

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083712.D
 Acq On : 09 Sep 2024 12:48
 Operator : JC\MD
 Sample : P3845-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 01:19:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	166592	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	148981	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	80172	31.180	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.933%	
60) 4-Bromofluorobenzene	12.847	95	76864	29.935	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.800%	
63) Toluene-d8	10.565	98	207330	30.055	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.167%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1648	0.842	ug/l #	85
4) Vinyl Chloride	2.512	62	69091	34.337	ug/l	97
5) Bromomethane	2.900	94	51735	46.019	ug/l	98
6) Chloroethane	3.136	64	427	0.317	ug/l #	41
14) Acrylonitrile	5.788	53	3293	3.859	ug/l #	18
15) Acetone	4.430	58	10947	38.675	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	186023	102.660	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	44392	20.129	ug/l	97
23) tert-Butyl Alcohol	5.783	59	10949	34.968	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	458211	73.751	ug/l #	88
25) Chloroform	7.965	83	85779	22.897	ug/l	96
29) 1,1-Dichloropropene	8.600	75	6401	2.422	ug/l #	1
30) 2-Butanone	7.482	43	107107	85.989	ug/l	94
33) Carbon Tetrachloride	7.959	117	634	0.207	ug/l #	22
34) Benzene	8.600	78	322886	40.726	ug/l	97
35) Methacrylonitrile	7.494	41	763	0.545	ug/l #	36
36) 1,2-Dichloroethane	8.671	62	411494	138.060	ug/l	95
37) Trichloroethene	9.353	130	106906	57.422	ug/l	96
38) Methylcyclohexane	9.347	83	1374	0.434	ug/l #	1
39) 1,2-Dichloropropane	9.618	63	39928	20.925	ug/l	95
40) Dibromomethane	9.712	93	20453	14.659	ug/l	96
41) Bromodichloromethane	9.888	83	274291	92.451	ug/l	98
45) 1,4-Dioxane	9.876	88	59	1.744	ug/l #	24
46) Methyl methacrylate	9.623	41	25864	12.323	ug/l #	20
48) t-1,3-Dichloropropene	10.835	75	315419	101.072	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	337464	103.977	ug/l #	84
51) Ethyl methacrylate	10.570	69	636	0.210	ug/l #	72
52) 1,3-Dichloropropane	10.835	76	11003	3.432	ug/l	98
53) Dibromochloromethane	11.359	129	63667	29.899	ug/l	97
54) 1,2-Dibromoethane	11.465	107	74791	40.722	ug/l	99
56) Bromoform	12.576	173	96187	71.100	ug/l #	97
58) 4-Methyl-2-Pentanone	10.376	43	740	0.313	ug/l #	1
62) Toluene	10.629	91	839936	98.086	ug/l	100
64) Chlorobenzene	11.888	112	242728	45.783	ug/l	99
66) Ethyl Benzene	11.964	91	838967	86.153	ug/l	99
67) m/p-Xylenes	12.070	106	94768	26.452	ug/l	97
68) o-Xylene	12.394	106	381963	110.157	ug/l	97
69) Styrene	12.412	104	594560	101.482	ug/l	98
71) 1,1,2,2-Tetrachloroethane	13.000	83	6894	2.758	ug/l #	88

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

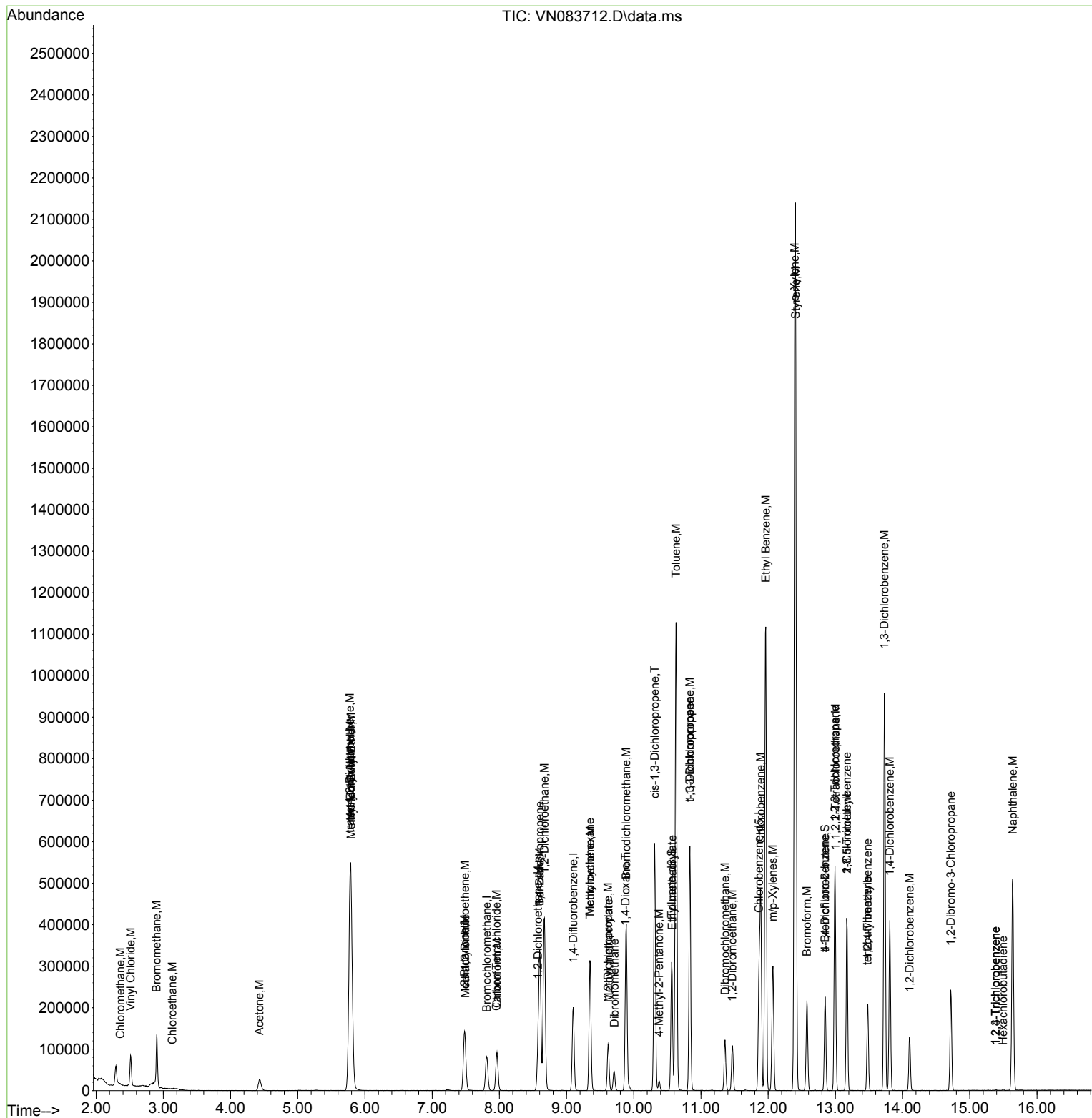
72) 1,2,3-Trichloropropane	12.994	75	223815	102.142	ug/l	1
75) 2-Chlorotoluene	13.170	91	26577	3.975	ug/l #	44
76) 1,3,5-Trimethylbenzene	13.170	105	232418	30.407	ug/l	98
77) t-1,4-Dichloro-2-butene	12.847	75	43568	47.040	ug/l #	12
79) tert-butylbenzene	13.476	119	13620	2.038	ug/l #	61
80) 1,2,4-Trimethylbenzene	13.482	105	118401	15.329	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	380935	94.170	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	158714	39.245	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	52672	13.417	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	65947	120.069	ug/l	92
89) 1,2,4-Trichlorobenzene	15.388	180	612	0.285	ug/l	83
90) Hexachlorobutadiene	15.494	225	637	0.716	ug/l	91
91) Naphthalene	15.641	128	465664	66.226	ug/l	99
92) 1,2,3-Trichlorobenzene	15.388	180	612	0.285	ug/l	83

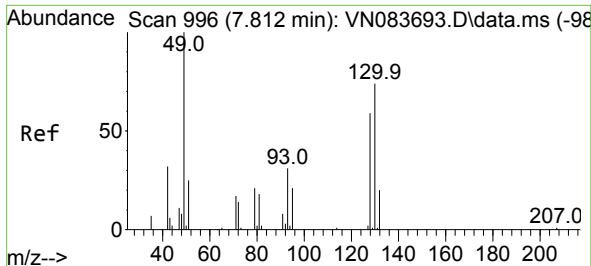
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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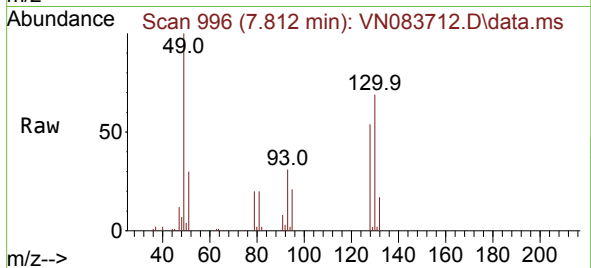
Quant Time: Sep 10 01:19:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
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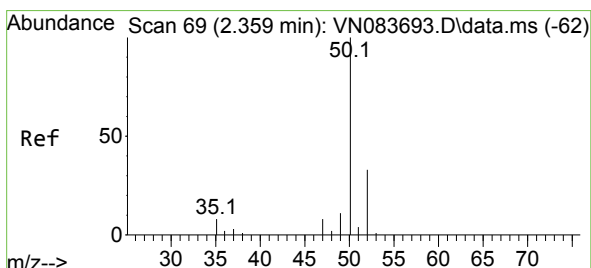
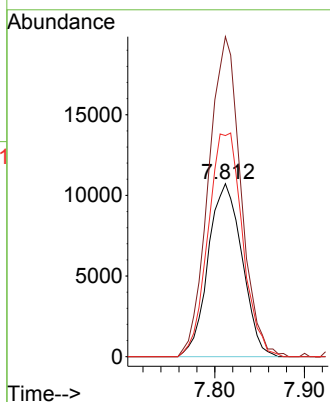
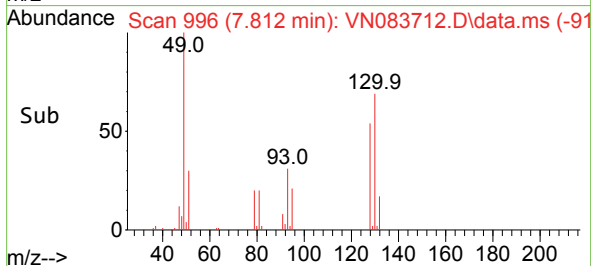


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

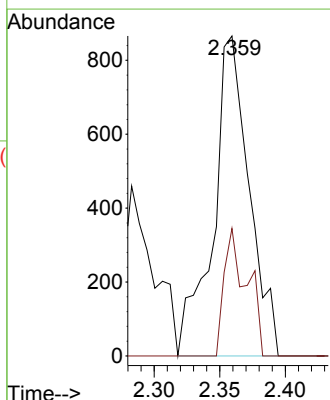
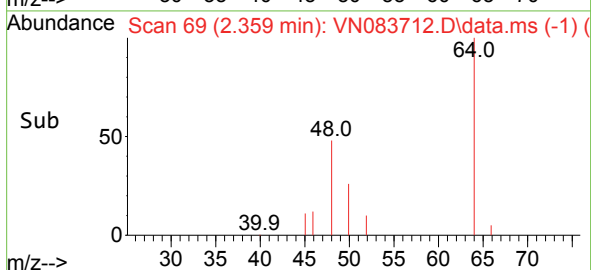
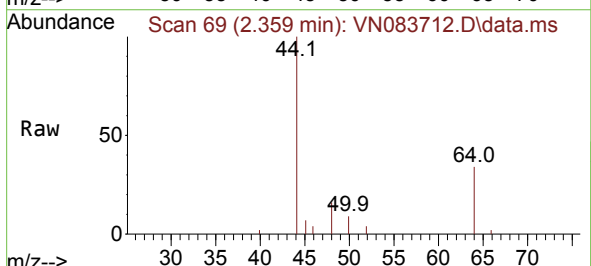


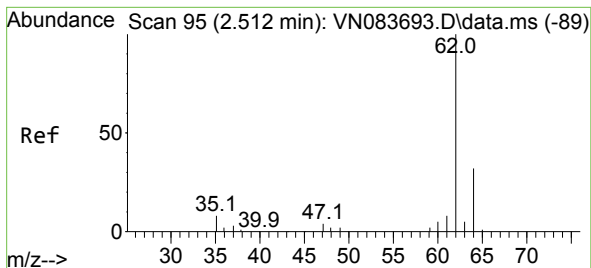
Tgt Ion:128 Resp: 28130
Ion Ratio Lower Upper
128 100
49 176.4 0.0 403.7
130 131.4 0.0 323.3



#3
Chloromethane
Concen: 0.842 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 50 Resp: 1648
Ion Ratio Lower Upper
50 100
52 39.8 25.4 38.0#





#4

Vinyl Chloride

Concen: 34.337 ug/l

RT: 2.512 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

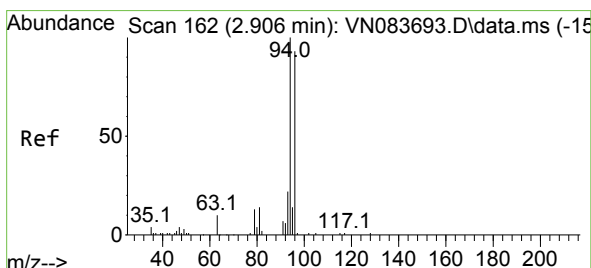
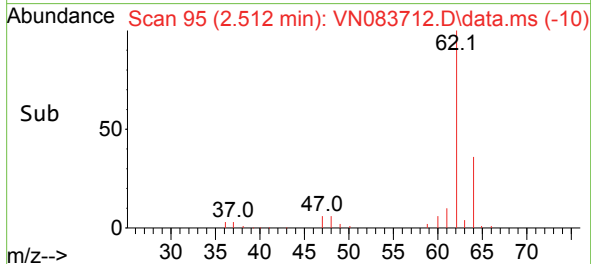
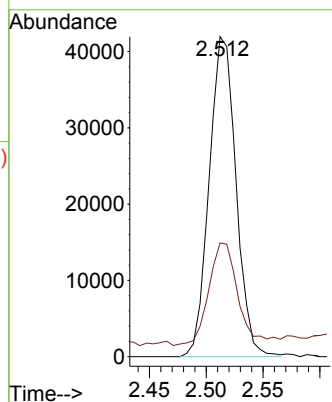
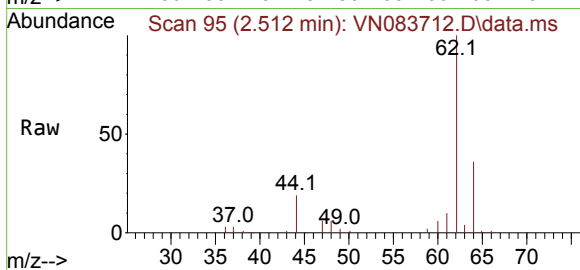
ClientSampleId :

Tgt Ion: 62 Resp: 69091

Ion Ratio Lower Upper

62 100

64 31.6 24.1 36.1



#5

Bromomethane

Concen: 46.019 ug/l

RT: 2.900 min Scan# 161

Delta R.T. -0.006 min

Lab File: VN083712.D

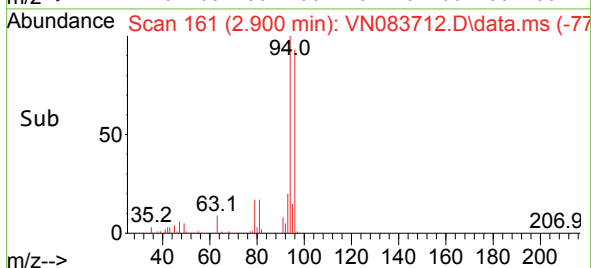
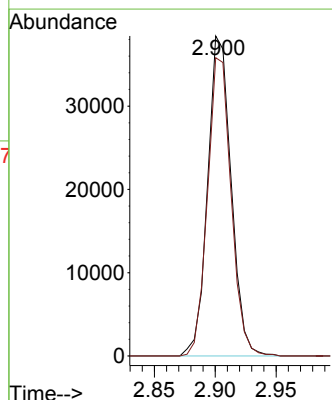
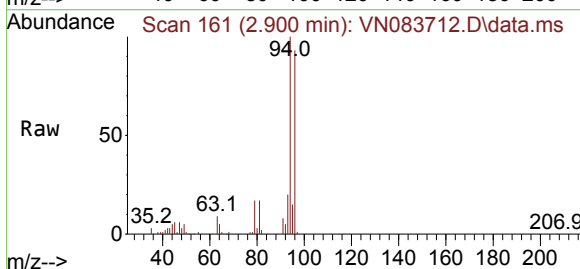
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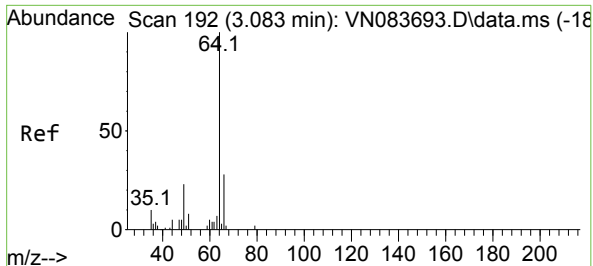
Tgt Ion: 94 Resp: 51735

