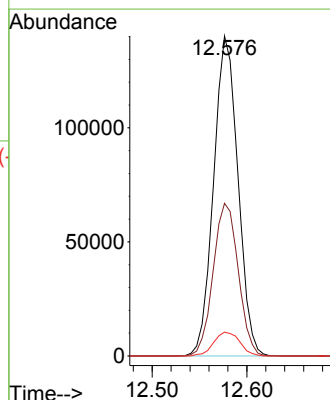
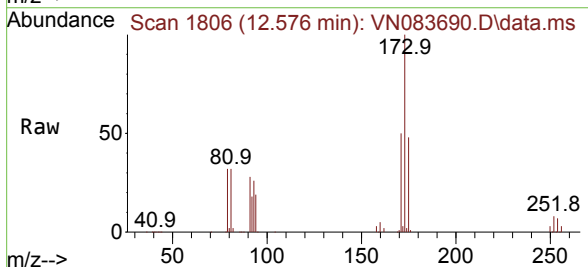
Instrument :
MSVOA_N
ClientSampleId :

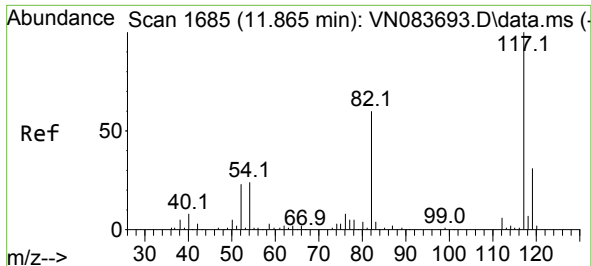
Tgt Ion: 63 Resp: 1086274
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 28.2 23.8 35.8



#56
Bromoform
Concen: 162.983 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:173 Resp: 250373
Ion Ratio Lower Upper
173 100
175 49.1 40.0 60.0
254 8.0 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

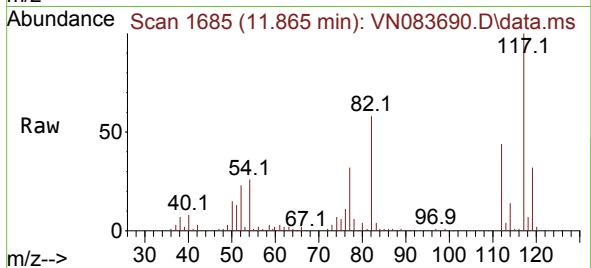
Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :



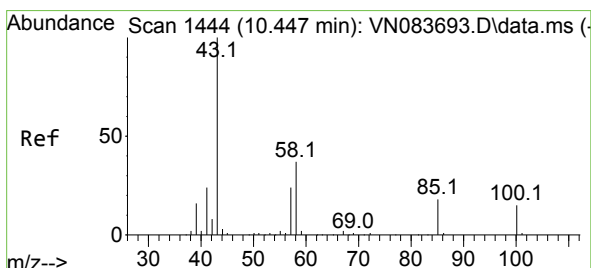
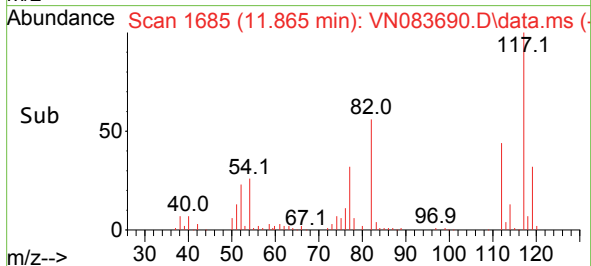
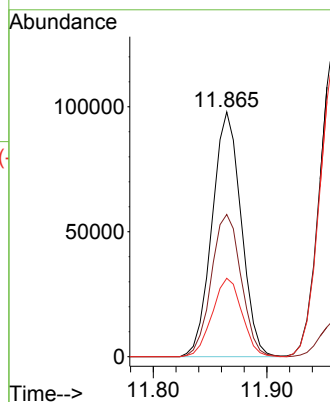
Tgt Ion:117 Resp: 174274

Ion Ratio Lower Upper

117 100

82 59.6 46.6 69.8

119 32.8 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 768.178 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

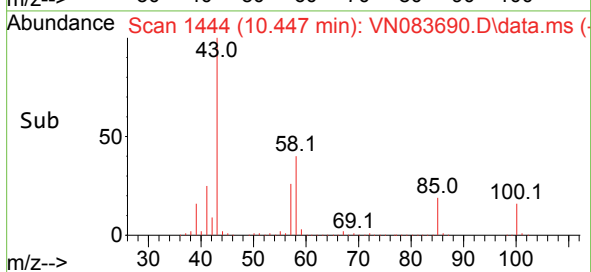
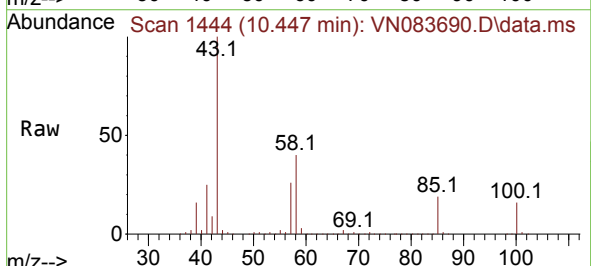
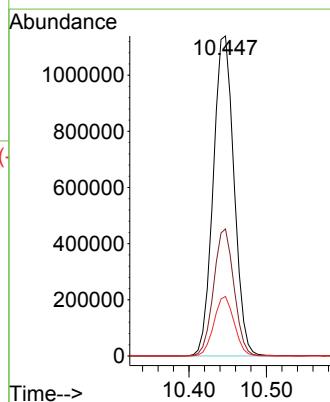
Tgt Ion: 43 Resp: 2122727

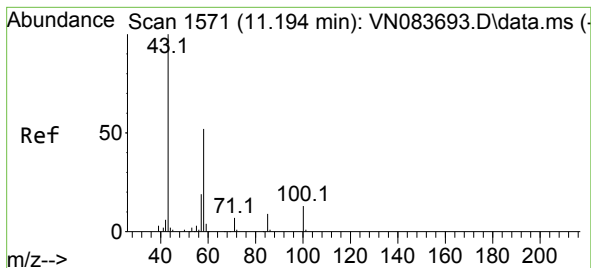
Ion Ratio Lower Upper

43 100

58 39.0 36.5 54.7

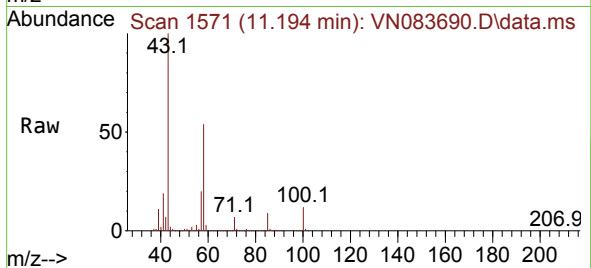
85 18.2 19.5 29.3#



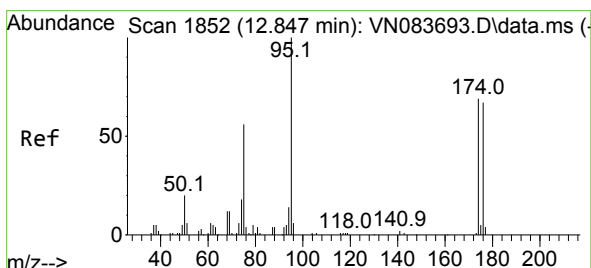
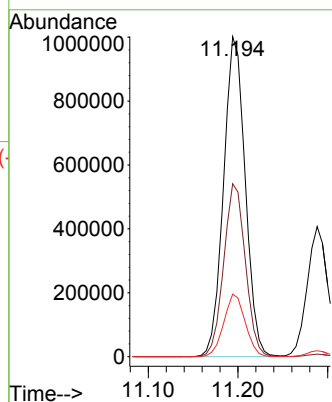
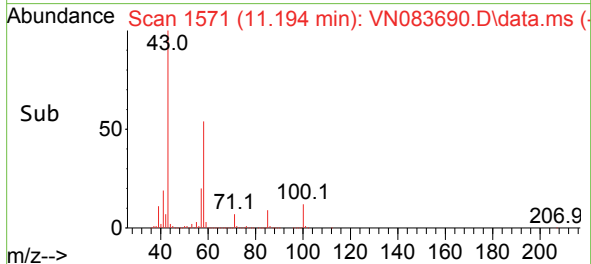


#59
2-Hexanone
Concen: 804.463 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :

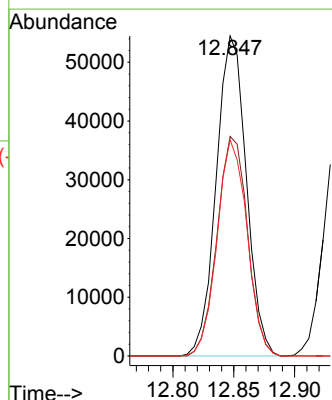
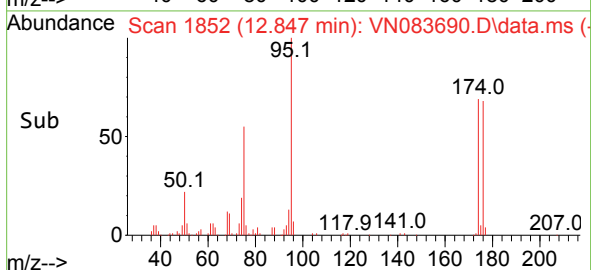
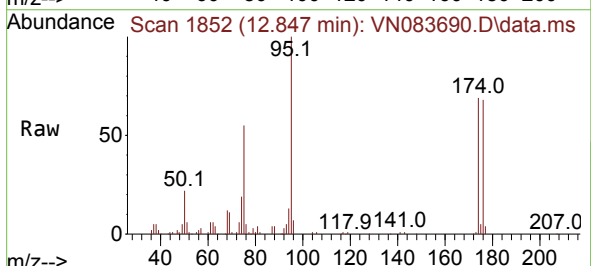