Ion Ratio Lower Upper

94 100

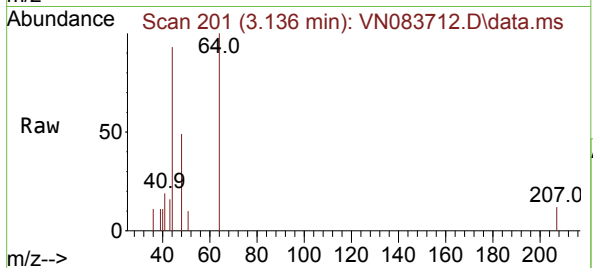
96 93.2 72.8 109.2



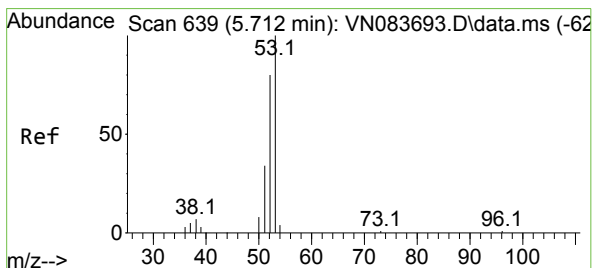
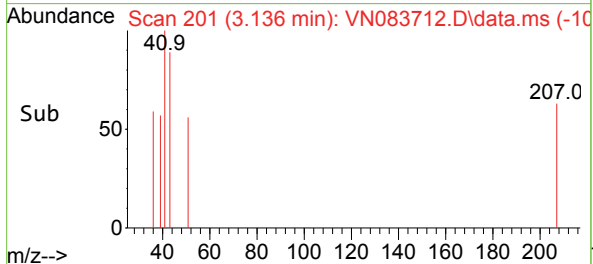
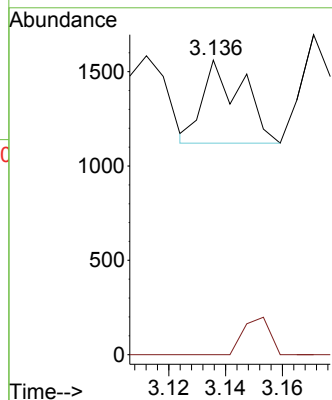


#6
Chloroethane
Concen: 0.317 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.053 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

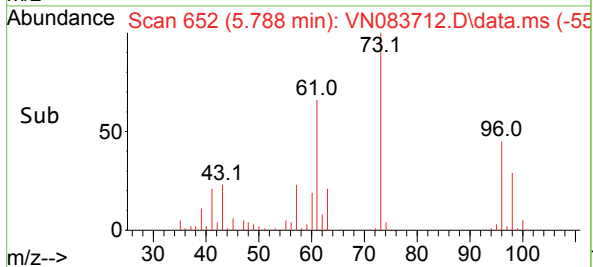
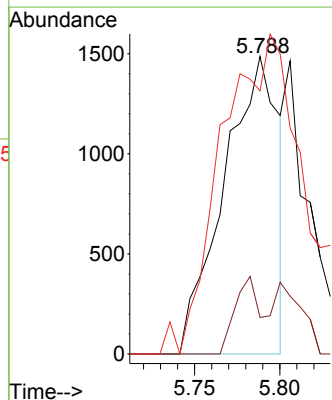
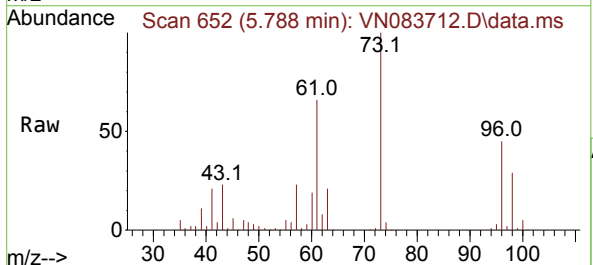


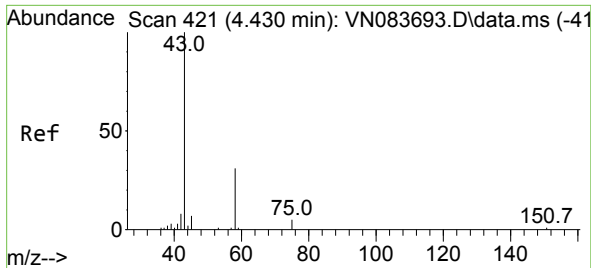
Tgt Ion: 64 Resp: 427
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#14
Acrylonitrile
Concen: 3.859 ug/l
RT: 5.788 min Scan# 652
Delta R.T. 0.076 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 53 Resp: 3293
Ion Ratio Lower Upper
53 100
52 11.1 41.3 123.9#
51 82.8 16.8 50.3#





#15

Acetone

Concen: 38.675 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

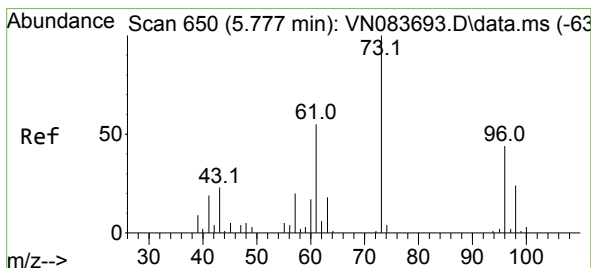
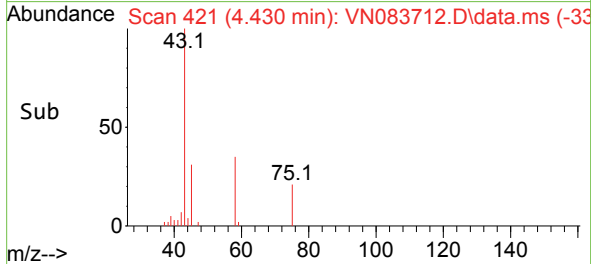
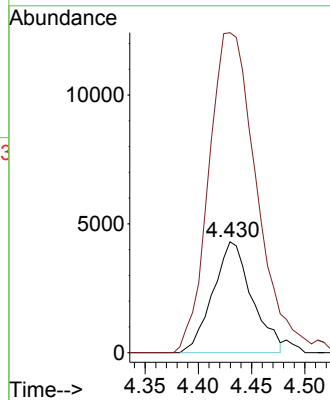
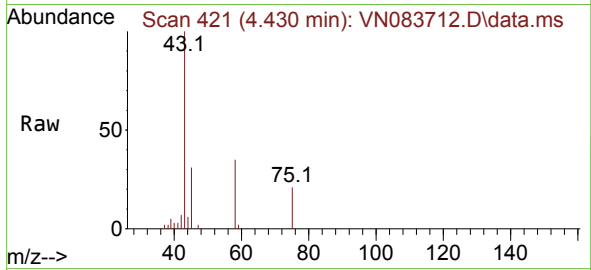
ClientSampleId :

Tgt Ion: 58 Resp: 10947

Ion Ratio Lower Upper

58 100

43 283.2 223.1 334.7



#19

trans-1,2-Dichloroethene

Concen: 102.660 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

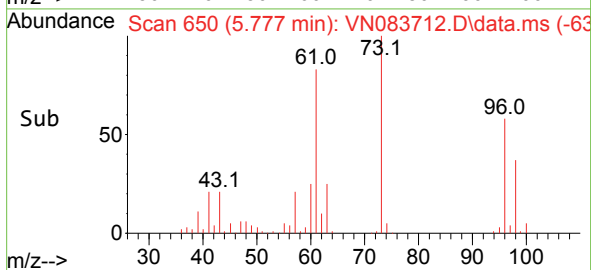
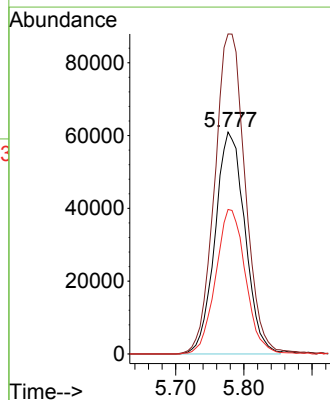
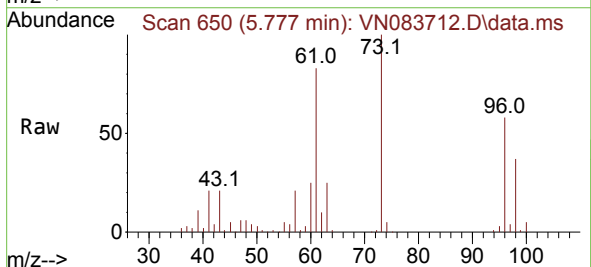
Tgt Ion: 96 Resp: 186023

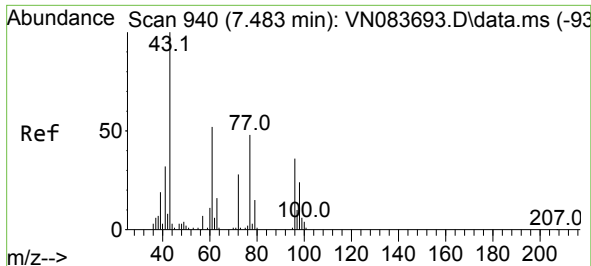
Ion Ratio Lower Upper

96 100

61 144.0 111.8 167.6

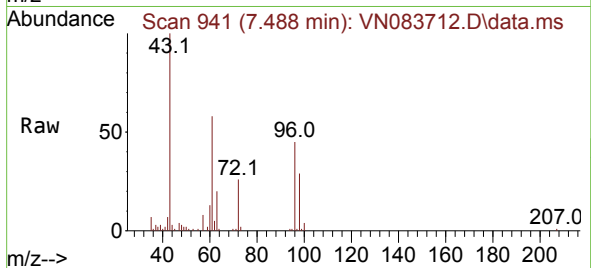
98 65.1 49.2 73.8



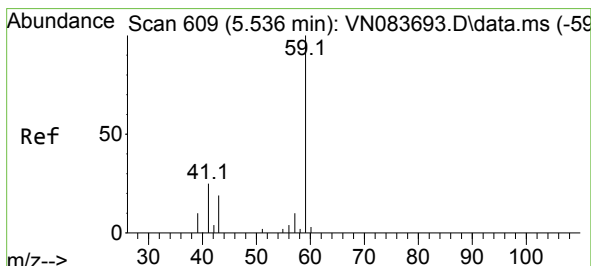
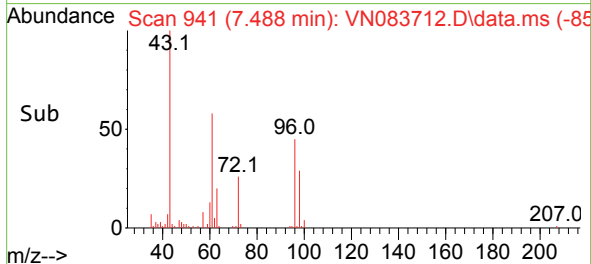
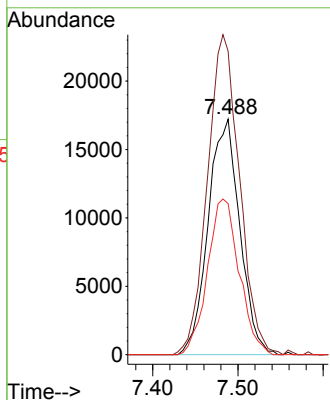


#22
 cis-1,2-Dichloroethene
 Concen: 20.129 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

Instrument :
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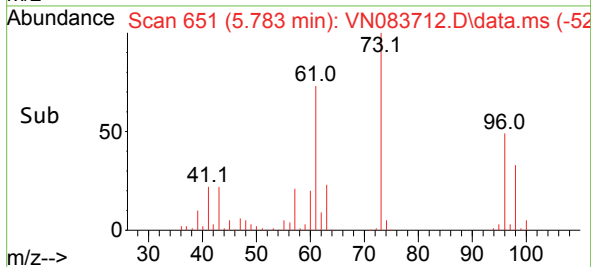
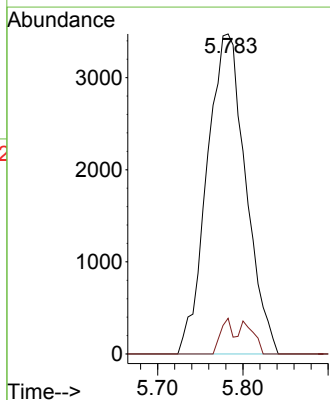
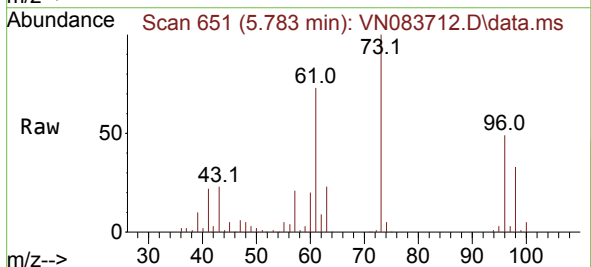


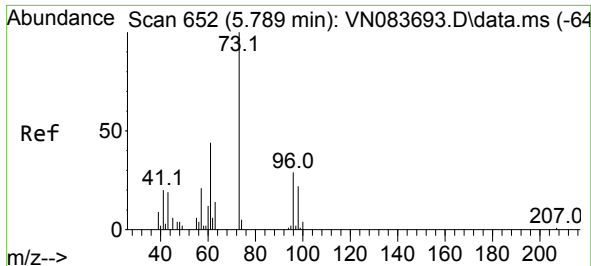
Tgt Ion: 96 Resp: 44392
 Ion Ratio Lower Upper
 96 100
 61 137.8 113.5 170.3
 98 66.3 52.0 78.0



#23
 tert-Butyl Alcohol
 Concen: 34.968 ug/l
 RT: 5.783 min Scan# 651
 Delta R.T. 0.247 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

Tgt Ion: 59 Resp: 10949
 Ion Ratio Lower Upper
 59 100
 52 3.3 0.0 0.0#

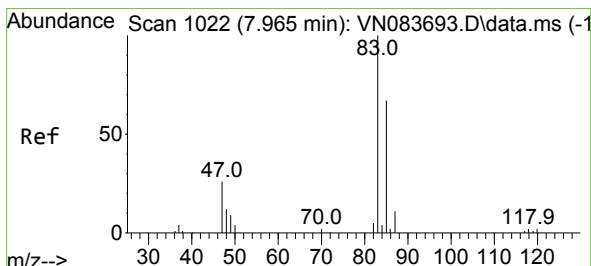
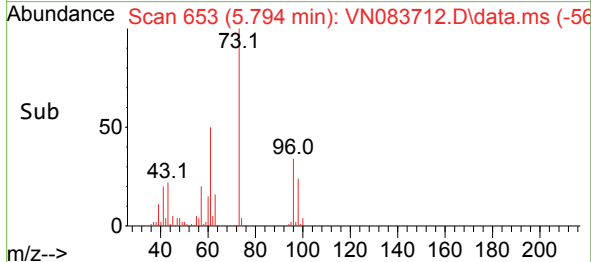
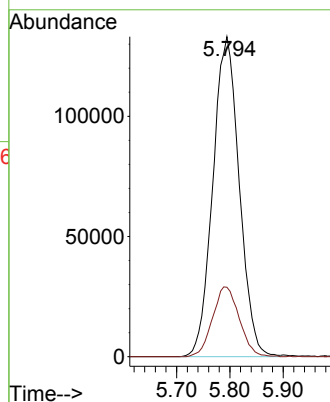
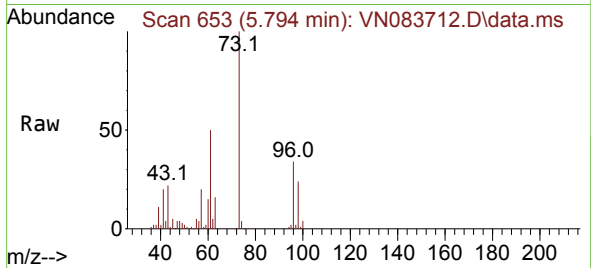




#24
Methyl tert-Butyl Ether
Concen: 73.751 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

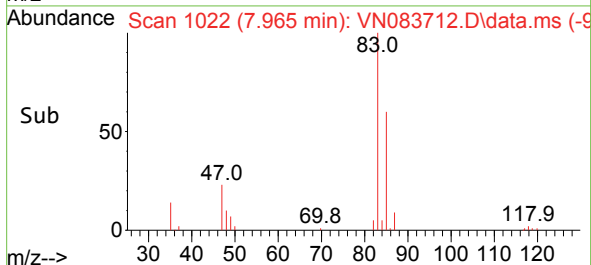
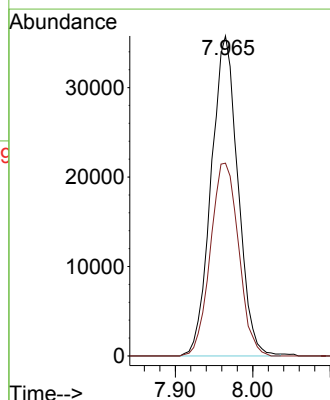
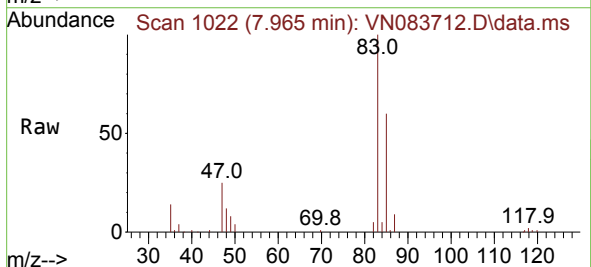
Instrument :
MSVOA_N
ClientSampleId :

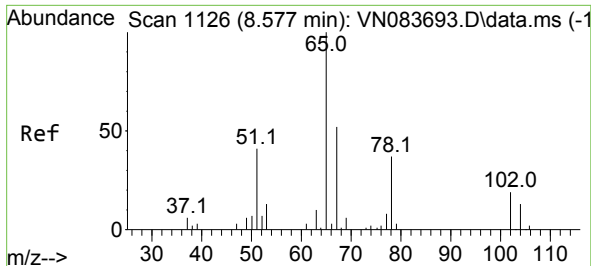
Tgt Ion: 73 Resp: 458211
Ion Ratio Lower Upper
73 100
43 22.1 13.4 20.2#



#25
Chloroform
Concen: 22.897 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 83 Resp: 85779
Ion Ratio Lower Upper
83 100
85 60.3 50.9 76.3

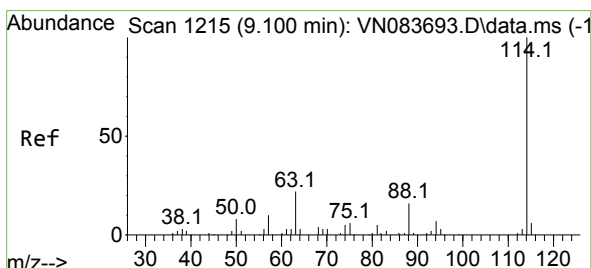
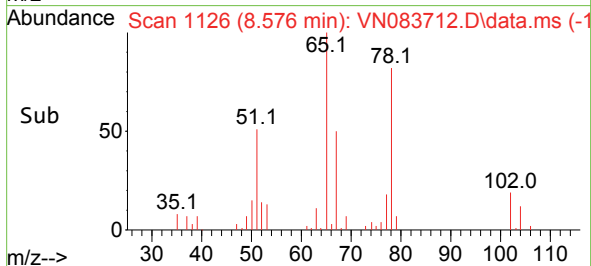
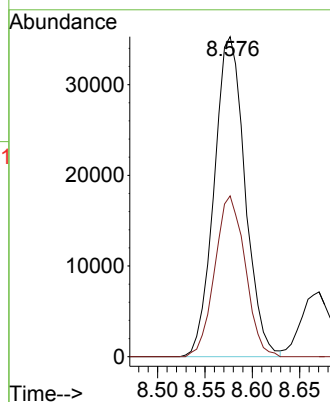
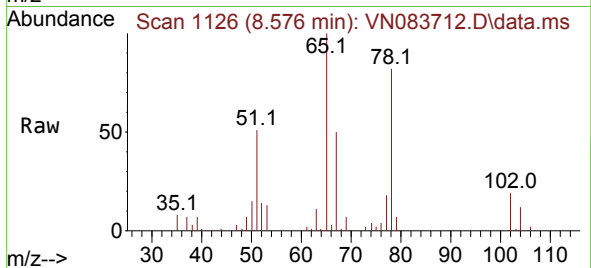




#27
1,2-Dichloroethane-d4
Concen: 31.180 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

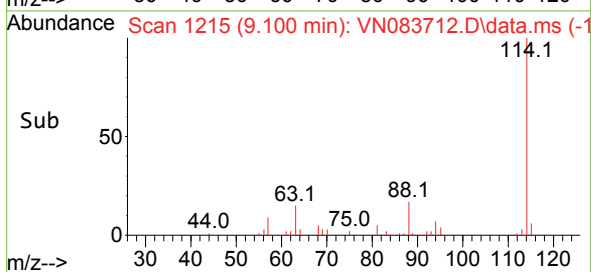
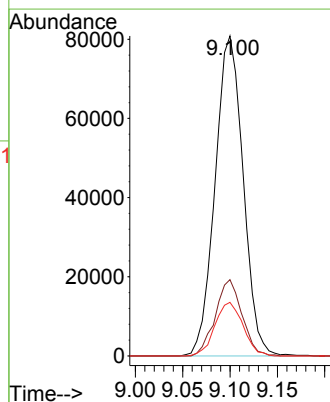
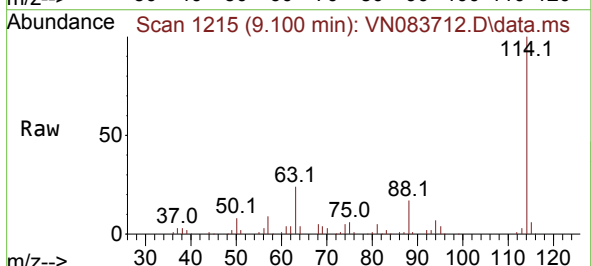
Instrument :
MSVOA_N
ClientSampleId :

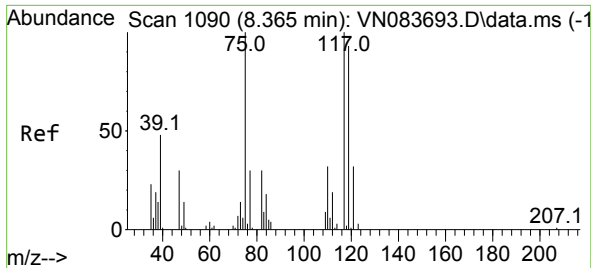
Tgt Ion: 65 Resp: 80172
Ion Ratio Lower Upper
65 100
67 49.3 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 114 Resp: 166592
Ion Ratio Lower Upper
114 100
63 22.7 15.9 23.9
88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 2.422 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.235 min

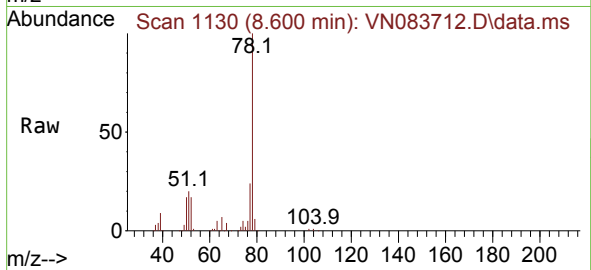
Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :



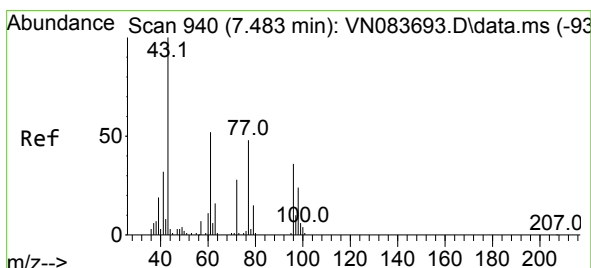
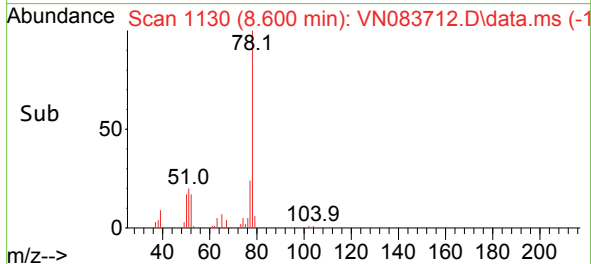
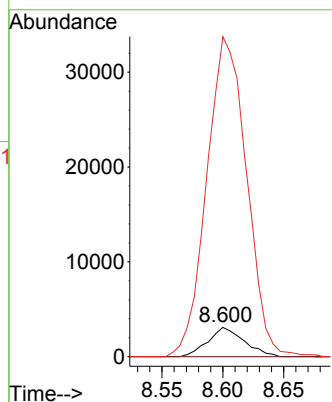
Tgt Ion: 75 Resp: 6401

Ion Ratio Lower Upper

75 100

110 0.0 0.0 70.2

77 1202.2 0.0 61.4#



#30

2-Butanone

Concen: 85.989 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

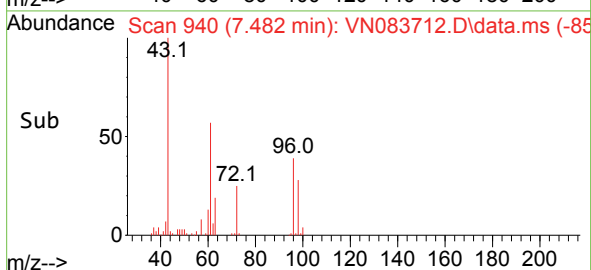
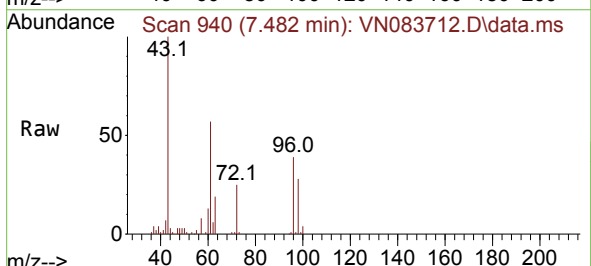
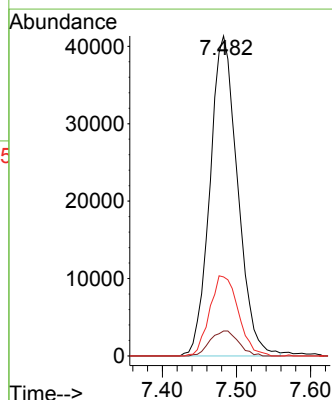
Tgt Ion: 43 Resp: 107107

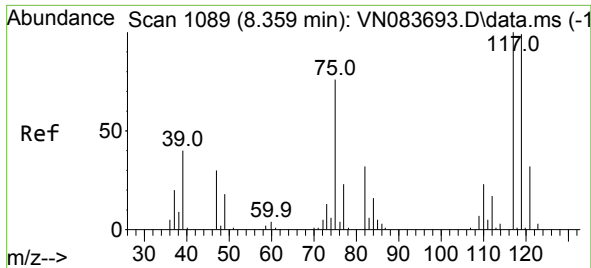
Ion Ratio Lower Upper

43 100

57 8.0 6.7 10.1

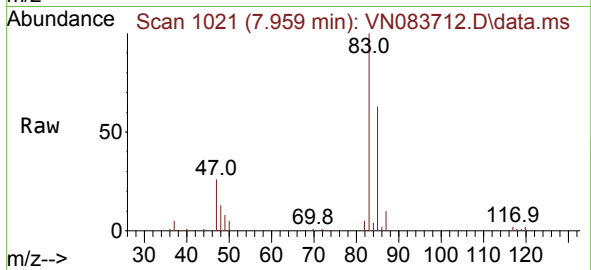
72 25.9 24.0 36.0



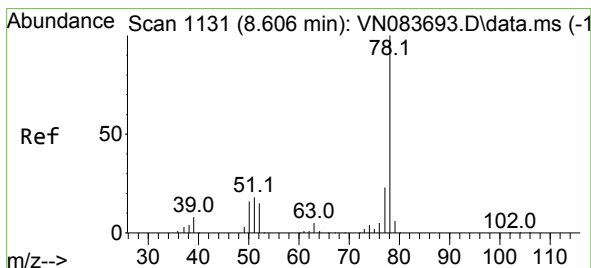
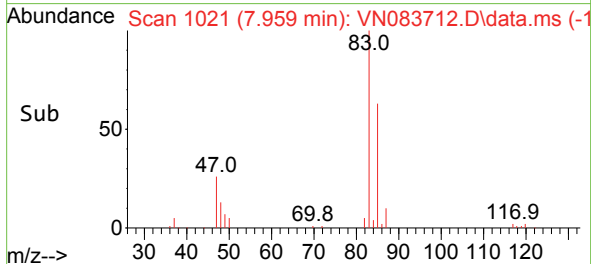
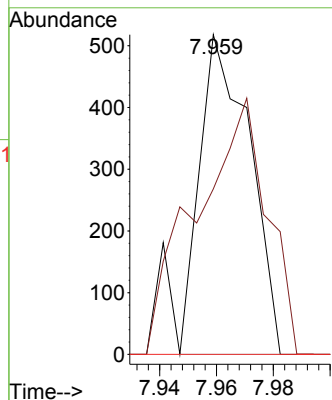


#33
Carbon Tetrachloride
Concen: 0.207 ug/l
RT: 7.959 min Scan# 110
Delta R.T. -0.400 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

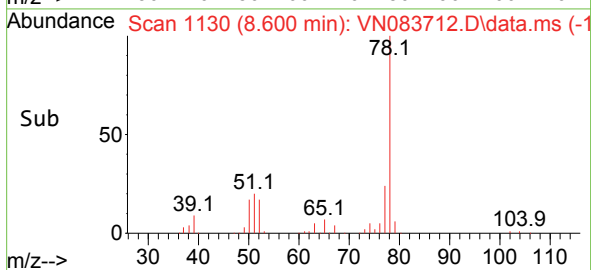
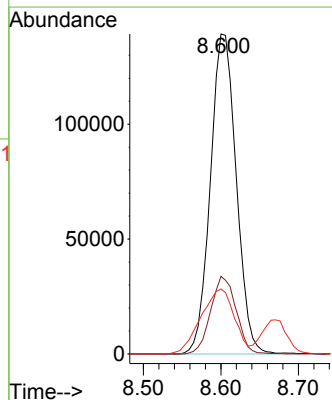
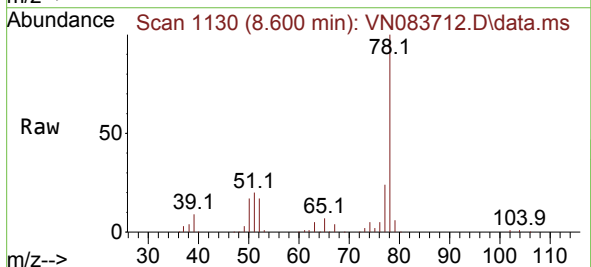


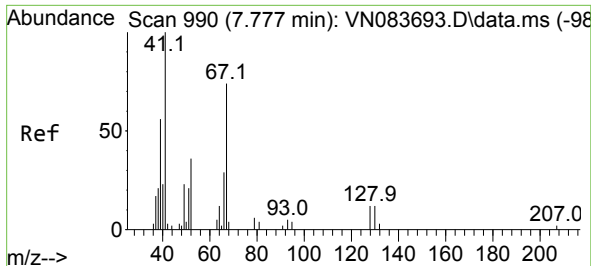
Tgt Ion:117 Resp: 634
Ion Ratio Lower Upper
117 100
119 13.3 77.7 116.5#
121 0.0 27.0 40.6#



#34
Benzene
Concen: 40.726 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

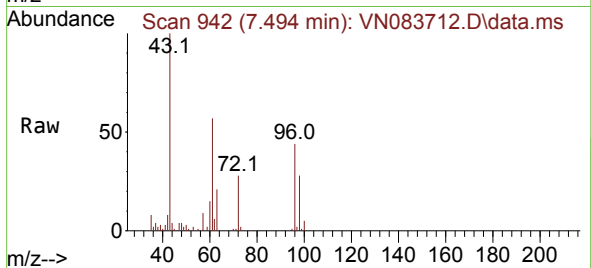
Tgt Ion: 78 Resp: 322886
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8
51 19.2 13.3 19.9



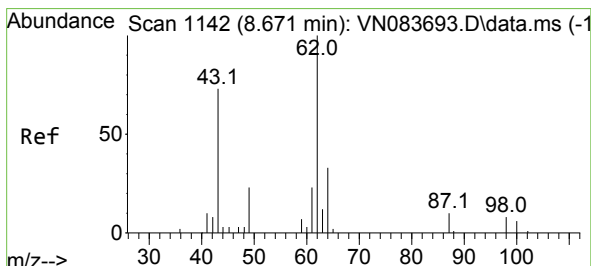
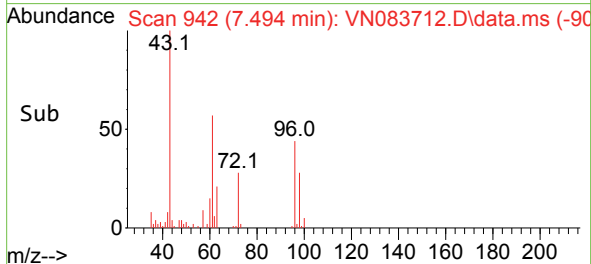
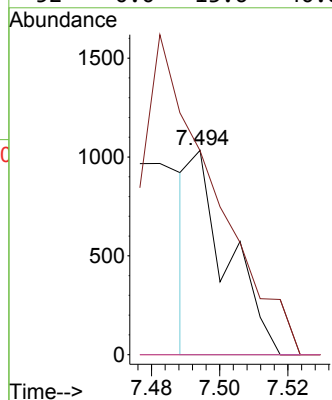


#35
Methacrylonitrile
Concen: 0.545 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.282 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

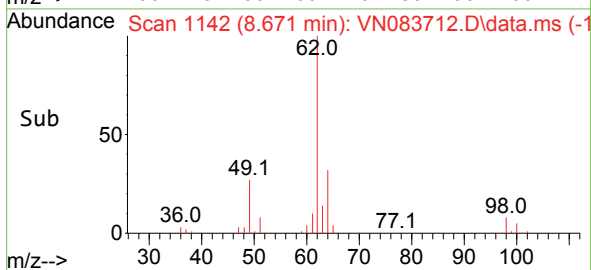
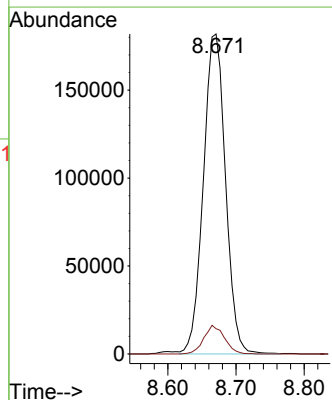
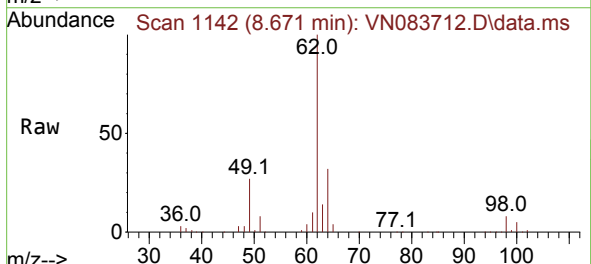