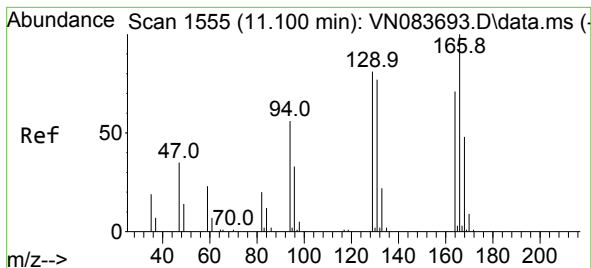
Tgt Ion: 43 Resp: 1679722
Ion Ratio Lower Upper
43 100
58 54.1 50.4 75.6
57 19.4 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 31.174 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 95 Resp: 93633
Ion Ratio Lower Upper
95 100
174 69.3 60.5 90.7
176 67.3 57.8 86.6





#61

Tetrachloroethene

Concen: 152.775 ug/l

RT: 11.100 min Scan# 1

Delta R.T. 0.000 min

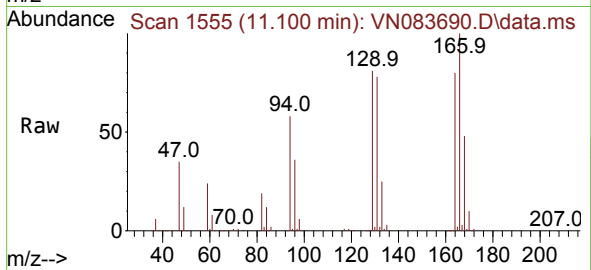
Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 281775

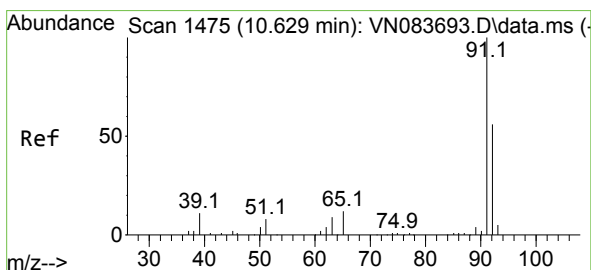
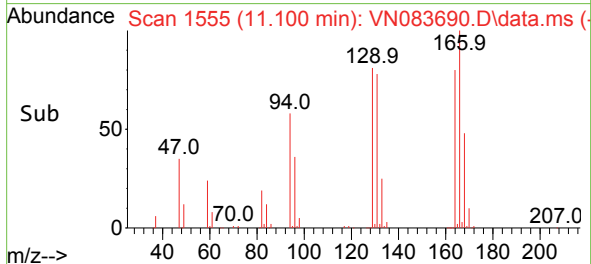
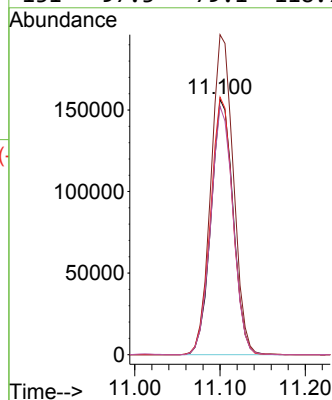
Ion Ratio Lower Upper

164 100

166 125.3 106.7 160.1

129 100.9 85.8 128.6

131 97.3 79.1 118.7



#62

Toluene

Concen: 153.315 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083690.D

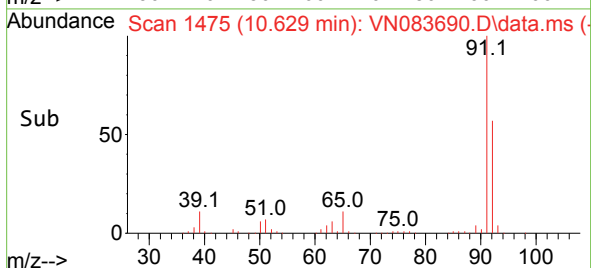
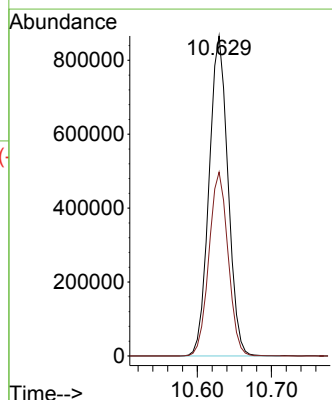
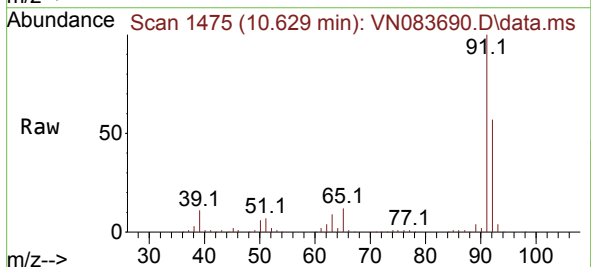
Acq: 06 Sep 2024 11:58

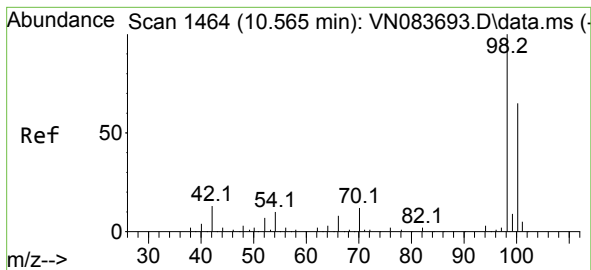
Tgt Ion: 91 Resp: 1535761

Ion Ratio Lower Upper

91 100

92 58.0 46.5 69.7





#63

Toluene-d8

Concen: 29.706 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

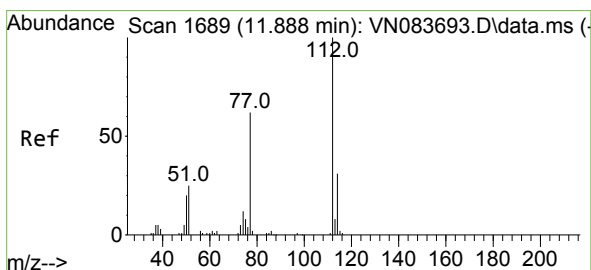
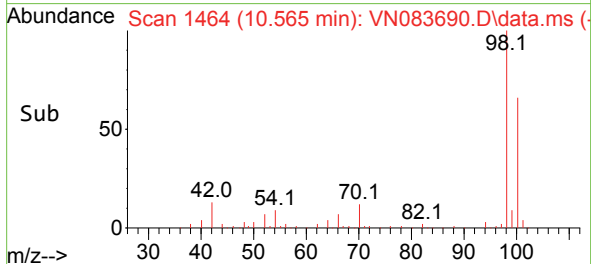
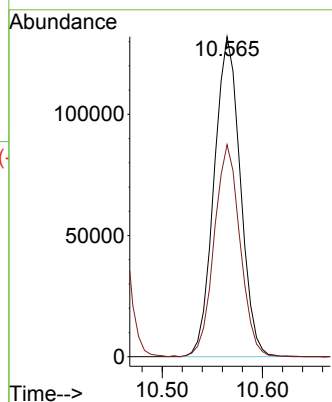
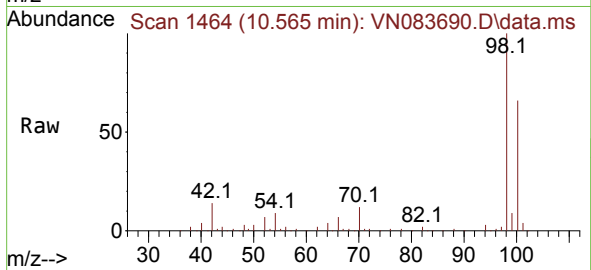
ClientSampleId :

Tgt Ion: 98 Resp: 239716

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#64

Chlorobenzene

Concen: 149.851 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN083690.D

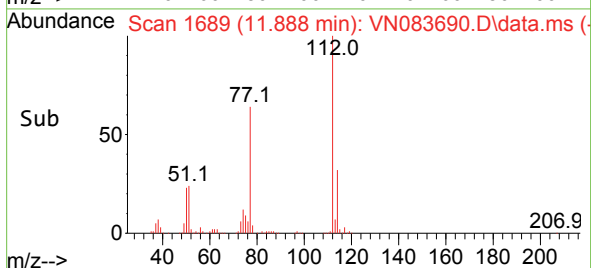
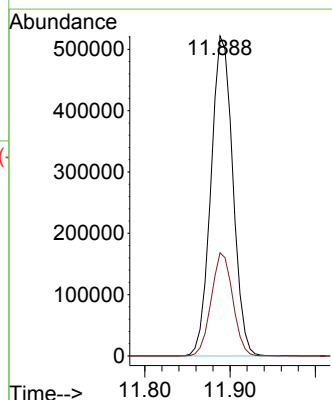
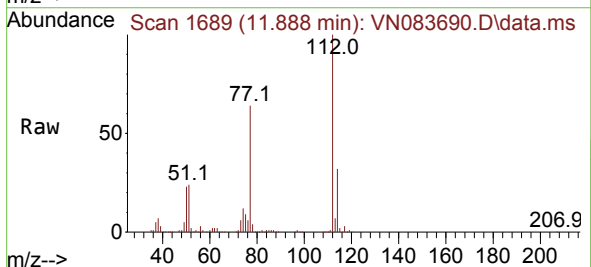
Acq: 06 Sep 2024 11:58