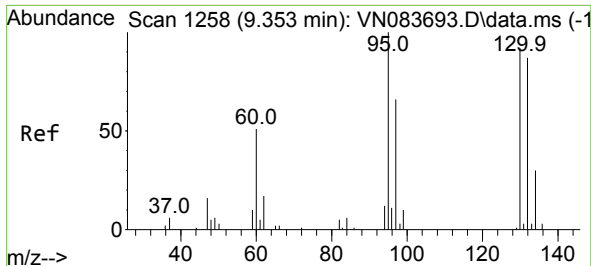
Tgt Ion:	41	Resp:	763
Ion	Ratio	Lower	Upper
41	100		
39	72.8	25.3	75.9
67	0.0	38.7	116.1#
52	0.0	13.6	40.8#



#36
1,2-Dichloroethane
Concen: 138.060 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion:	62	Resp:	411494
Ion	Ratio	Lower	Upper
62	100		
98	8.3	8.2	12.4





#37

Trichloroethene

Concen: 57.422 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

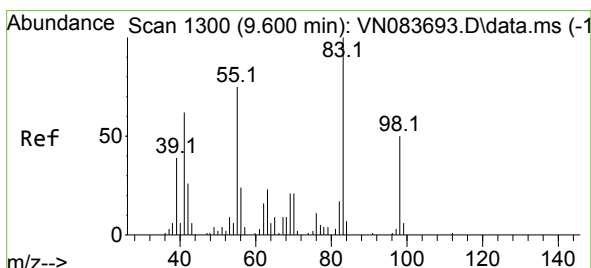
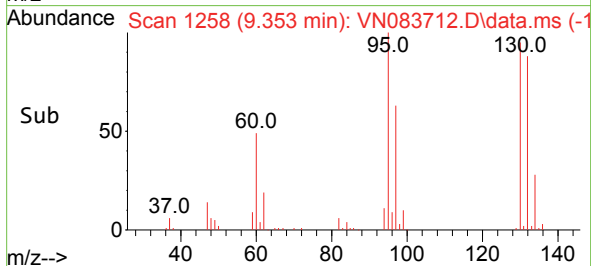
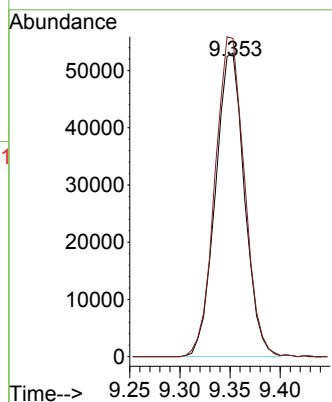
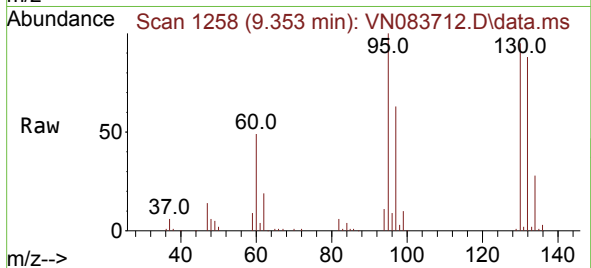
ClientSampleId :

Tgt Ion:130 Resp: 106906

Ion Ratio Lower Upper

130 100

95 104.8 80.2 120.4



#38

Methylcyclohexane

Concen: 0.434 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.253 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

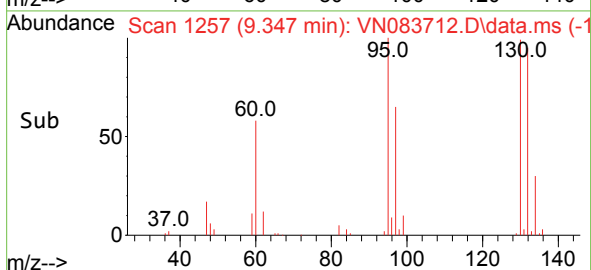
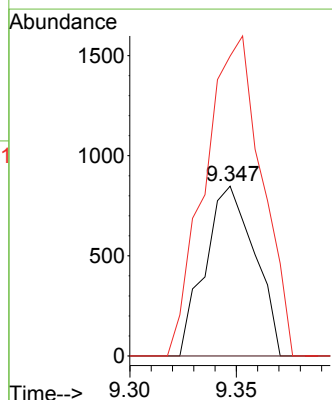
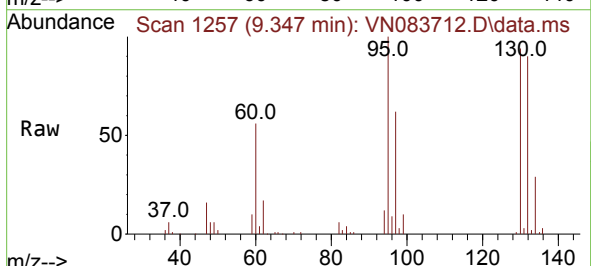
Tgt Ion: 83 Resp: 1374

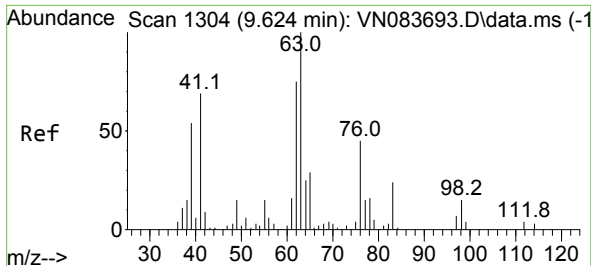
Ion Ratio Lower Upper

83 100

55 0.0 36.6 109.9#

98 216.9 23.8 71.5#





#39

1,2-Dichloropropane

Concen: 20.925 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

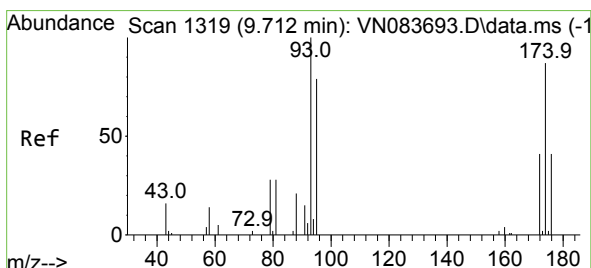
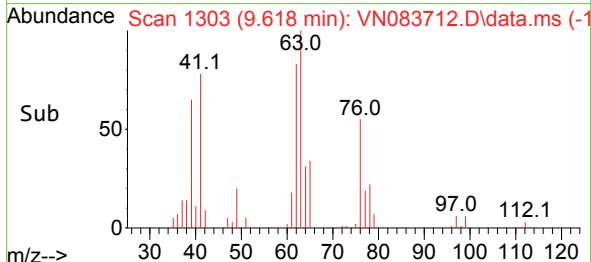
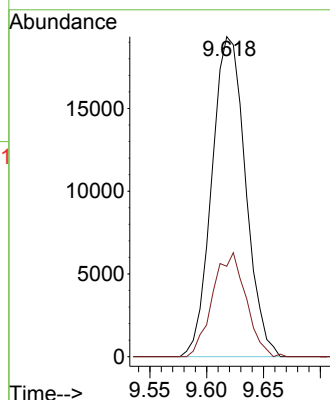
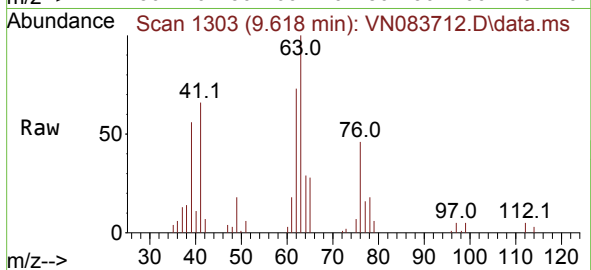
ClientSampleId :

Tgt Ion: 63 Resp: 39928

Ion Ratio Lower Upper

63 100

65 28.3 25.0 37.4



#40

Dibromomethane

Concen: 14.659 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

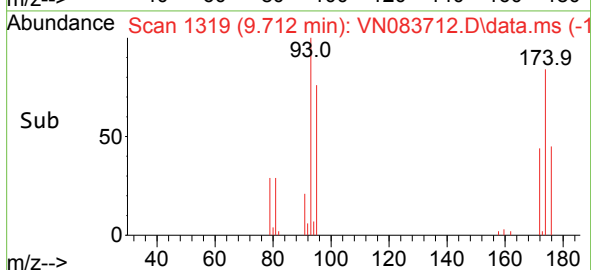
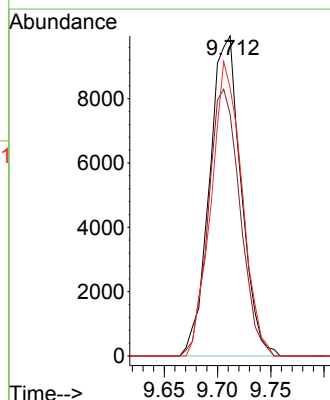
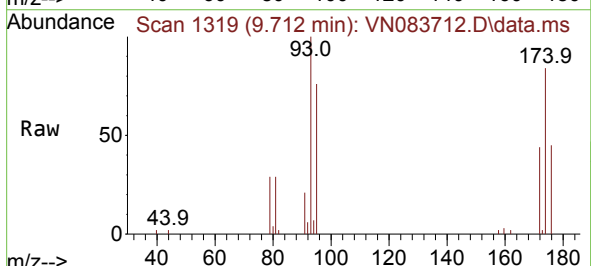
Tgt Ion: 93 Resp: 20453

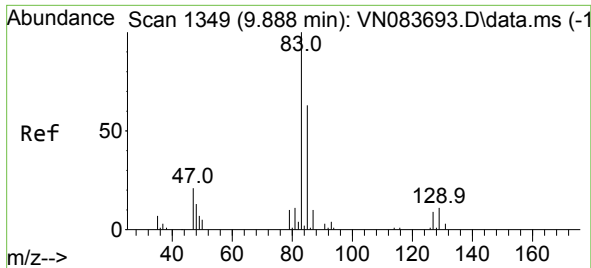
Ion Ratio Lower Upper

93 100

95 83.9 0.0 164.6

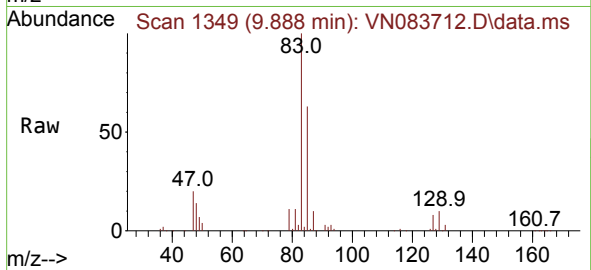
174 89.9 0.0 193.2



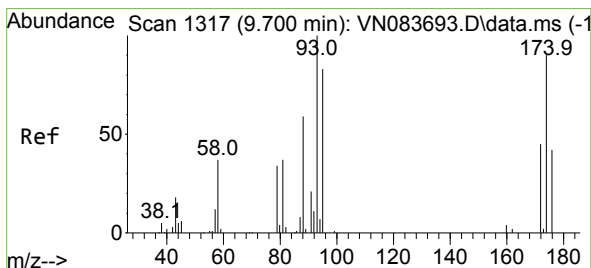
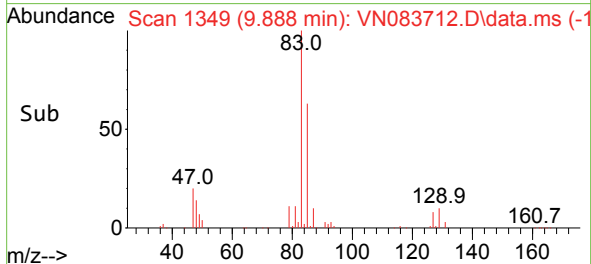
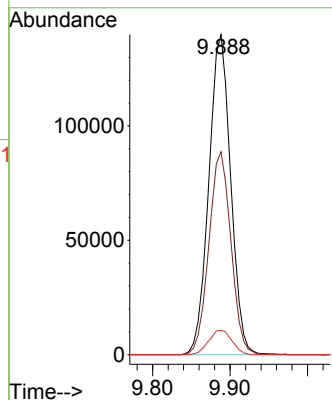


#41
Bromodichloromethane
Concen: 92.451 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

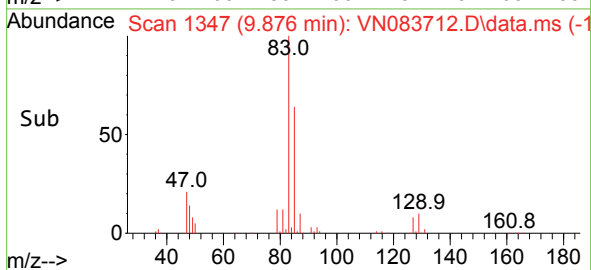
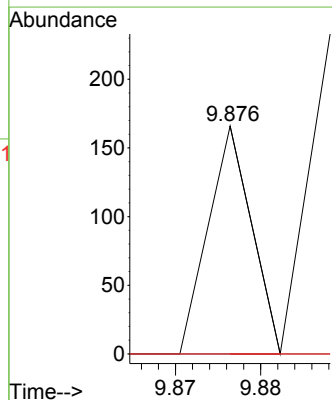
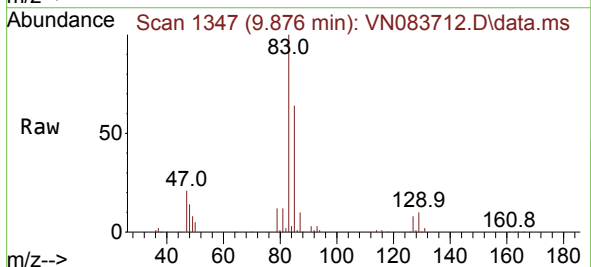


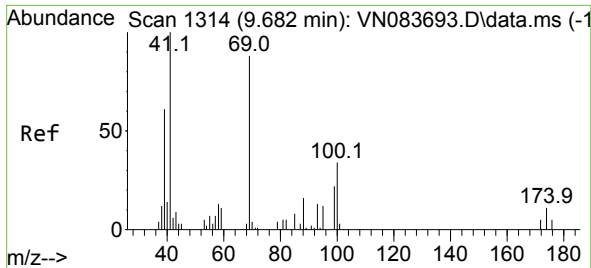
Tgt Ion: 83 Resp: 274291
Ion Ratio Lower Upper
83 100
85 63.4 49.4 74.2
127 7.6 7.3 10.9



#45
1,4-Dioxane
Concen: 1.744 ug/l
RT: 9.876 min Scan# 1347
Delta R.T. 0.176 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 19.8 29.6#
58 0.0 55.4 83.0#

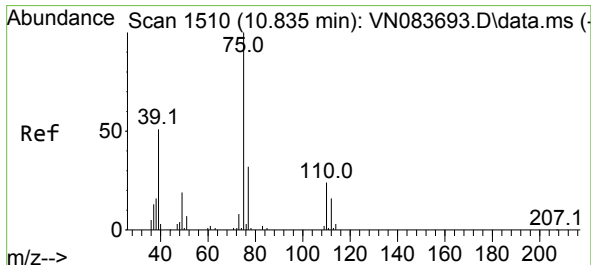
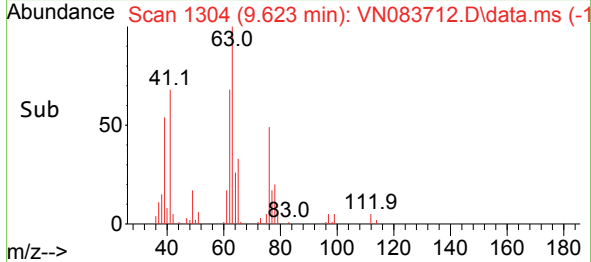
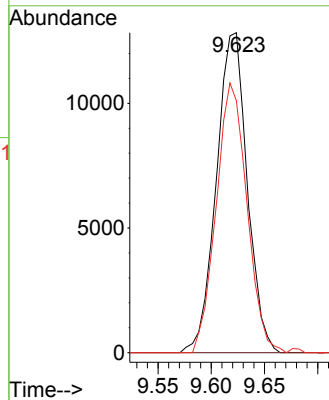
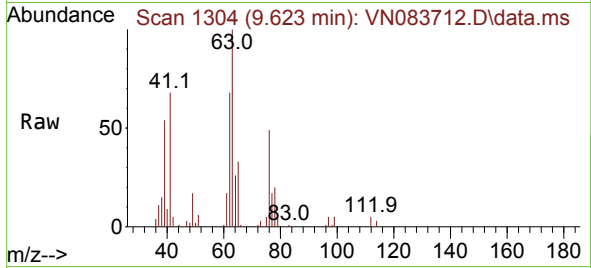




#46
Methyl methacrylate
Concen: 12.323 ug/l
RT: 9.623 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

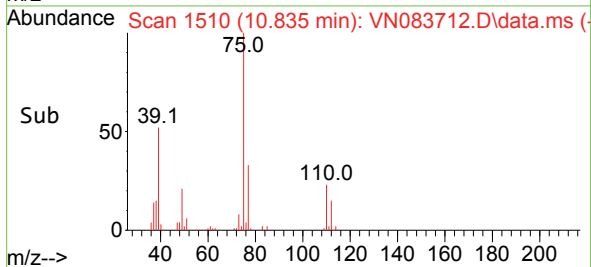
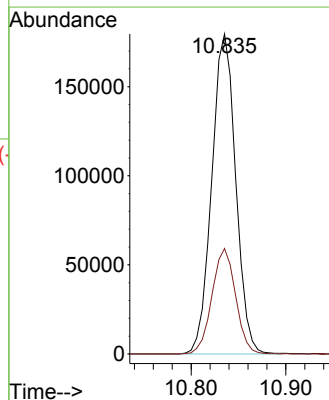
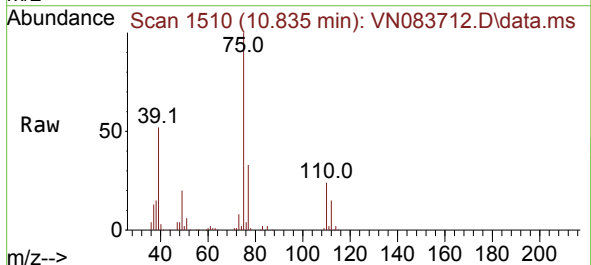
Instrument :
MSVOA_N
ClientSampleId :

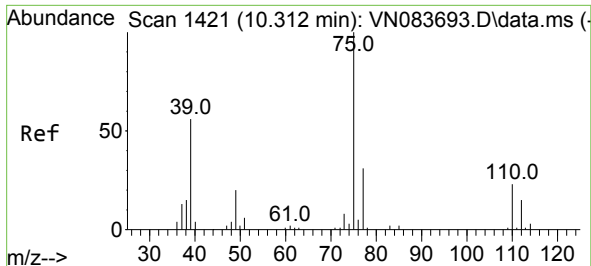
Tgt Ion: 41 Resp: 25864
Ion Ratio Lower Upper
41 100
69 0.0 51.1 153.3#
39 78.8 25.8 77.3#



#48
t-1,3-Dichloropropene
Concen: 101.072 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 75 Resp: 315419
Ion Ratio Lower Upper
75 100
77 32.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 103.977 ug/l

RT: 10.312 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

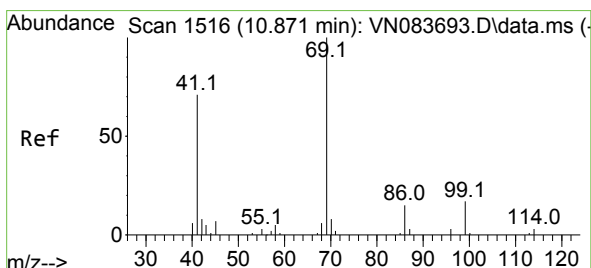
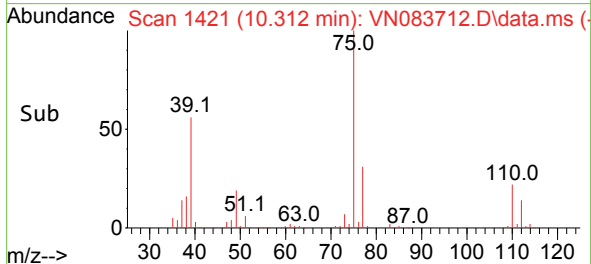
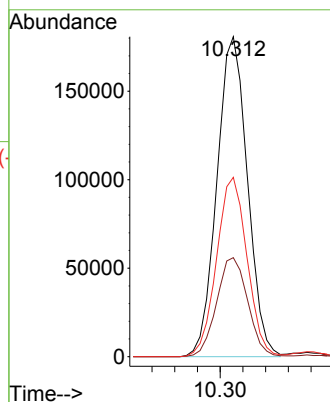
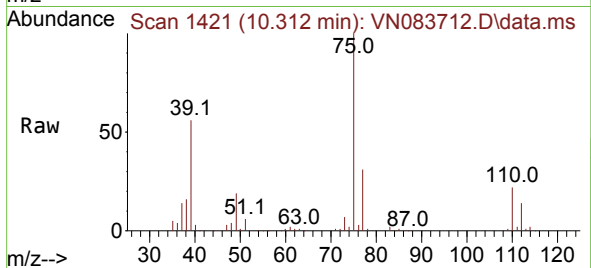
Tgt Ion: 75 Resp: 337464

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 56.1 31.0 46.6#



#51

Ethyl methacrylate

Concen: 0.210 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.300 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

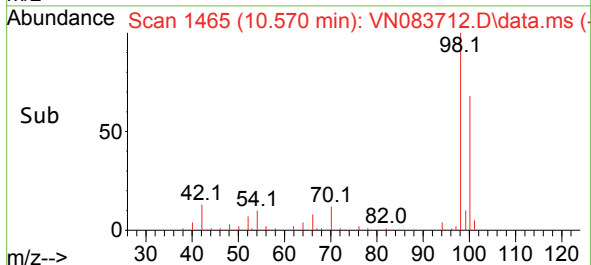
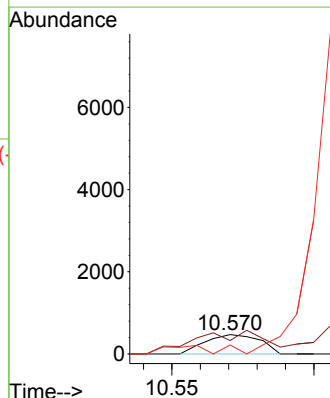
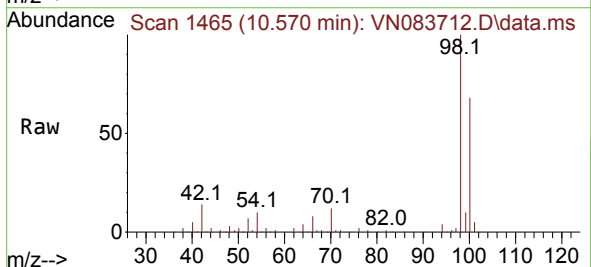
Tgt Ion: 69 Resp: 636

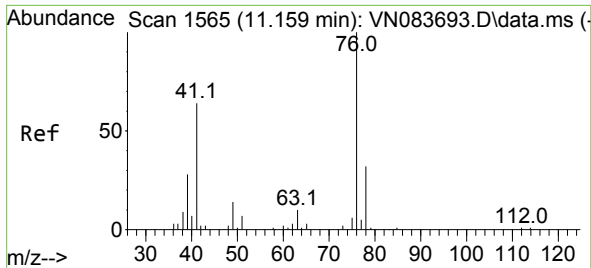
Ion Ratio Lower Upper

69 100

41 34.1 25.5 76.5

39 12.3 16.0 47.9#

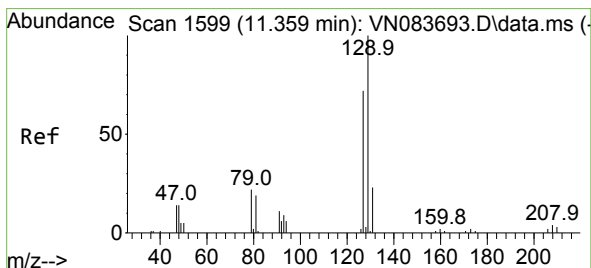
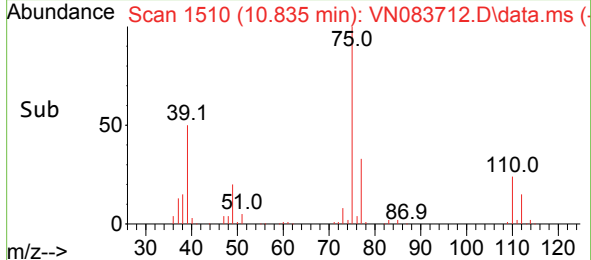
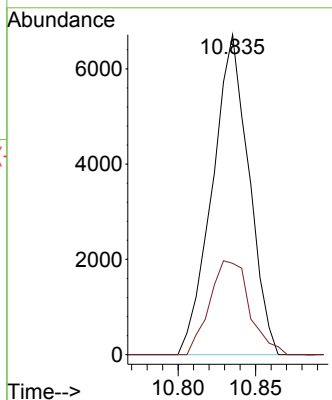
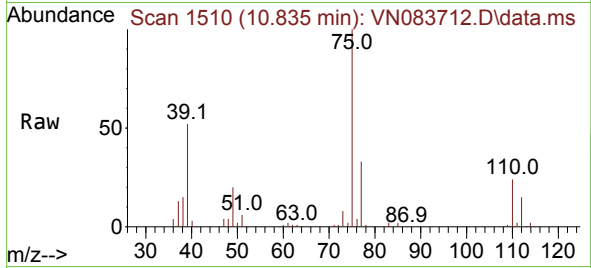




#52
1,3-Dichloropropane
Concen: 3.432 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.324 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

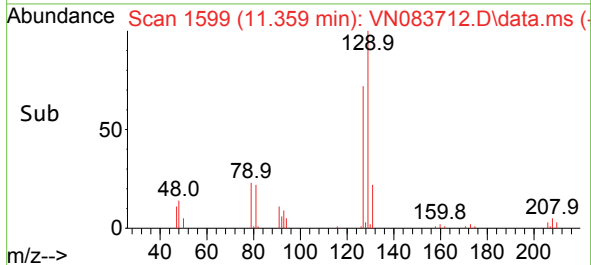
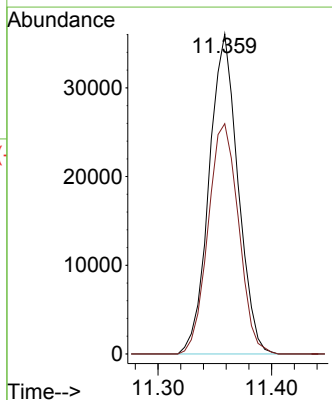
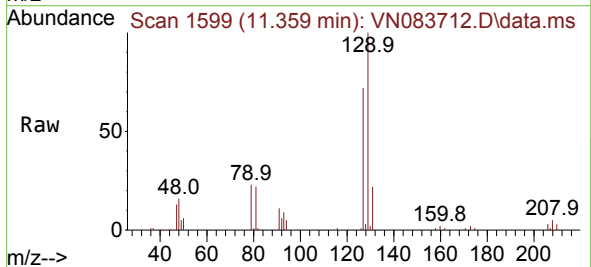
Instrument :
MSVOA_N
ClientSampleId :

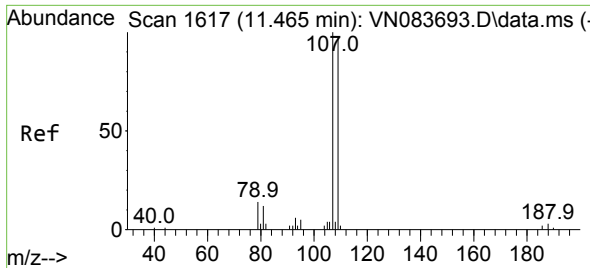
Tgt Ion: 76 Resp: 11003
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.8



#53
Dibromochloromethane
Concen: 29.899 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 129 Resp: 63667
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.1

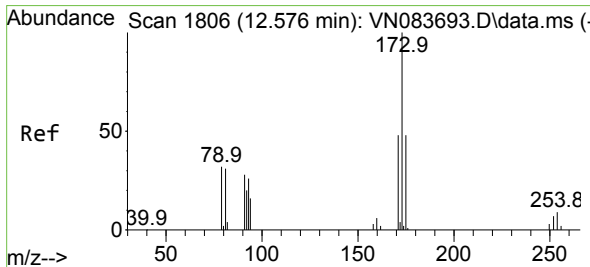
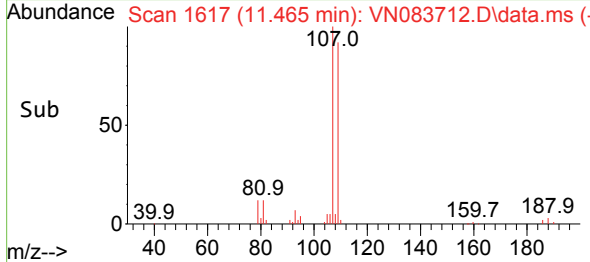
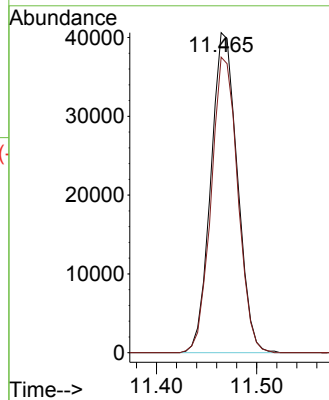
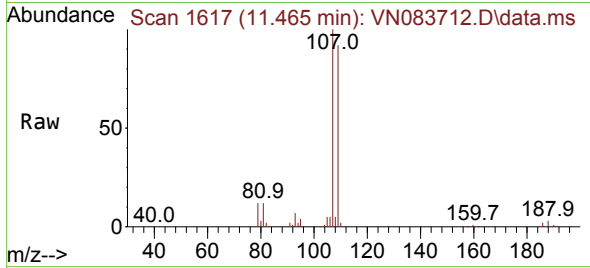




#54
1,2-Dibromoethane
Concen: 40.722 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

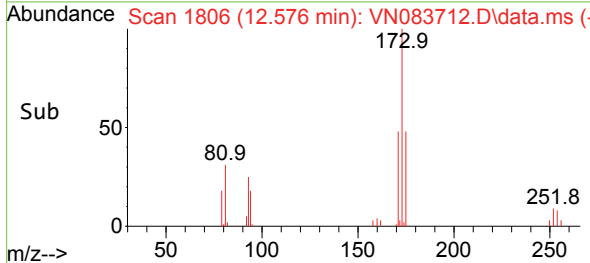
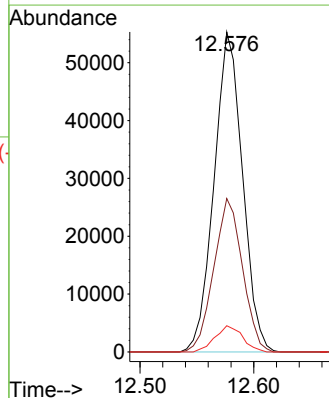
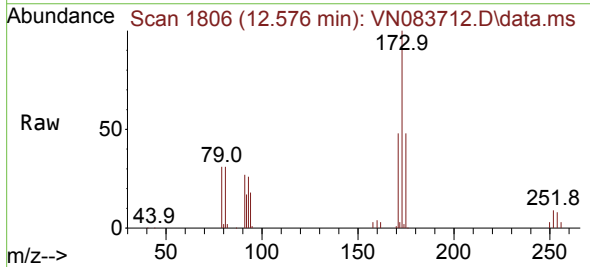
Instrument :
MSVOA_N
ClientSampleId :

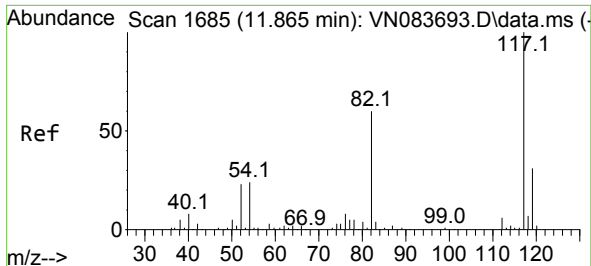
Tgt Ion:107 Resp: 74791
Ion Ratio Lower Upper
107 100
109 92.3 74.7 112.1



#56
Bromoform
Concen: 71.100 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

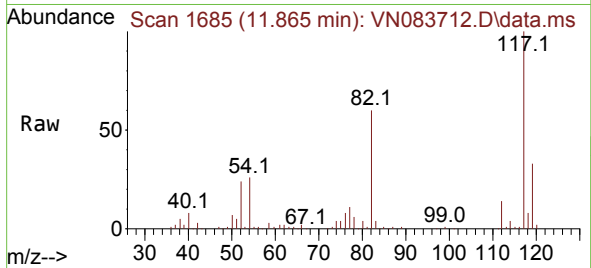
Tgt Ion:173 Resp: 96187
Ion Ratio Lower Upper
173 100
175 48.3 40.0 60.0
254 7.9 8.3 12.5#



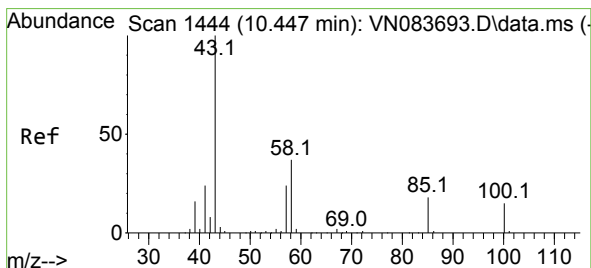
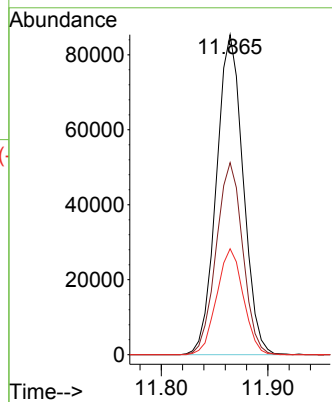
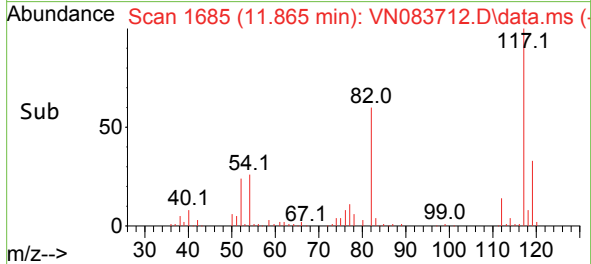