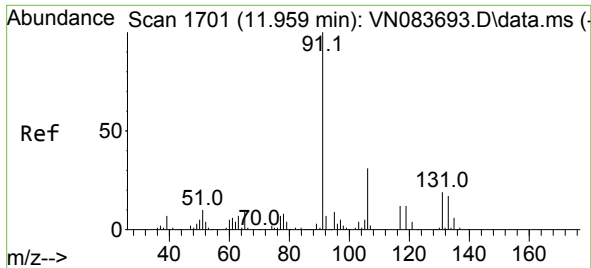
Tgt Ion:112 Resp: 929353

Ion Ratio Lower Upper

112 100

114 32.2 26.6 39.8

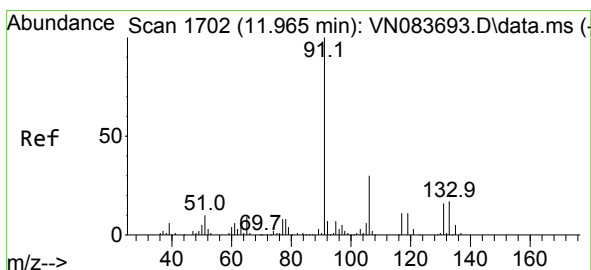
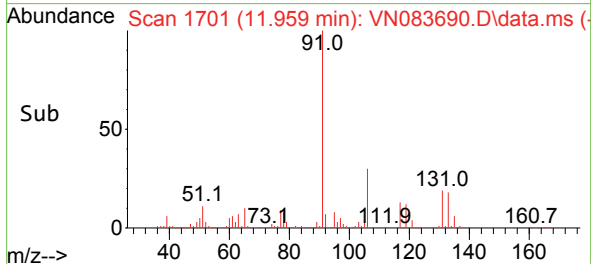
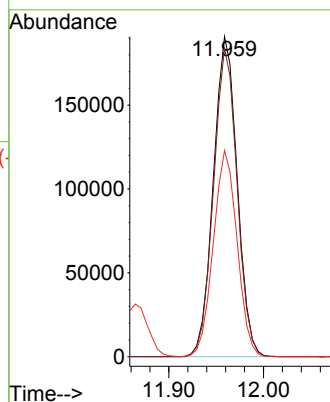
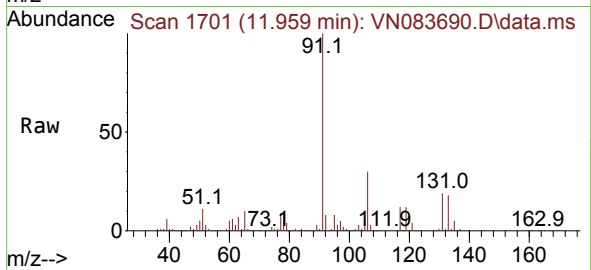




#65
1,1,1,2-Tetrachloroethane
Concen: 154.406 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

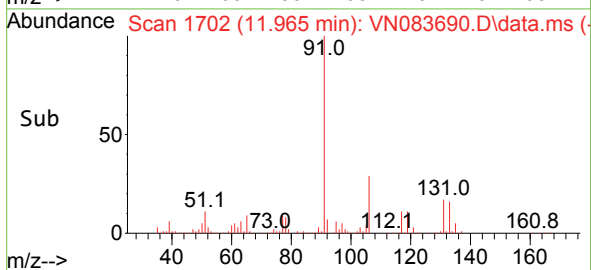
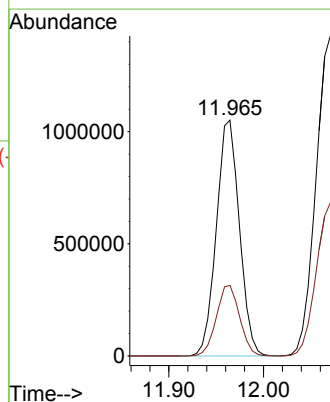
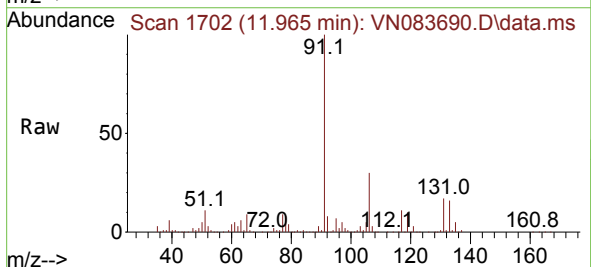
Instrument :
MSVOA_N
ClientSampleId :

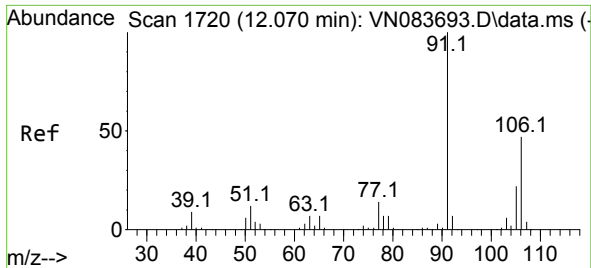
Tgt Ion:131 Resp: 333589
Ion Ratio Lower Upper
131 100
133 95.4 0.0 188.0
119 64.3 0.0 122.8



#66
Ethyl Benzene
Concen: 156.289 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 91 Resp: 1780342
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

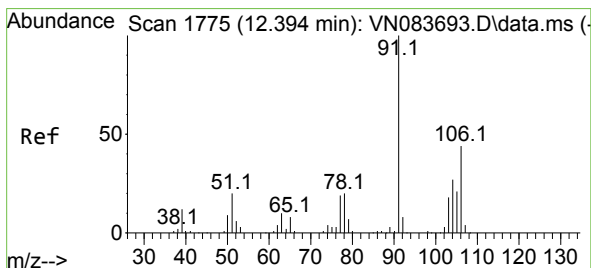
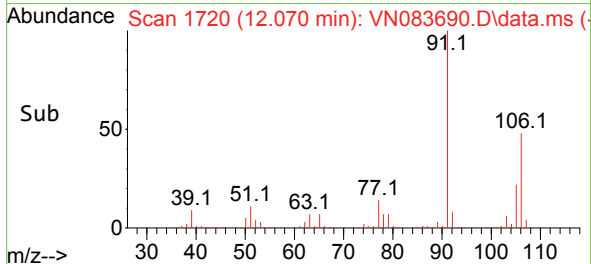
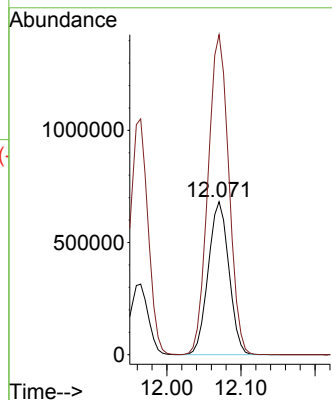
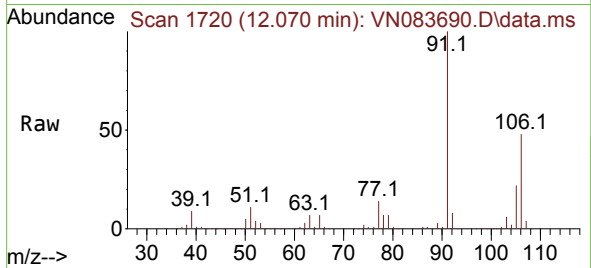




#67
m/p-Xylenes
Concen: 314.757 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

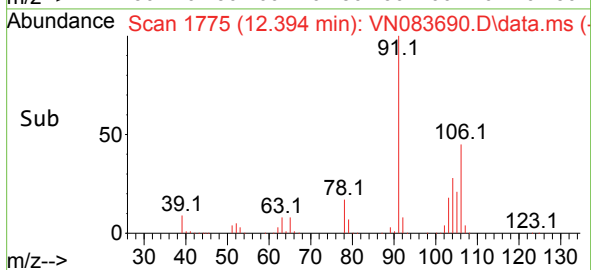
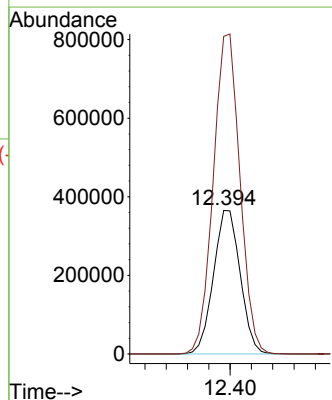
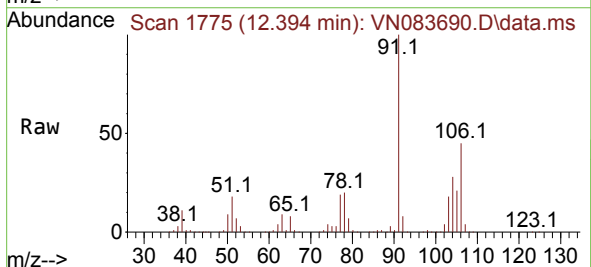
Instrument :
MSVOA_N
ClientSampleId :

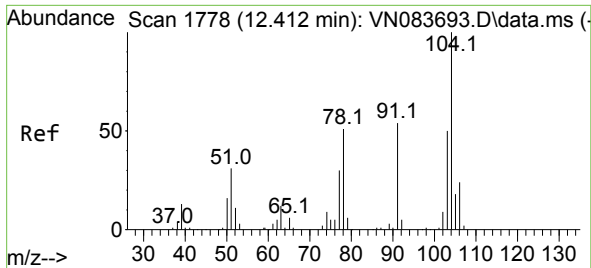
Tgt Ion:106 Resp: 1319129
Ion Ratio Lower Upper
106 100
91 210.9 166.6 249.8



#68
o-Xylene
Concen: 156.858 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:106 Resp: 636232
Ion Ratio Lower Upper
106 100
91 222.4 110.0 330.0

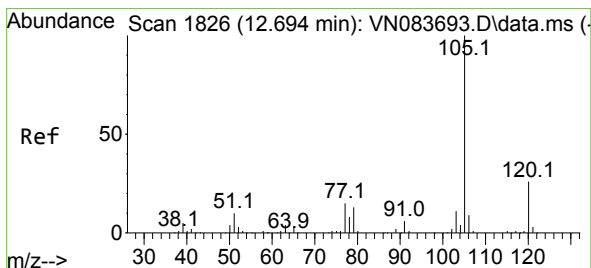
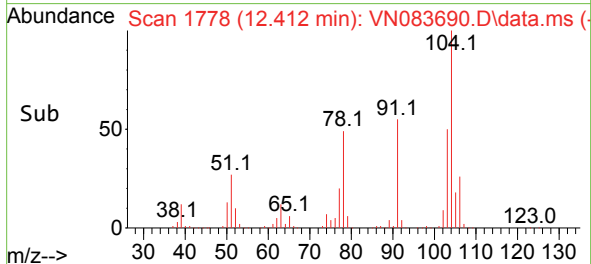
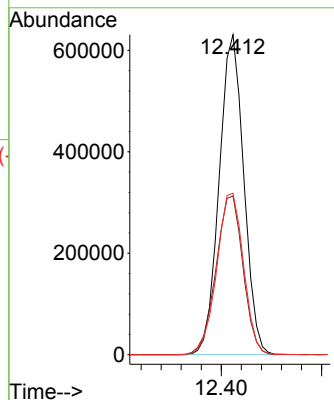
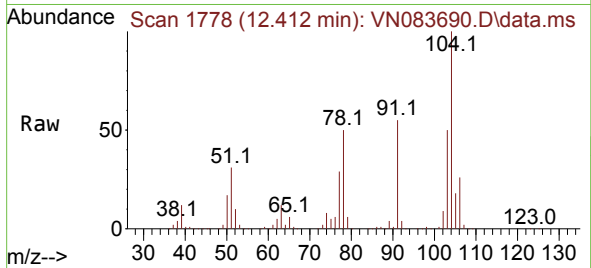