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

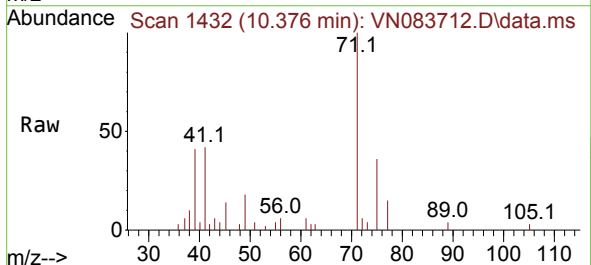
Instrument :
MSVOA_N
ClientSampleId :



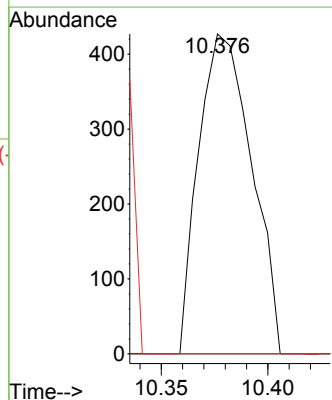
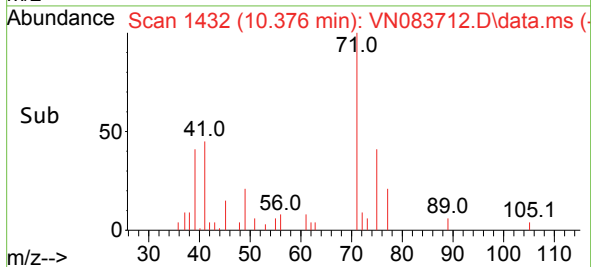
Tgt Ion:117 Resp: 148981
Ion Ratio Lower Upper
117 100
82 59.6 46.6 69.8
119 32.9 25.4 38.2

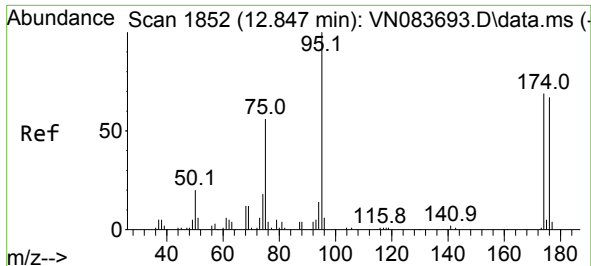


#58
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 10.376 min Scan# 1432
Delta R.T. -0.071 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48



Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 0.0 36.5 54.7#
85 642.7 19.5 29.3#

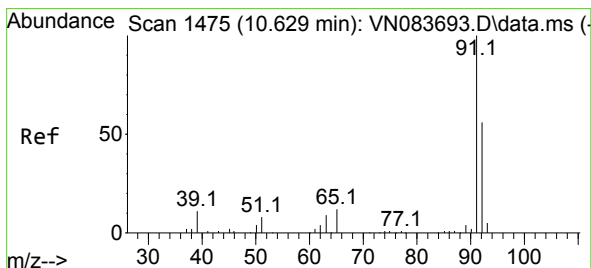
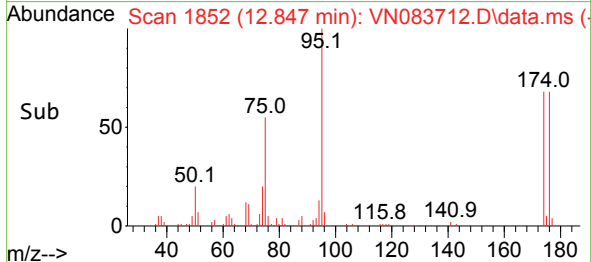
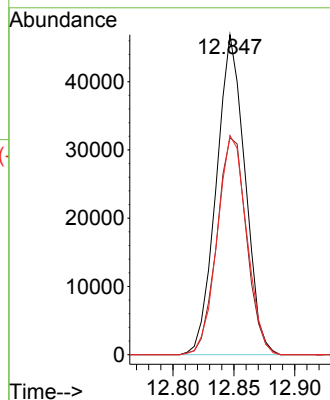
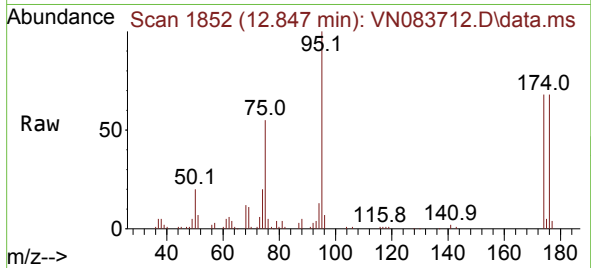




#60
 4-Bromofluorobenzene
 Concen: 29.935 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

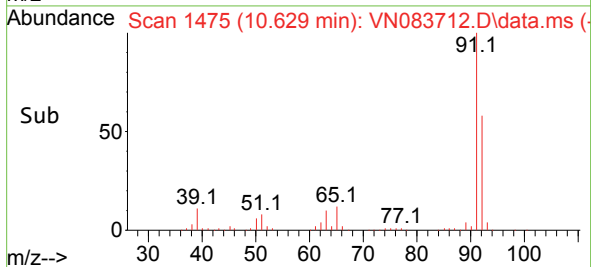
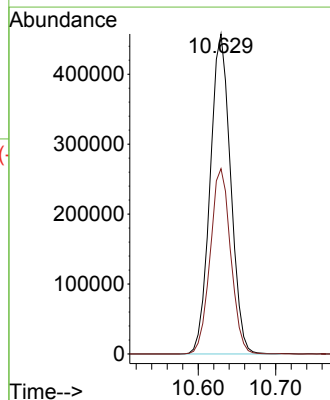
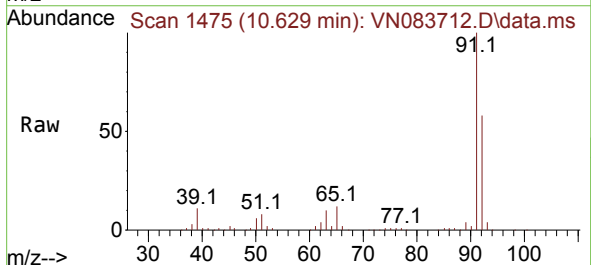
Instrument :
 MSVOA_N
 ClientSampleId :

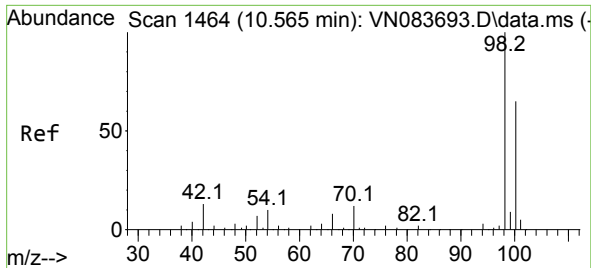
Tgt Ion: 95 Resp: 76864
 Ion Ratio Lower Upper
 95 100
 174 70.2 60.5 90.7
 176 70.2 57.8 86.6



#62
 Toluene
 Concen: 98.086 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. -0.000 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

Tgt Ion: 91 Resp: 839936
 Ion Ratio Lower Upper
 91 100
 92 57.8 46.5 69.7

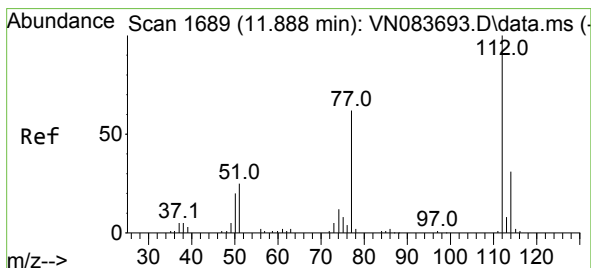
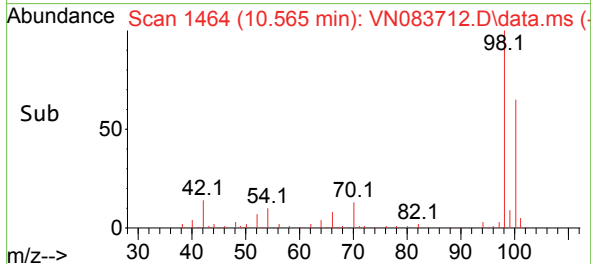
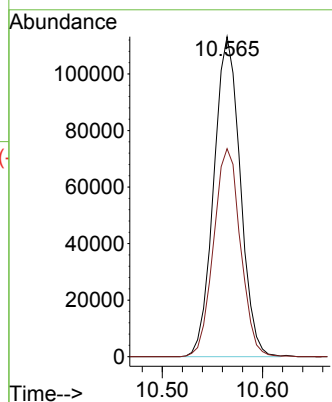
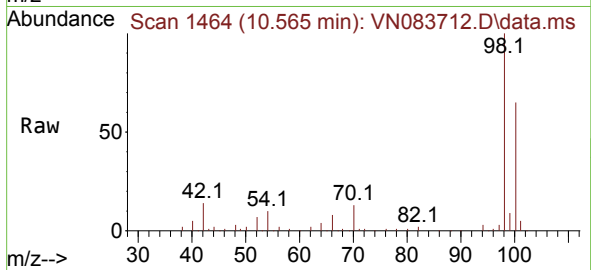




#63
Toluene-d8
Concen: 30.055 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

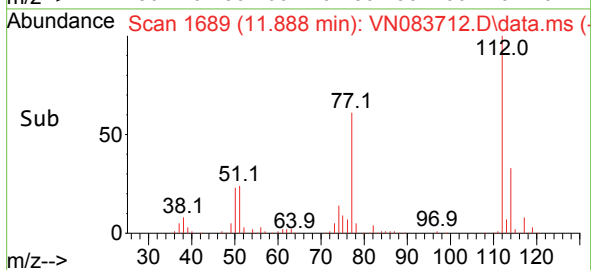
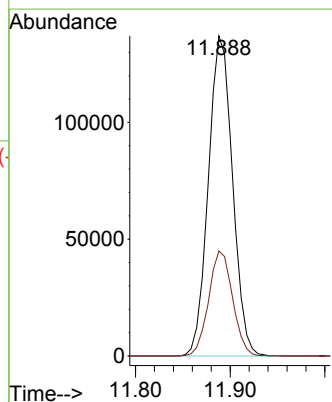
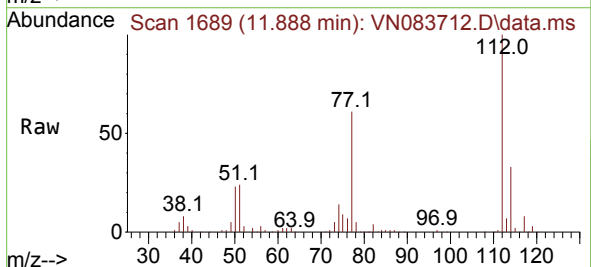
Instrument :
MSVOA_N
ClientSampleId :

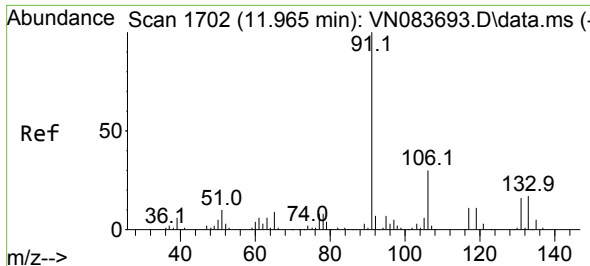
Tgt Ion: 98 Resp: 207330
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



#64
Chlorobenzene
Concen: 45.783 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 112 Resp: 242728
Ion Ratio Lower Upper
112 100
114 32.8 26.6 39.8

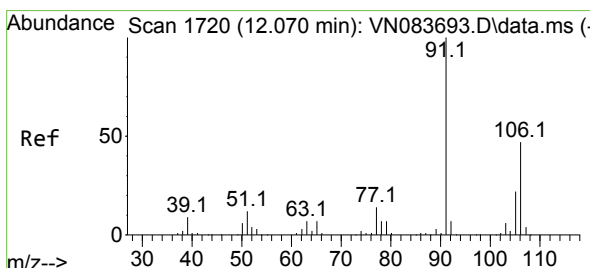
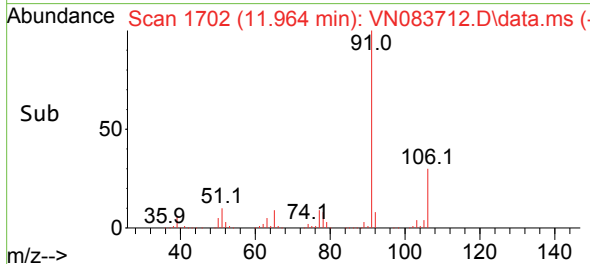
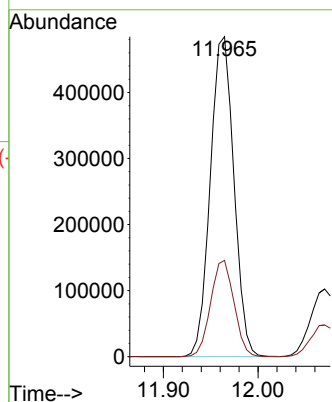
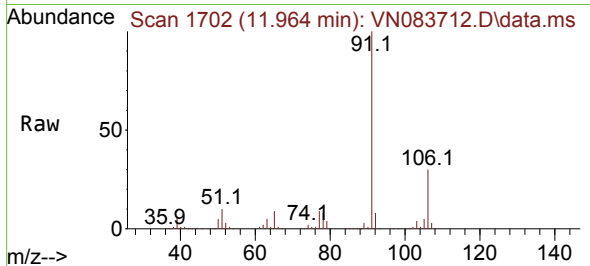




#66
Ethyl Benzene
Concen: 86.153 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

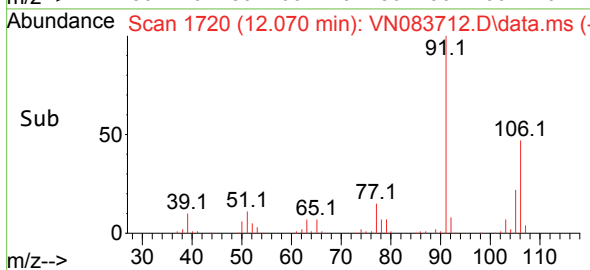
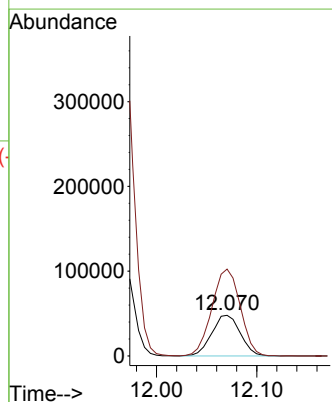
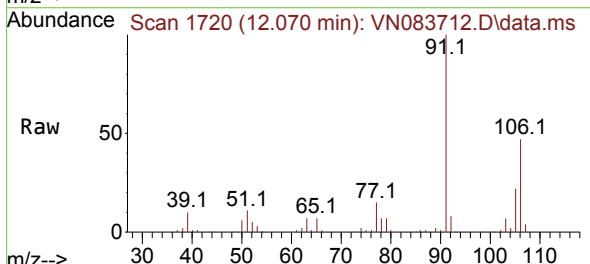
Instrument :
MSVOA_N
ClientSampleId :

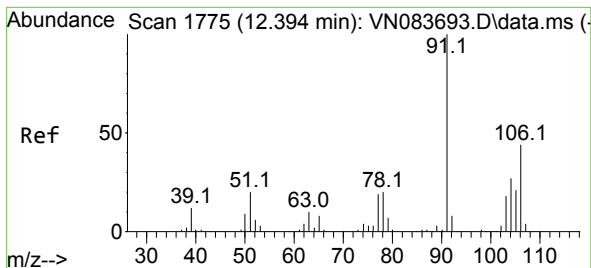
Tgt Ion: 91 Resp: 838967
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#67
m/p-Xylenes
Concen: 26.452 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion:106 Resp: 94768
Ion Ratio Lower Upper
106 100
91 212.2 166.6 249.8

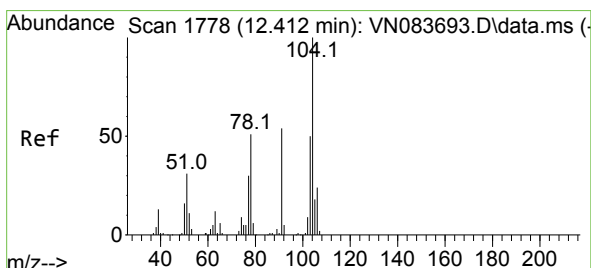
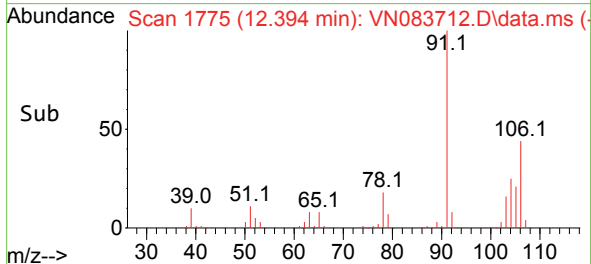
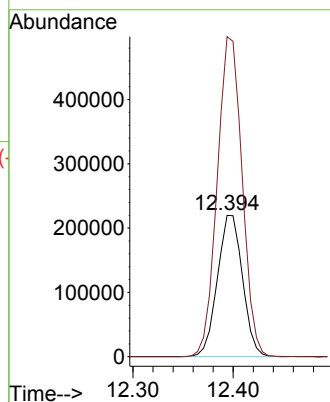
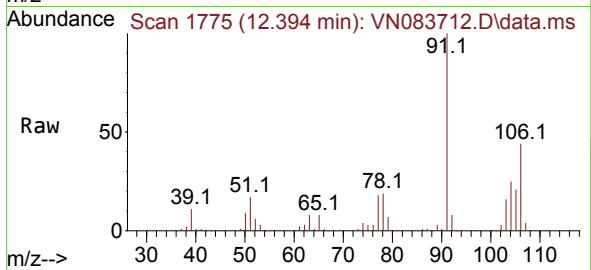




#68
o-Xylene
Concen: 110.157 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

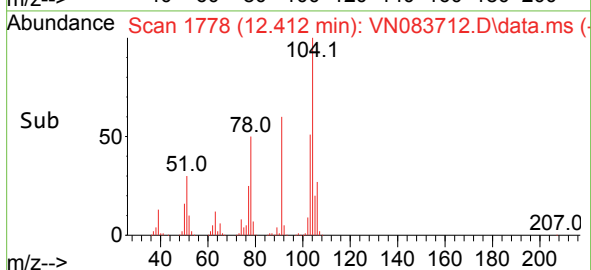
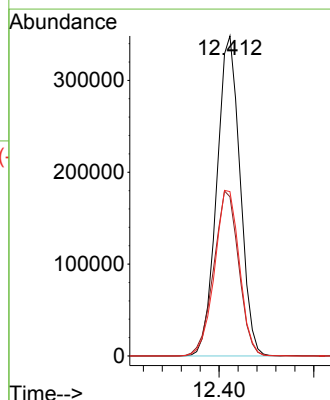
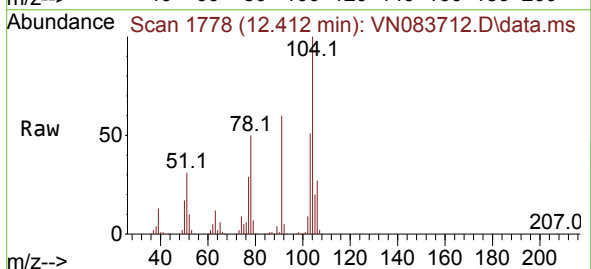
Instrument :
MSVOA_N
ClientSampleId :

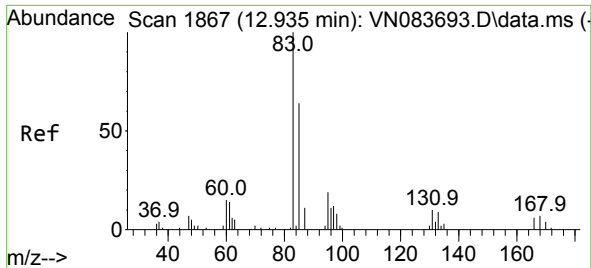
Tgt Ion:106 Resp: 381963
Ion Ratio Lower Upper
106 100
91 225.3 110.0 330.0



#69
Styrene
Concen: 101.482 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion:104 Resp: 594560
Ion Ratio Lower Upper
104 100
78 55.3 42.6 64.0
103 55.2 43.7 65.5

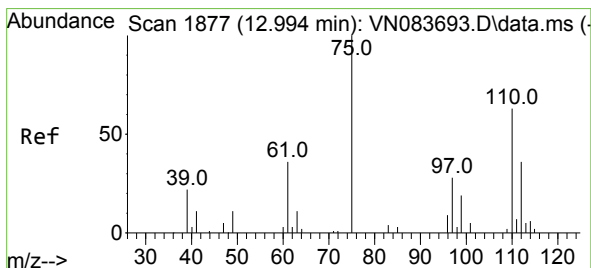
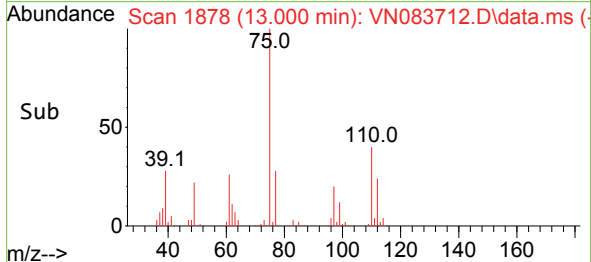
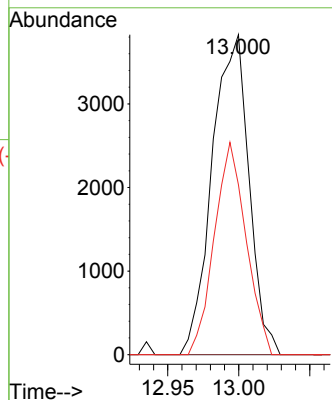
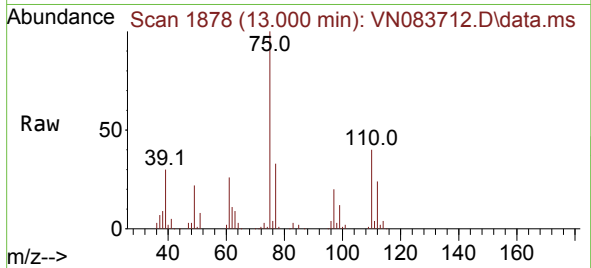




#71
1,1,2,2-Tetrachloroethane
Concen: 2.758 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.065 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

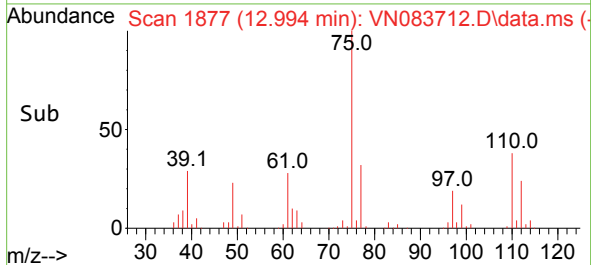
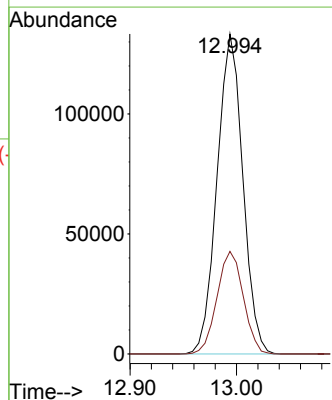
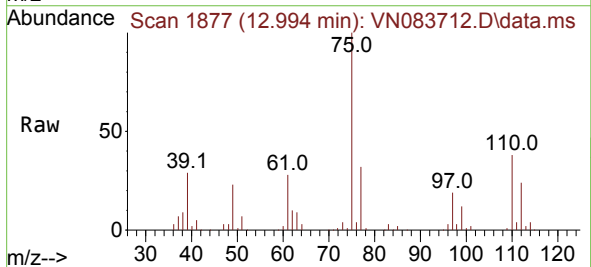
Instrument :
MSVOA_N
ClientSampleId :

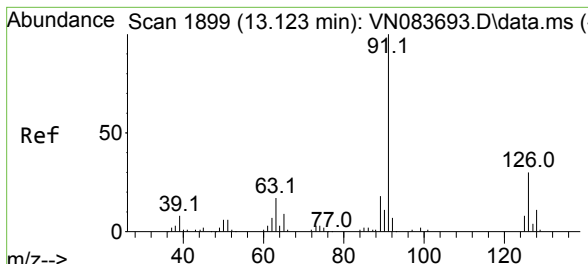
Tgt Ion: 83 Resp: 6894
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 57.2 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 102.142 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 75 Resp: 223815
Ion Ratio Lower Upper
75 100
77 32.7 0.0 367.6

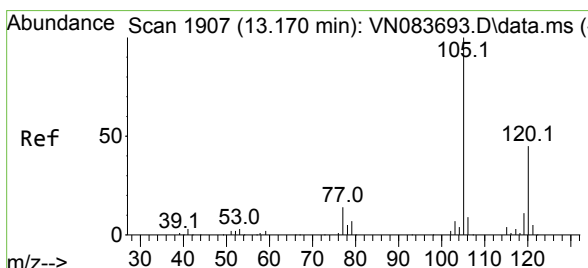
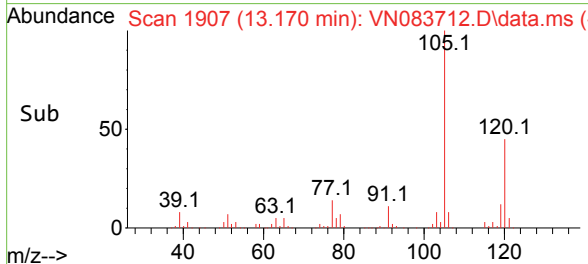
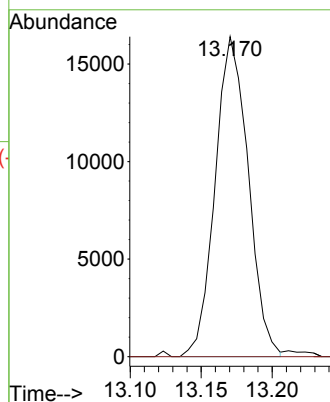
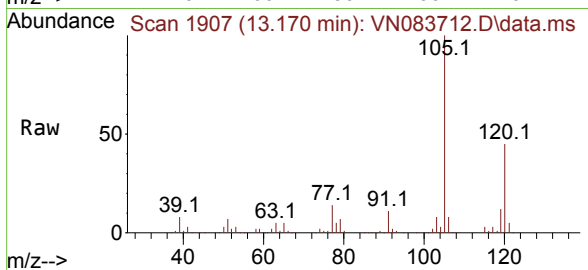




#75
2-Chlorotoluene
Concen: 3.975 ug/l
RT: 13.170 min Scan# 1899
Delta R.T. 0.047 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

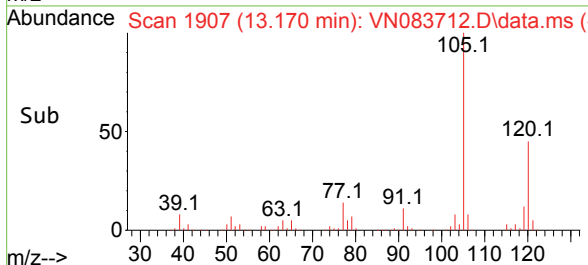
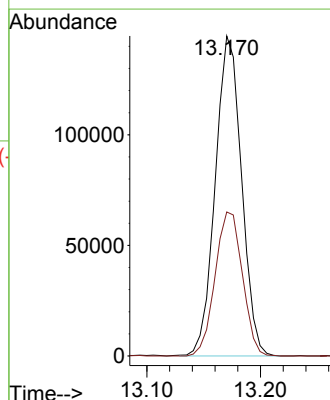
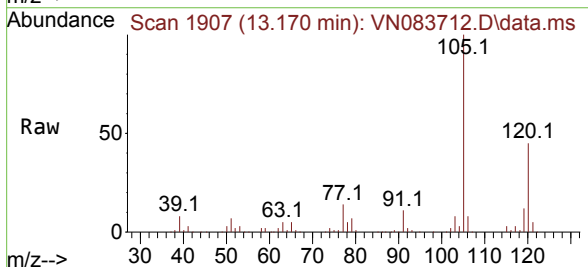
Instrument :
MSVOA_N
ClientSampleId :

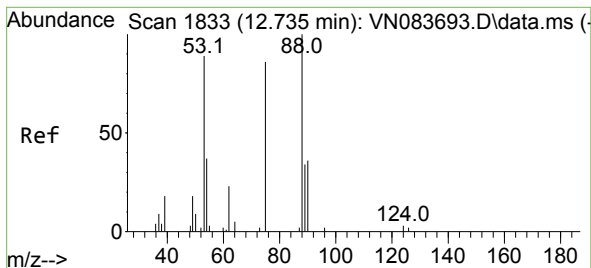
Tgt Ion: 91 Resp: 26577
Ion Ratio Lower Upper
91 100
126 0.0 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 30.407 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion:105 Resp: 232418
Ion Ratio Lower Upper
105 100
120 46.7 0.0 95.8

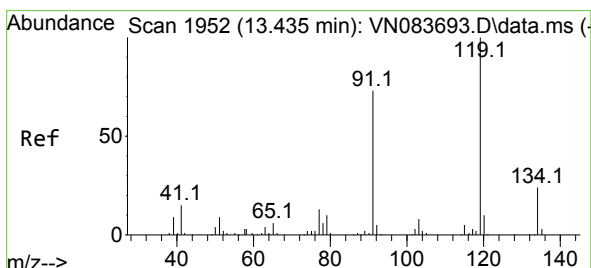
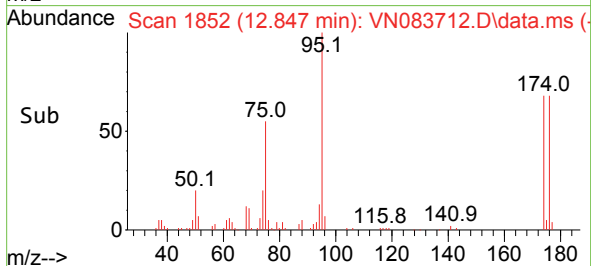
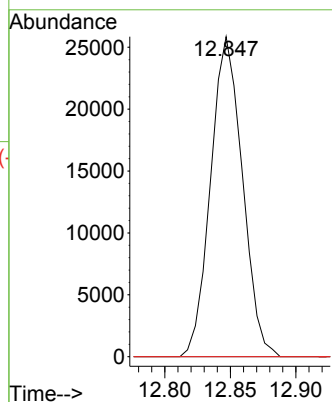
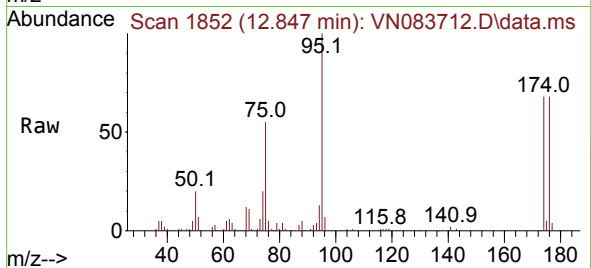




#77
t-1,4-Dichloro-2-butene
Concen: 47.040 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

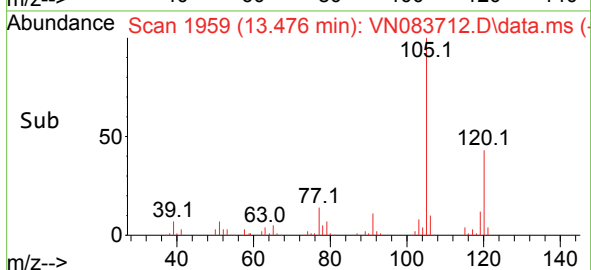
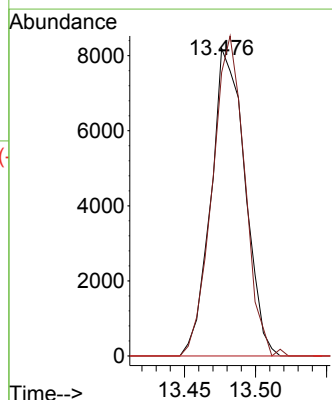
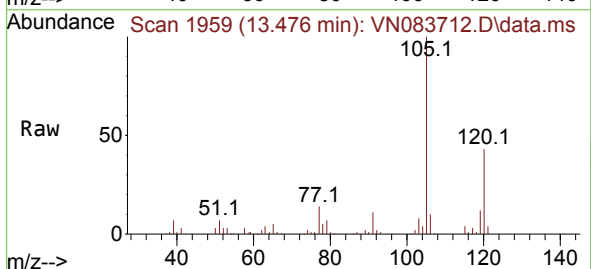
Instrument :
MSVOA_N
ClientSampleId :

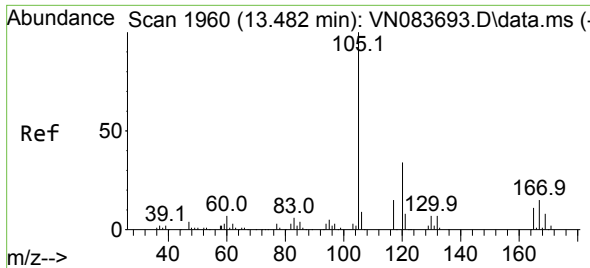
Tgt Ion: 75 Resp: 43568
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#



#79
tert-butylbenzene
Concen: 2.038 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion: 119 Resp: 13620
Ion Ratio Lower Upper
119 100
91 98.6 0.0 138.8
134 0.0 0.0 48.6

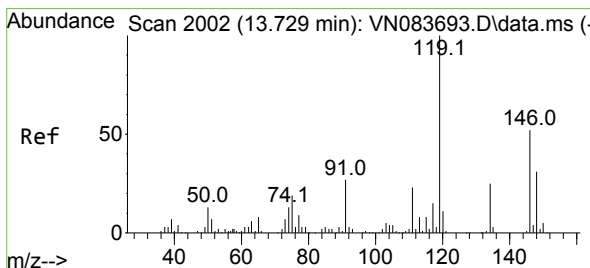
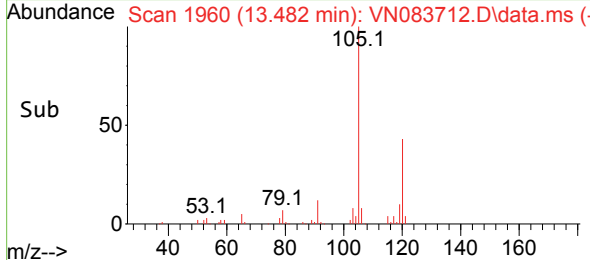
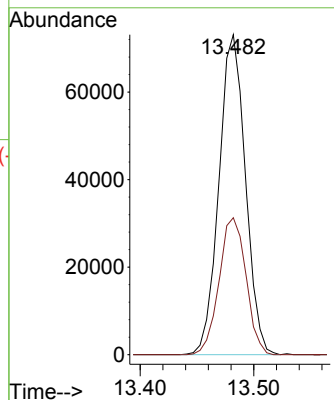
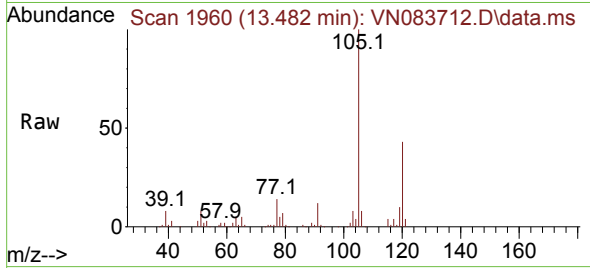