#69
Styrene
Concen: 156.815 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

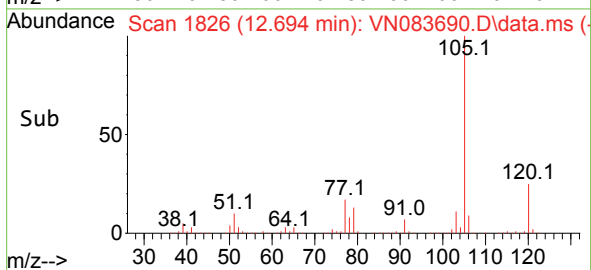
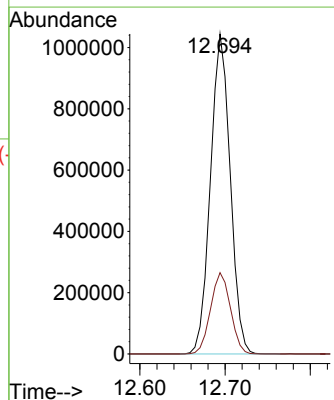
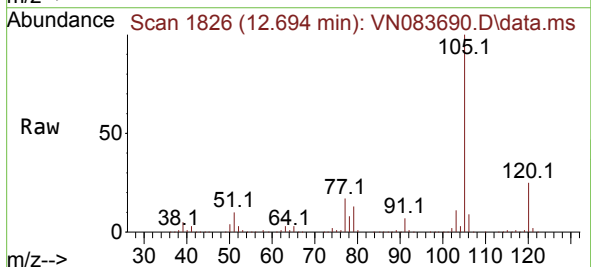
Instrument :
MSVOA_N
ClientSampleId :

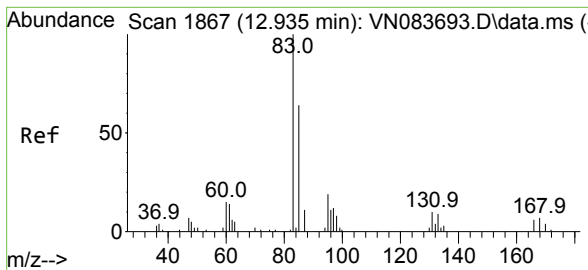
Tgt Ion:104 Resp: 1074725
Ion Ratio Lower Upper
104 100
78 54.5 42.6 64.0
103 54.8 43.7 65.5



#70
Isopropylbenzene
Concen: 157.234 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:105 Resp: 1683033
Ion Ratio Lower Upper
105 100
120 25.6 17.8 33.1

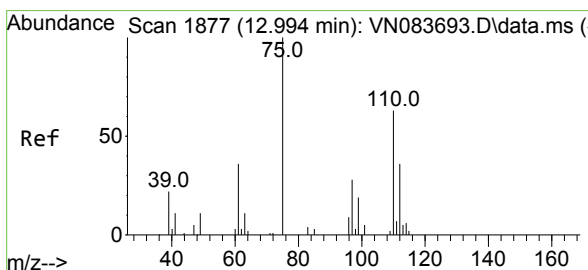
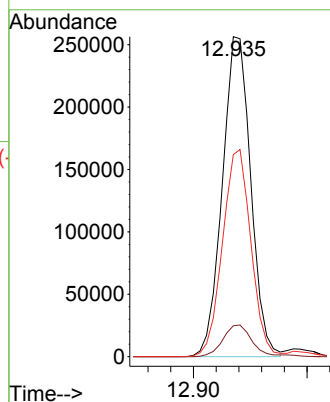
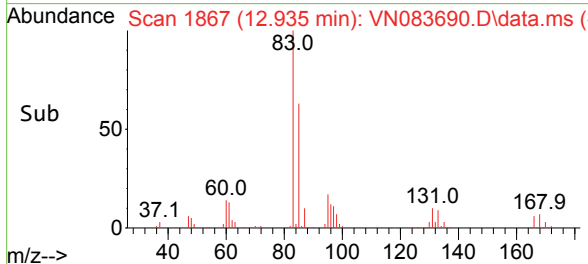
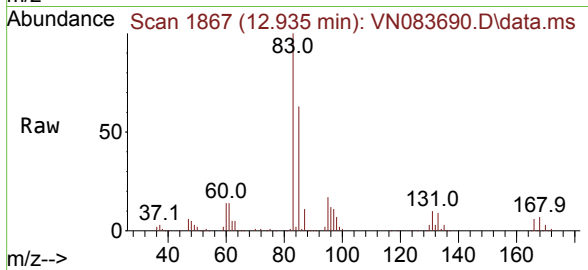




#71
 1,1,2,2-Tetrachloroethane
 Concen: 152.420 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

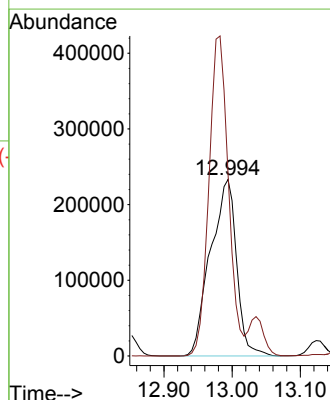
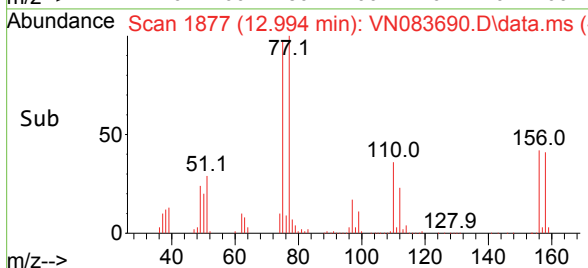
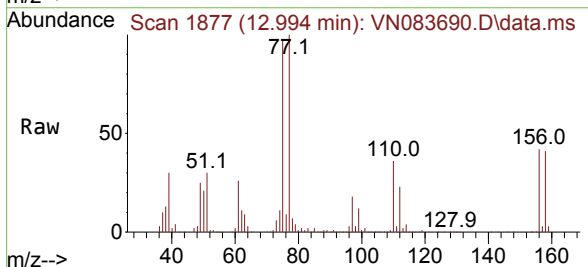
Instrument :
 MSVOA_N
 ClientSampleId :

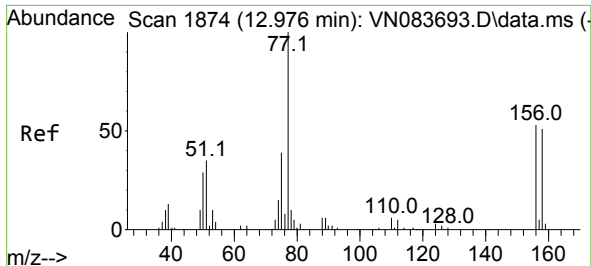
Tgt Ion: 83 Resp: 445602
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.2 15.6
 85 64.7 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 242.631 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

Tgt Ion: 75 Resp: 620711
 Ion Ratio Lower Upper
 75 100
 77 136.0 0.0 367.6

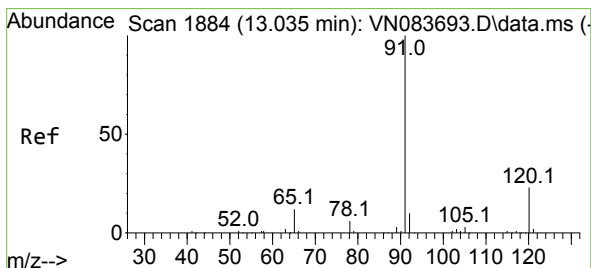
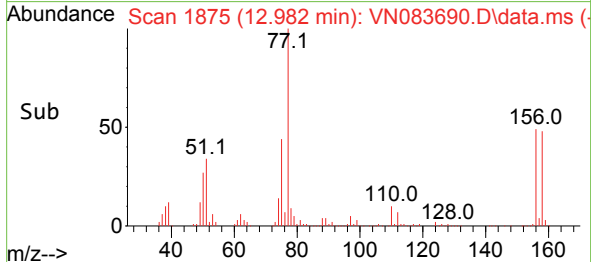
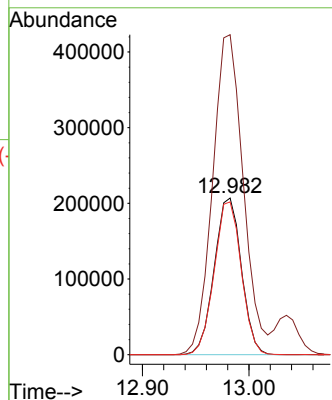
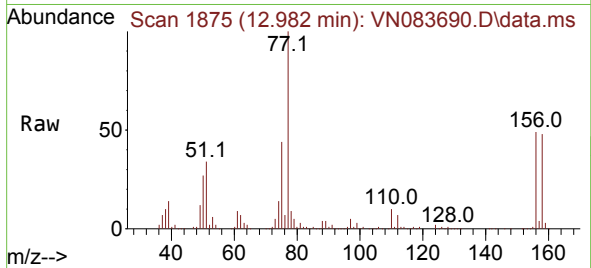




#73
Bromobenzene
Concen: 148.978 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