#80
 1,2,4-Trimethylbenzene
 Concen: 15.329 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

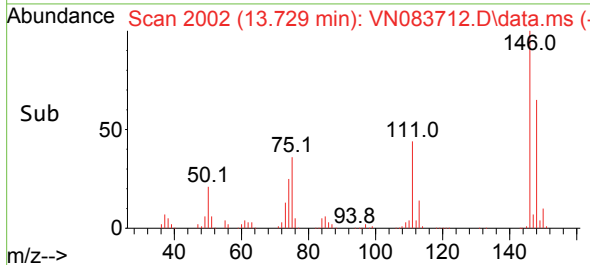
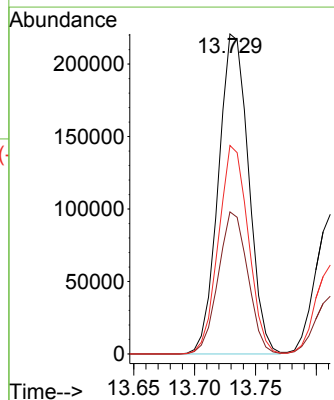
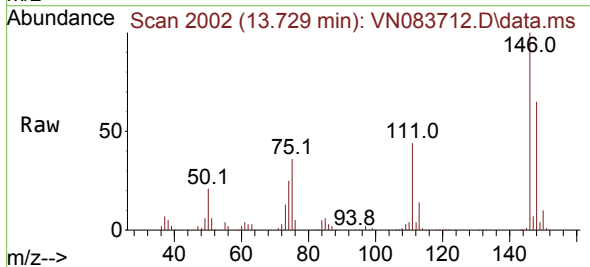
Instrument :
 MSVOA_N
 ClientSampleId :

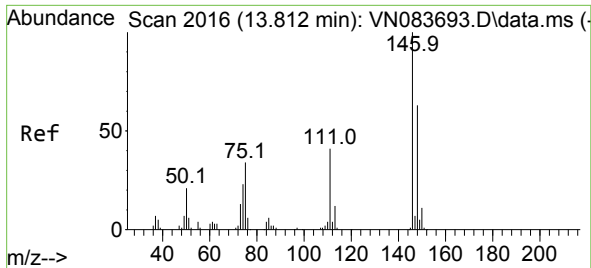
Tgt Ion:105 Resp: 118401
 Ion Ratio Lower Upper
 105 100
 120 43.5 0.0 86.8



#83
 1,3-Dichlorobenzene
 Concen: 94.170 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083712.D
 Acq: 09 Sep 2024 12:48

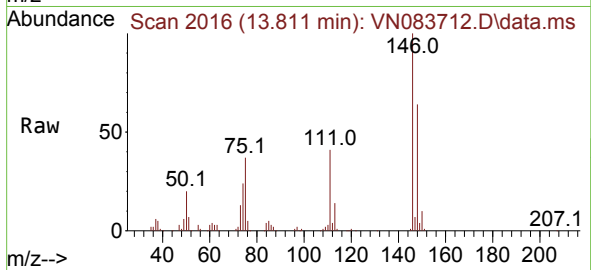
Tgt Ion:146 Resp: 380935
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.4 67.0
 148 64.2 32.1 96.5



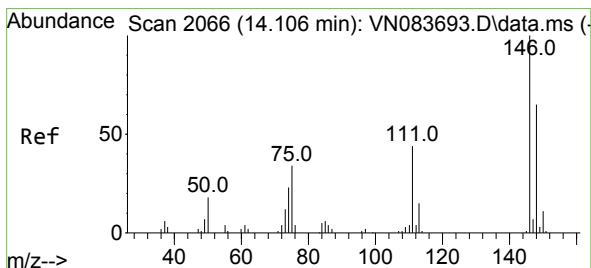
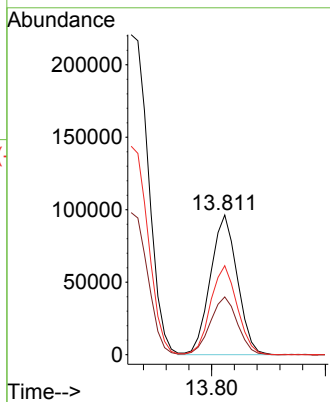
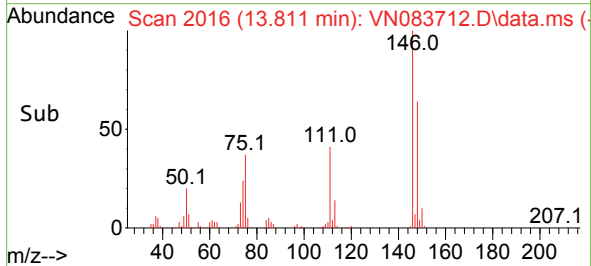


#84
1,4-Dichlorobenzene
Concen: 39.245 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

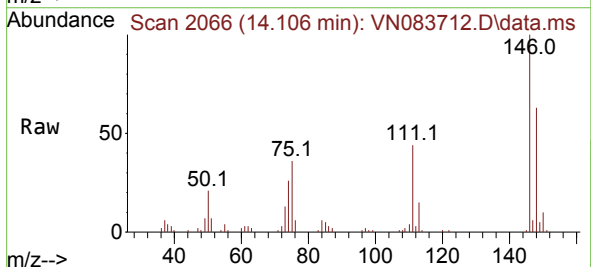
Instrument :
MSVOA_N
ClientSampleId :



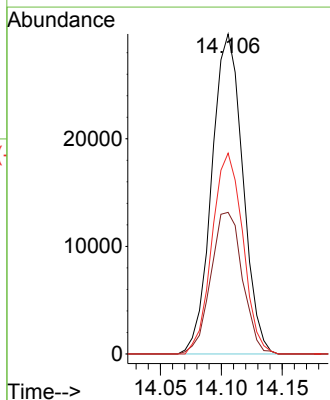
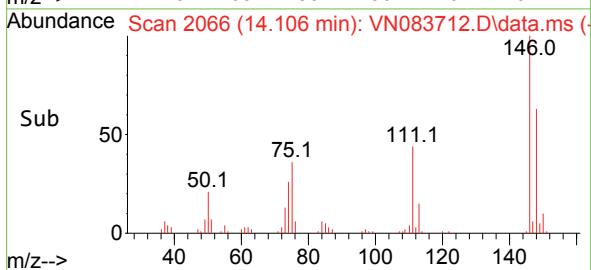
Tgt Ion:146 Resp: 158714
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 63.0 31.9 95.5

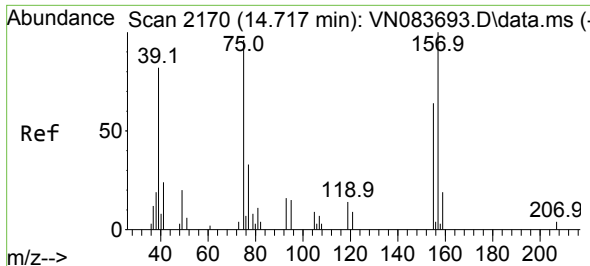


#87
1,2-Dichlorobenzene
Concen: 13.417 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48



Tgt Ion:146 Resp: 52672
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 62.3 31.3 93.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 120.069 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

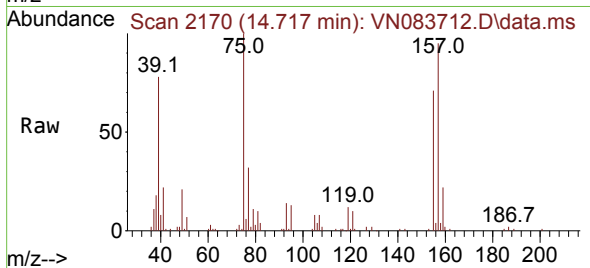
Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :



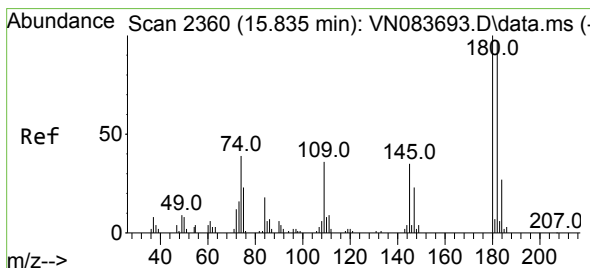
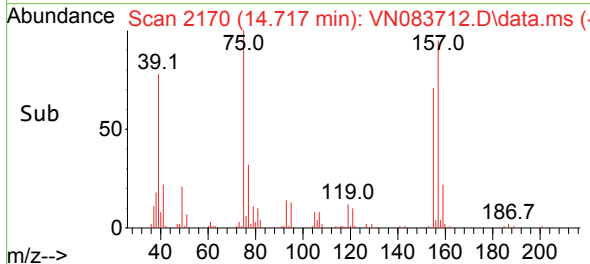
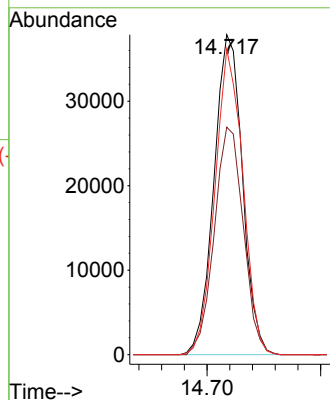
Tgt Ion: 75 Resp: 65947

Ion Ratio Lower Upper

75 100

155 72.6 61.7 92.5

157 93.6 83.6 125.4



#89

1,2,4-Trichlorobenzene

Concen: 0.285 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.447 min

Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

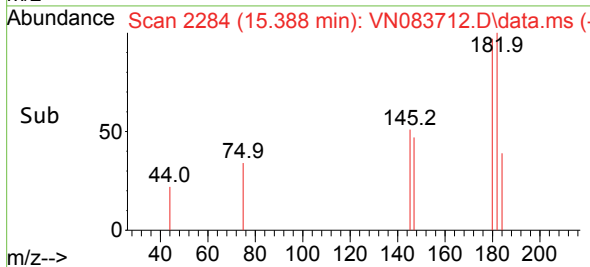
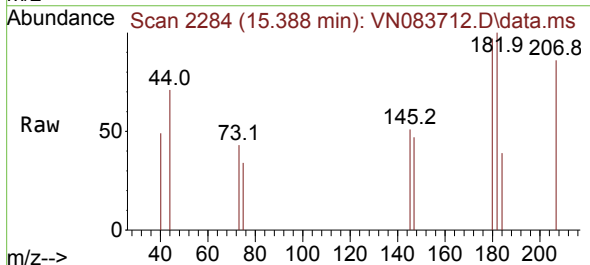
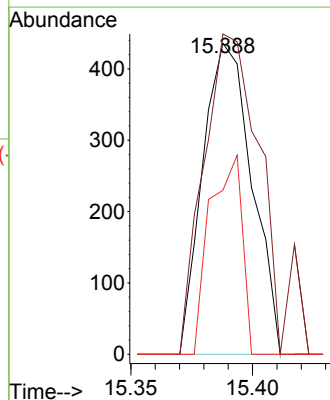
Tgt Ion: 180 Resp: 612

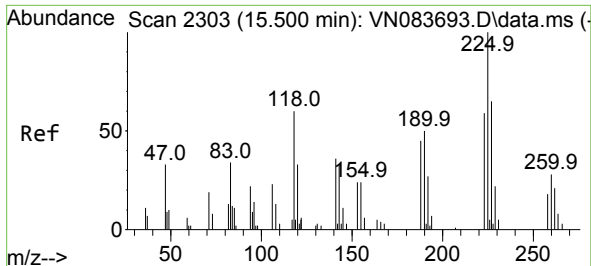
Ion Ratio Lower Upper

180 100

182 113.7 76.4 114.6

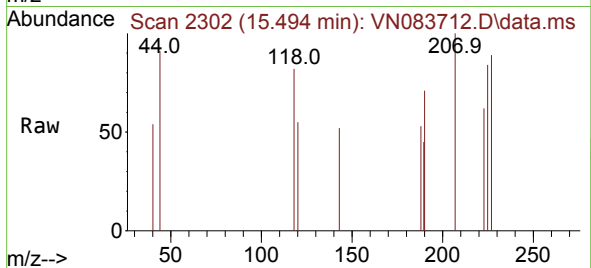
145 41.8 28.4 42.6



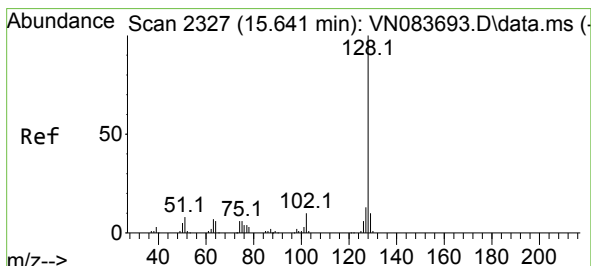
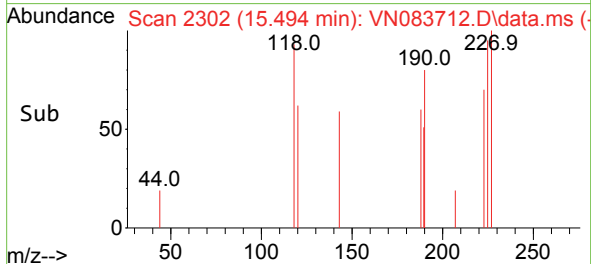
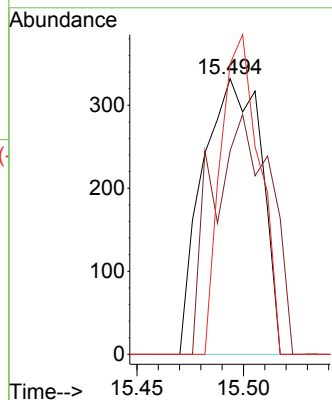


#90
Hexachlorobutadiene
Concen: 0.716 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

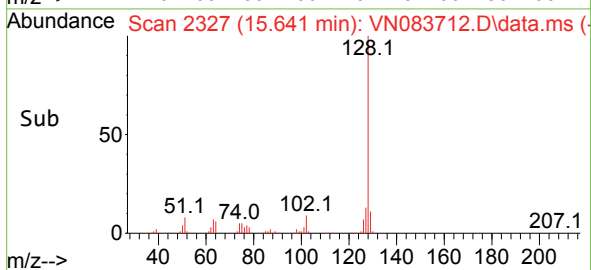
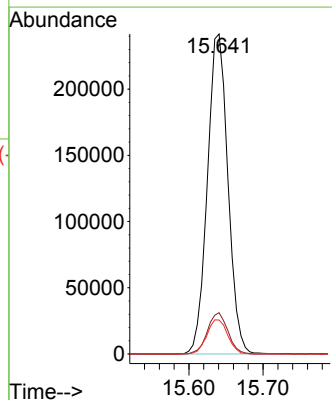
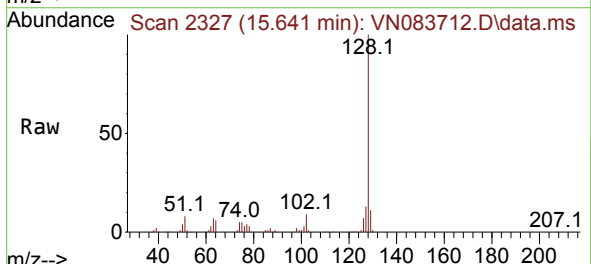


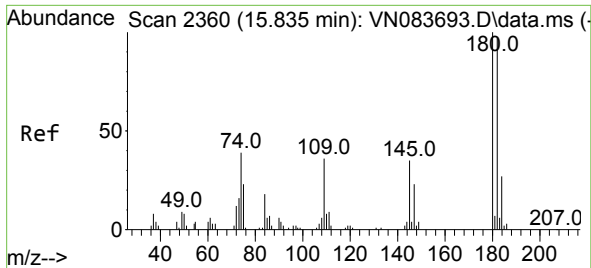
Tgt Ion:225 Resp: 637
Ion Ratio Lower Upper
225 100
223 63.7 0.0 126.6
227 76.8 0.0 126.6



#91
Naphthalene
Concen: 66.226 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083712.D
Acq: 09 Sep 2024 12:48

Tgt Ion:128 Resp: 465664
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 13.0





#92

1,2,3-Trichlorobenzene

Concen: 0.285 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.447 min

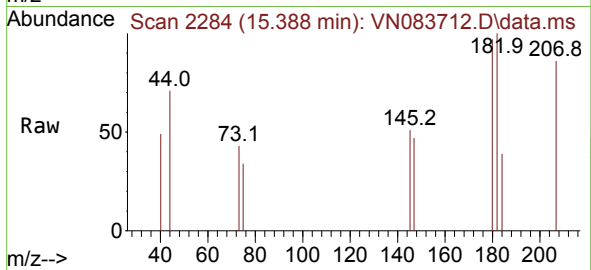
Lab File: VN083712.D

Acq: 09 Sep 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 612

Ion Ratio Lower Upper

180 100

182 113.7 0.0 191.0

145 41.8 0.0 71.0