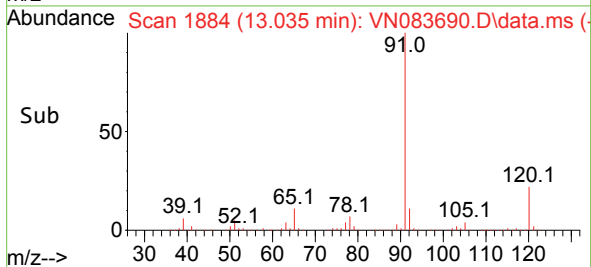
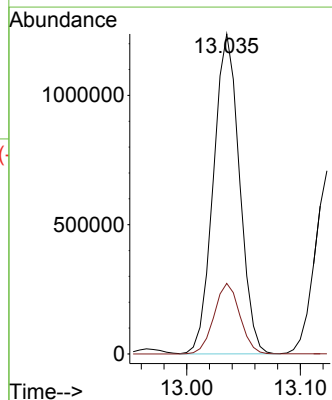
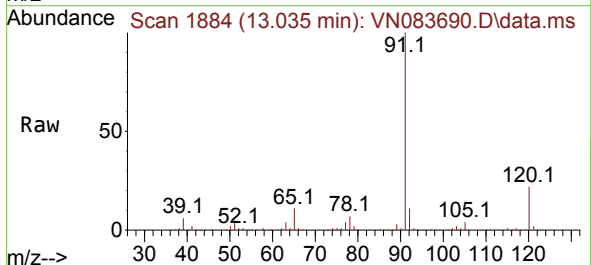
Instrument :
MSVOA_N
ClientSampleId :

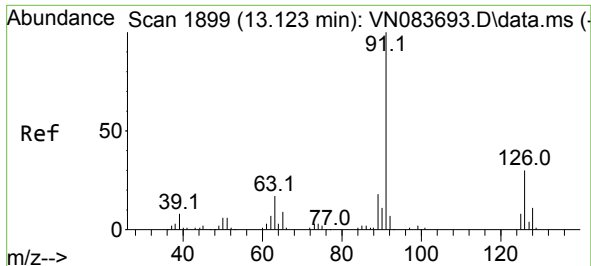
Tgt Ion:156 Resp: 366279
Ion Ratio Lower Upper
156 100
77 230.4 0.0 437.6
158 97.3 0.0 203.8



#74
n-propylbenzene
Concen: 157.557 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 91 Resp: 1974229
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.8

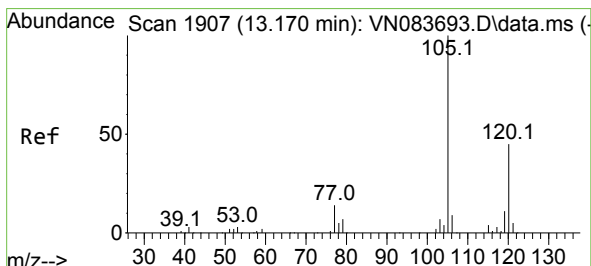
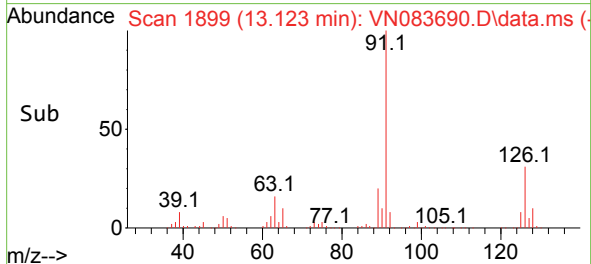
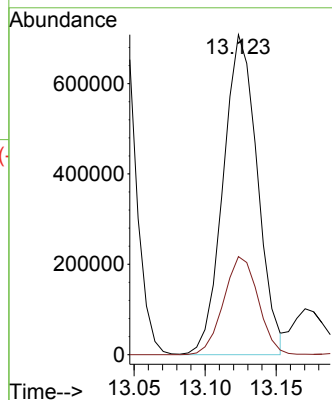
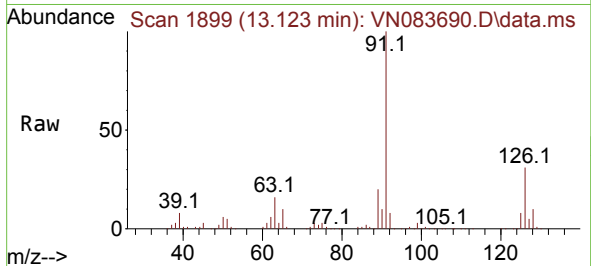




#75
2-Chlorotoluene
Concen: 151.841 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

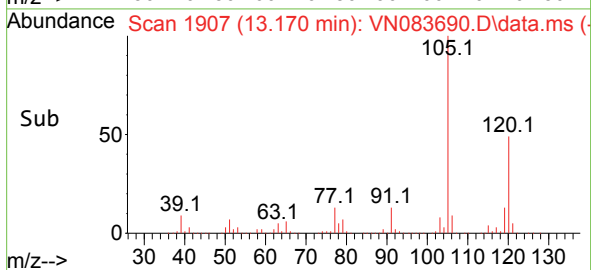
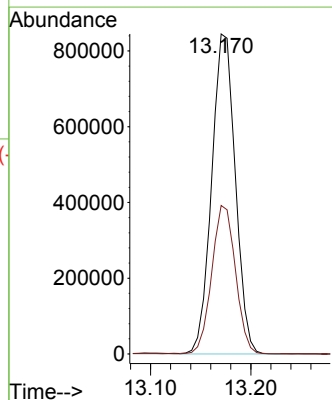
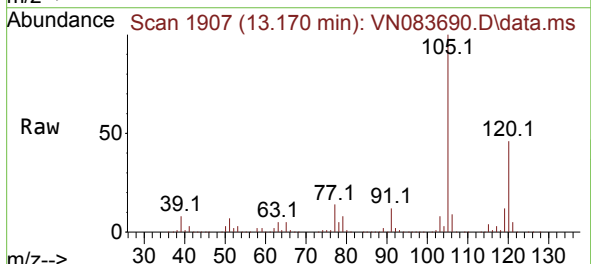
Instrument :
MSVOA_N
ClientSampleId :

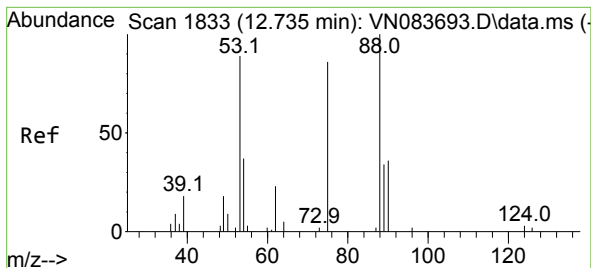
Tgt Ion: 91 Resp: 1187471
Ion Ratio Lower Upper
91 100
126 31.0 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 154.944 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

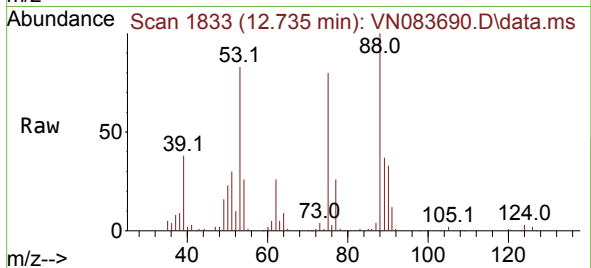
Tgt Ion: 105 Resp: 1385400
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8



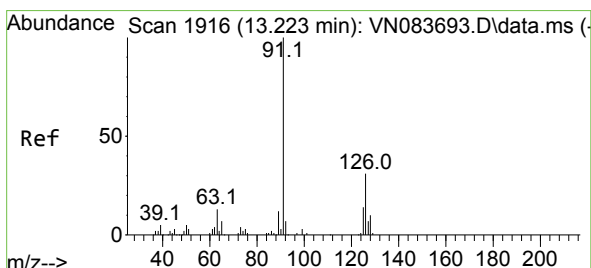
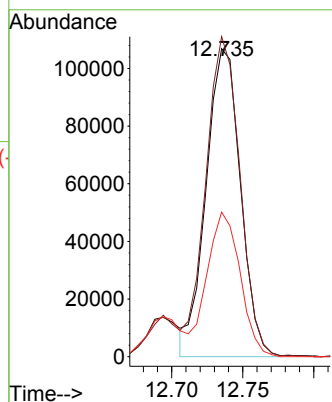
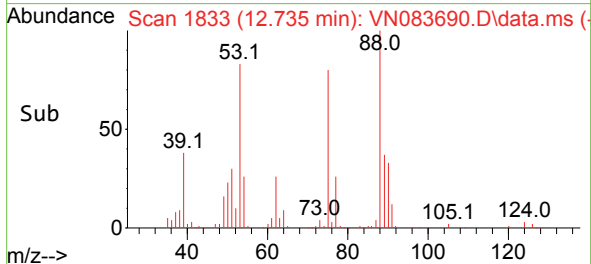


#77
t-1,4-Dichloro-2-butene
Concen: 166.125 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :

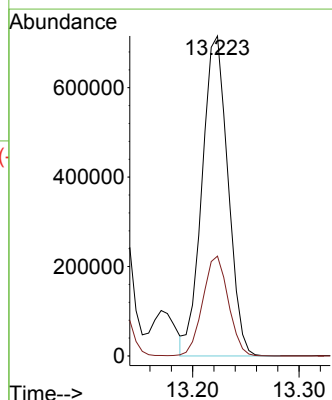
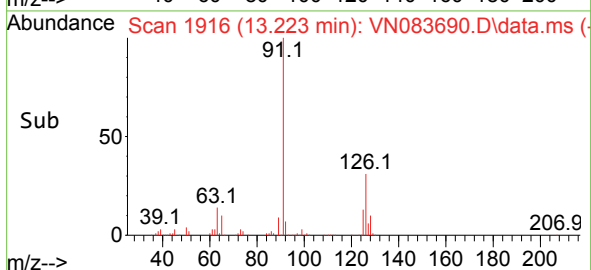
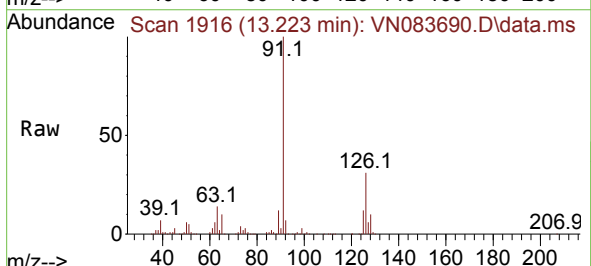


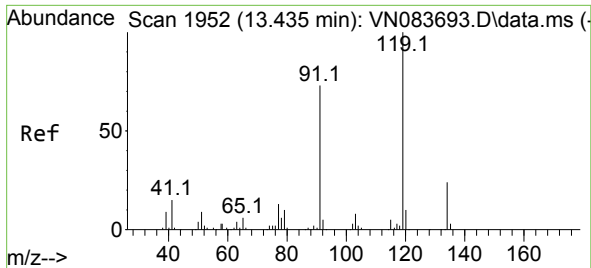
Tgt Ion: 75 Resp: 179987
Ion Ratio Lower Upper
75 100
53 104.0 45.9 137.7
89 47.1 25.9 77.7



#78
4-Chlorotoluene
Concen: 152.299 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 91 Resp: 1207880
Ion Ratio Lower Upper
91 100
126 30.9 0.0 62.8

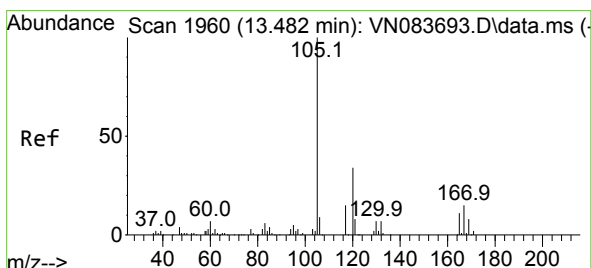
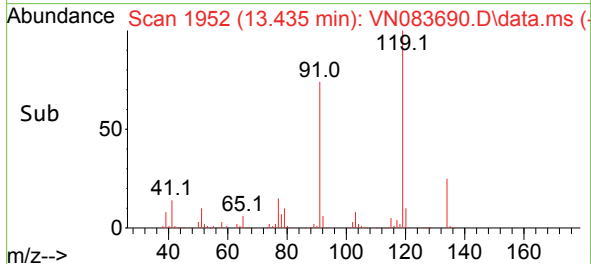
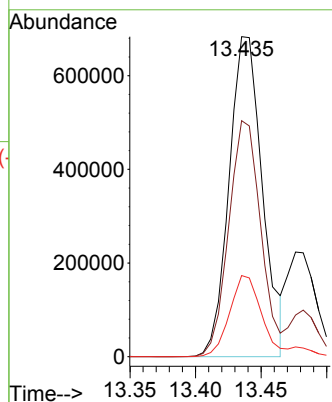
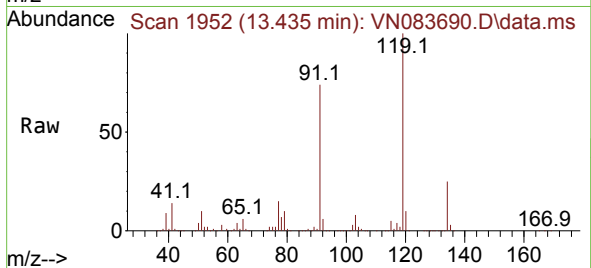




#79
tert-butylbenzene
Concen: 154.725 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

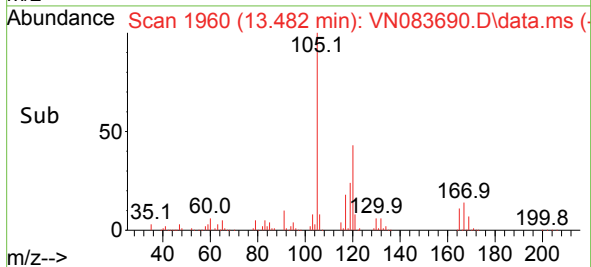
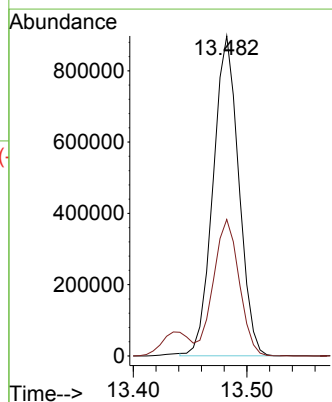
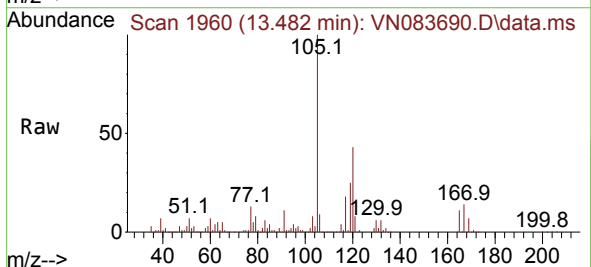
Instrument :
MSVOA_N
ClientSampleId :

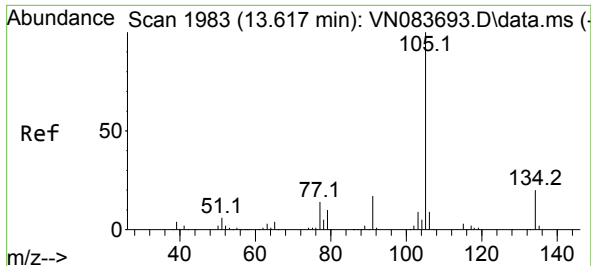
Tgt Ion:119 Resp: 1209753
Ion Ratio Lower Upper
119 100
91 70.8 0.0 138.8
134 24.3 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 155.573 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:105 Resp: 1405691
Ion Ratio Lower Upper
105 100
120 43.1 0.0 86.8

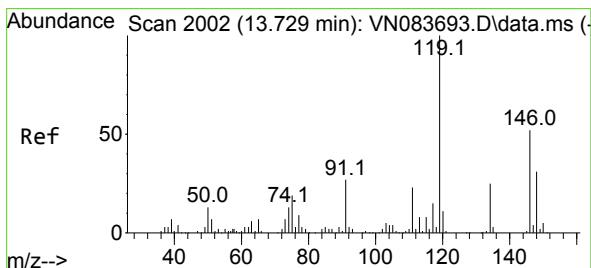
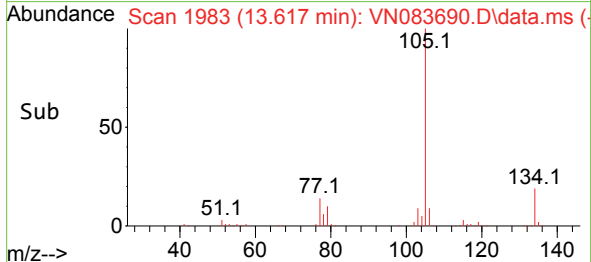
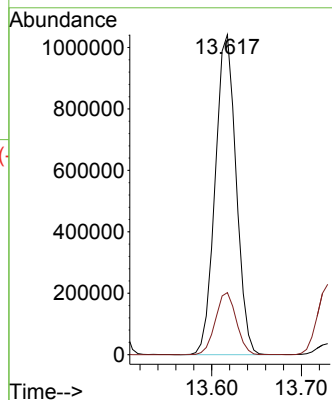
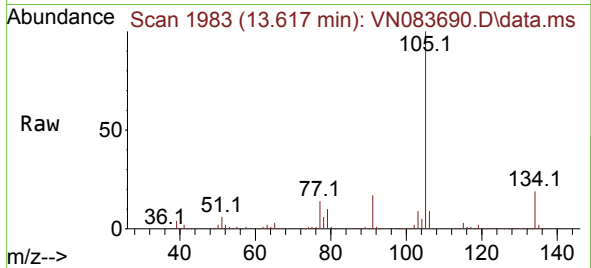




#81
 sec-Butylbenzene
 Concen: 157.897 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

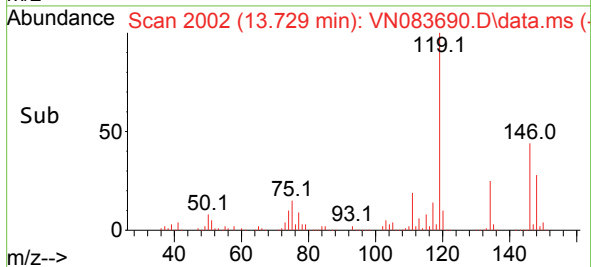
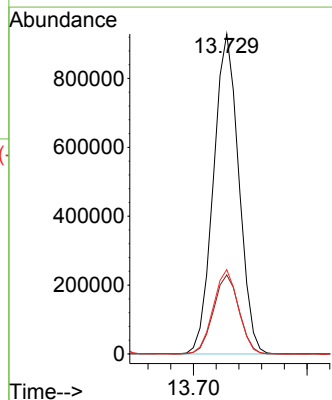
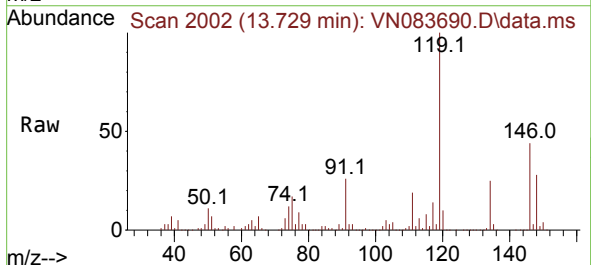
Instrument :
 MSVOA_N
 ClientSampleId :

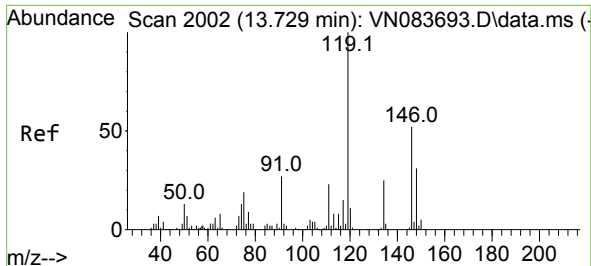
Tgt Ion:105 Resp: 1686510
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 160.303 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083690.D
 Acq: 06 Sep 2024 11:58

Tgt Ion:119 Resp: 1440587
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 49.2
 91 26.1 0.0 48.8

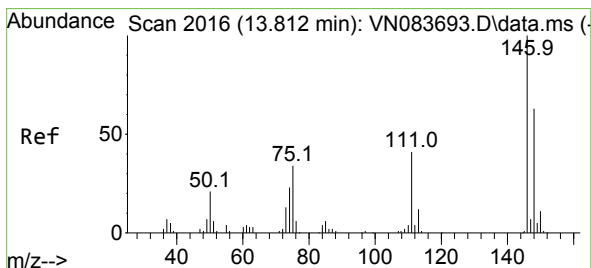
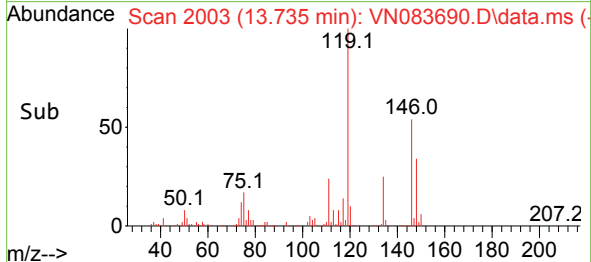
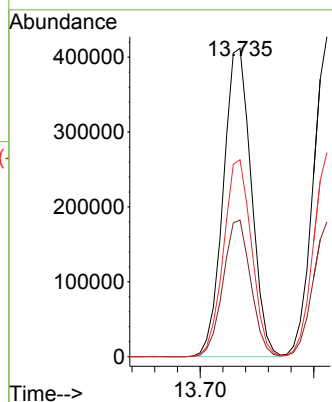
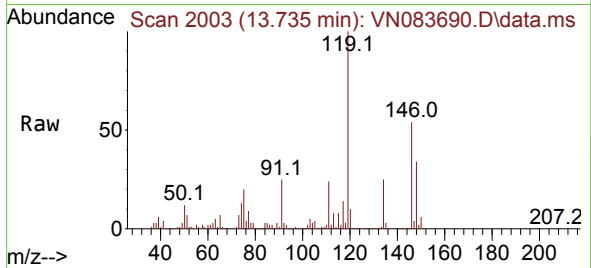




#83
1,3-Dichlorobenzene
Concen: 149.009 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

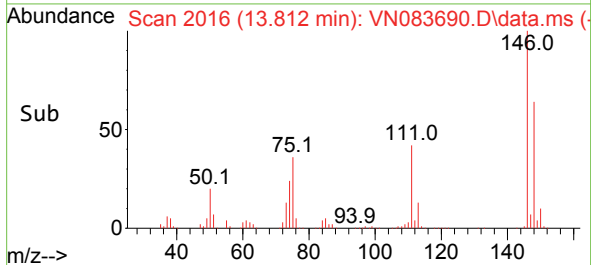
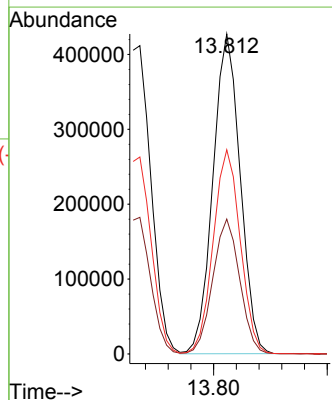
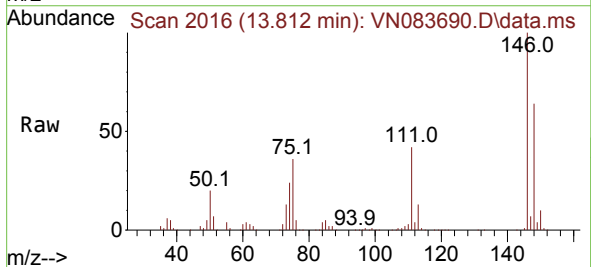
Instrument :
MSVOA_N
ClientSampleId :

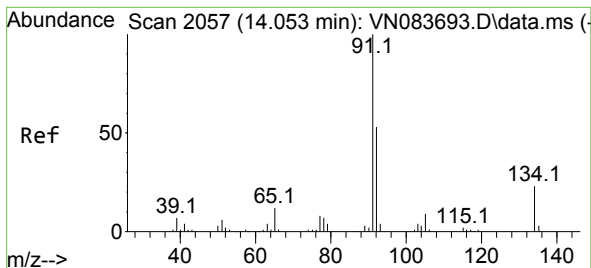
Tgt Ion:146 Resp: 705097
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 63.9 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 150.244 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion:146 Resp: 710765
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.7 31.9 95.5

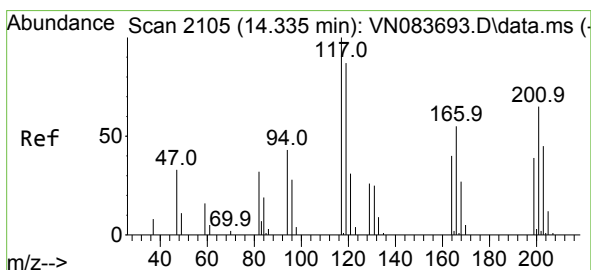
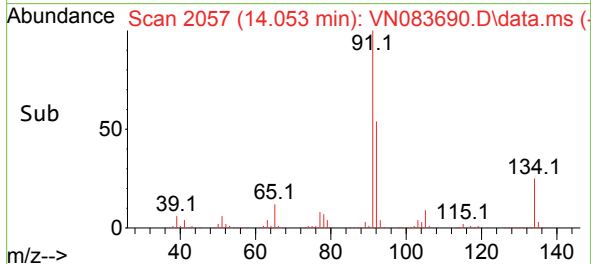
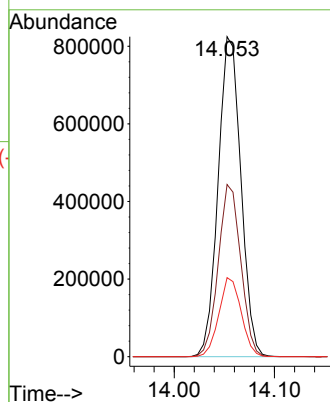
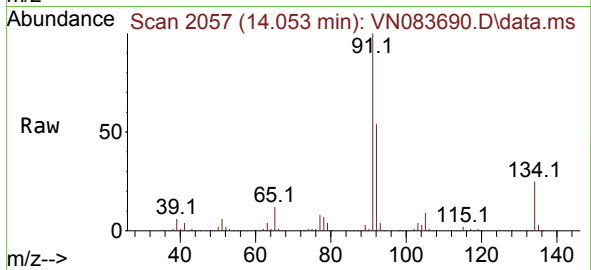




#85
n-Butylbenzene
Concen: 163.904 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

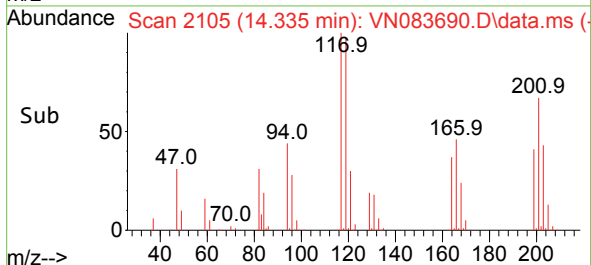
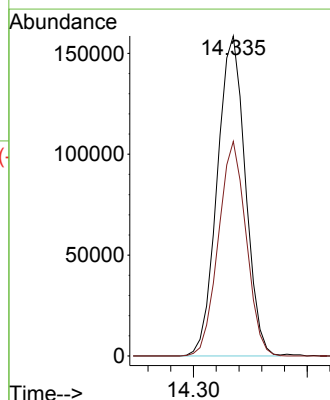
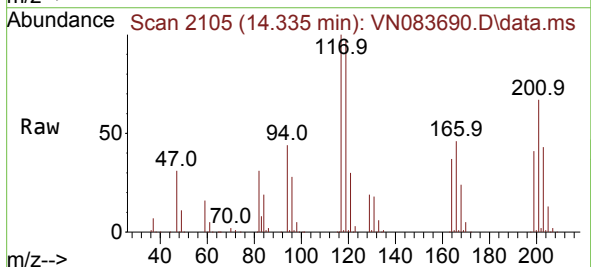
Instrument :
MSVOA_N
ClientSampleId :

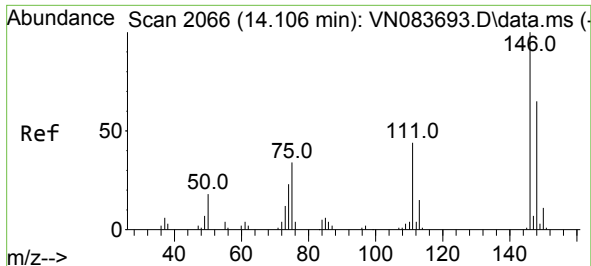
Tgt Ion: 91 Resp: 1299816
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.0
134 24.2 0.0 51.8



#86
Hexachloroethane
Concen: 160.011 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083690.D
Acq: 06 Sep 2024 11:58

Tgt Ion: 117 Resp: 272497
Ion Ratio Lower Upper
117 100
201 66.2 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 153.162 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

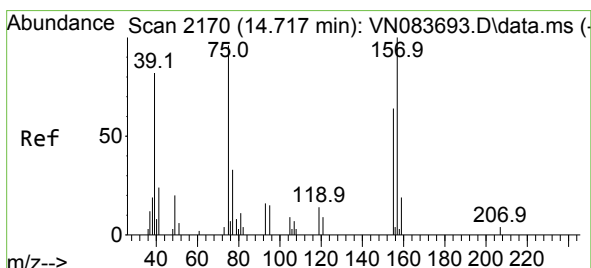
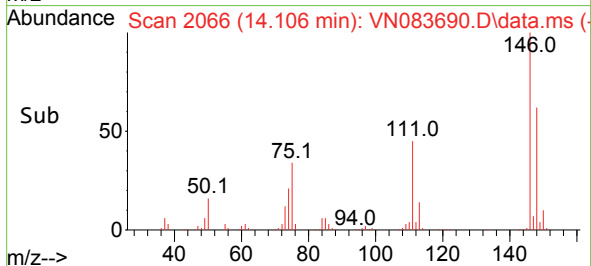
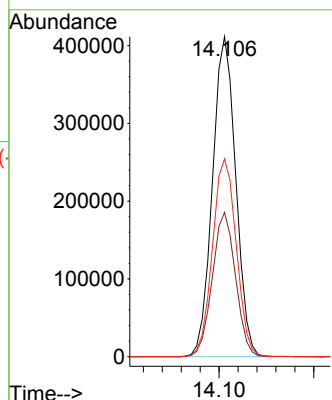
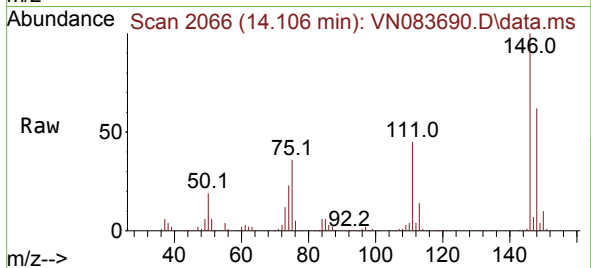
Tgt Ion:146 Resp: 703368

Ion Ratio Lower Upper

146 100

111 44.9 22.6 67.8

148 63.2 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 155.862 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

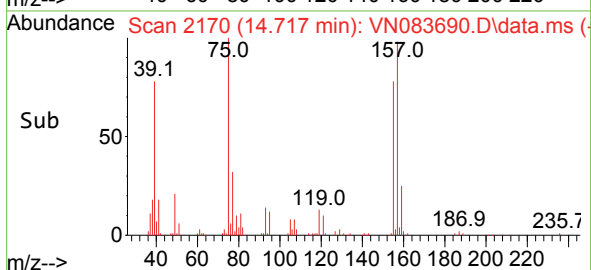
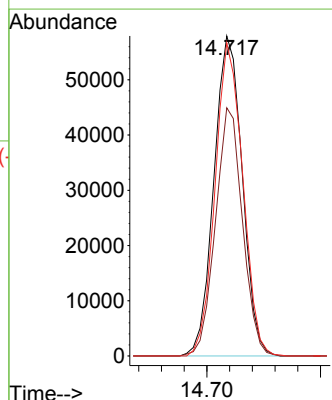
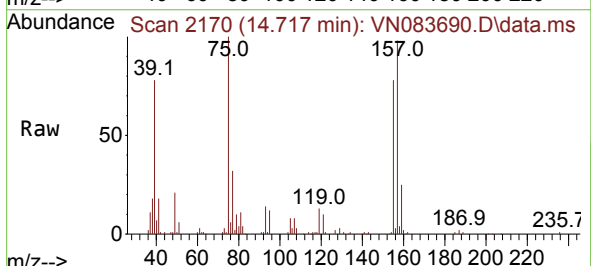
Tgt Ion: 75 Resp: 100140

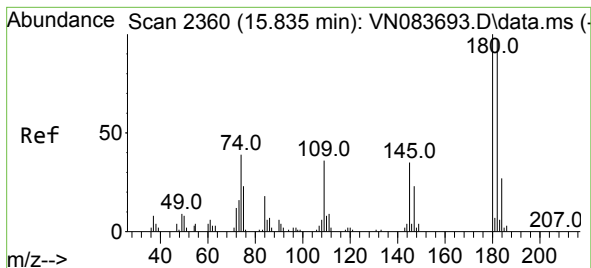
Ion Ratio Lower Upper

75 100

155 74.1 61.7 92.5

157 95.5 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 153.353 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.006 min

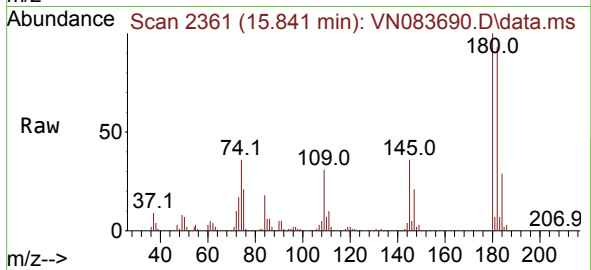
Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :



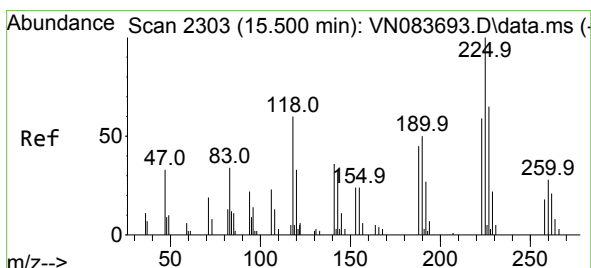
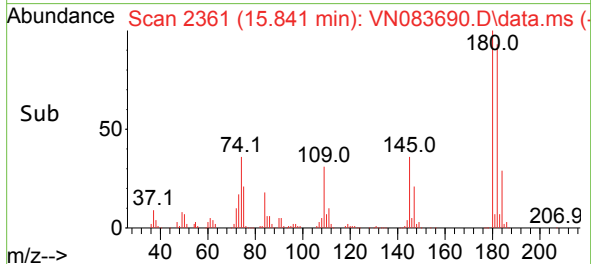
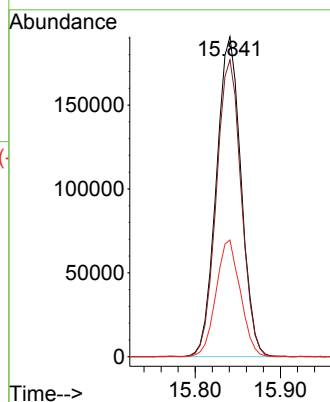
Tgt Ion:180 Resp: 385824

Ion Ratio Lower Upper

180 100

182 93.1 76.4 114.6

145 35.8 28.4 42.6



#90

Hexachlorobutadiene

Concen: 155.236 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

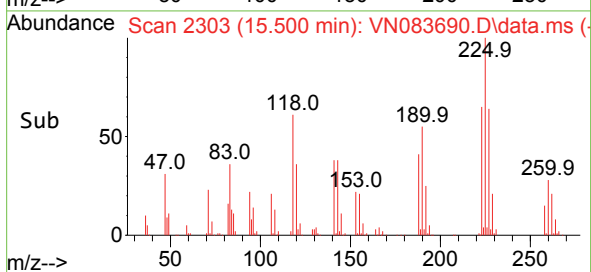
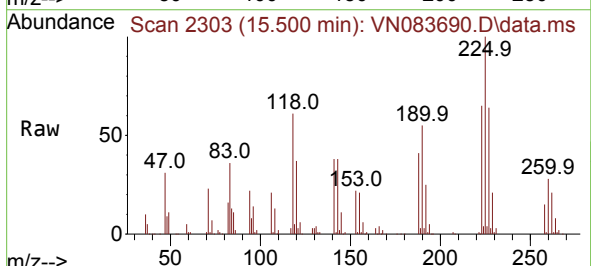
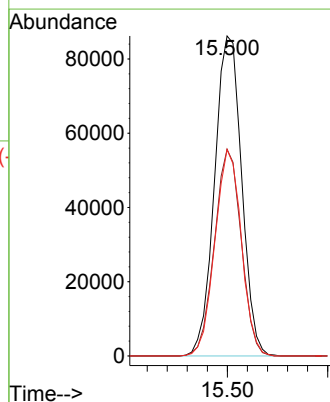
Tgt Ion:225 Resp: 161655

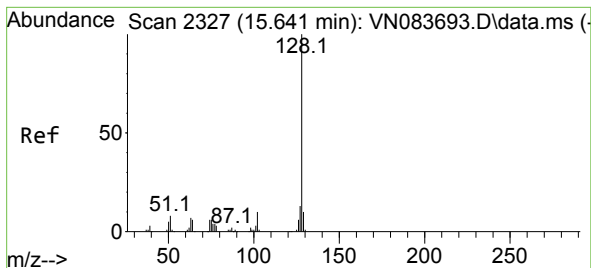
Ion Ratio Lower Upper

225 100

223 63.7 0.0 126.6

227 62.9 0.0 126.6





#91

Naphthalene

Concen: 155.538 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

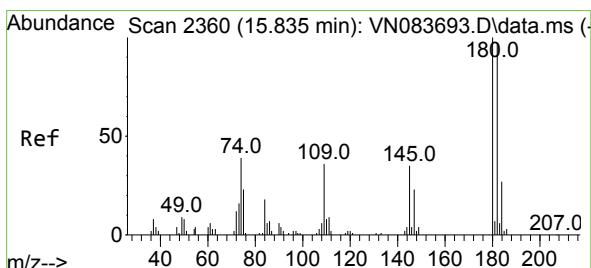
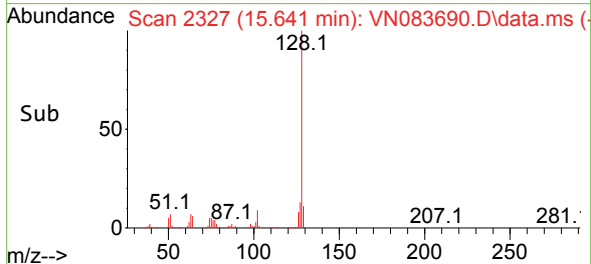
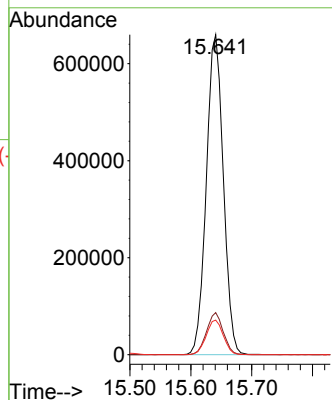
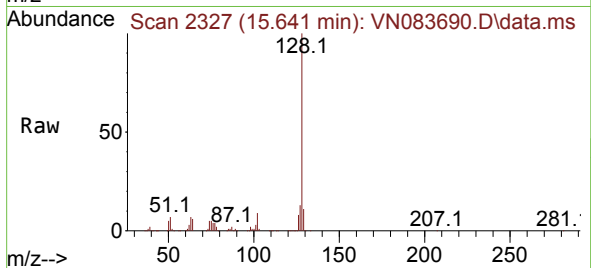
Tgt Ion:128 Resp: 1279331

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 153.353 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN083690.D

Acq: 06 Sep 2024 11:58

Tgt Ion:180 Resp: 385824

Ion Ratio Lower Upper

180 100

182 93.1 0.0 191.0

145 35.8 0.0 71.0

