

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085799.D
 Acq On : 20 Feb 2025 15:04
 Operator : JC\MD
 Sample : Q1393-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 20 15:20:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	260007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	475267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	426378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	186235	55.25	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.50%			
35) Dibromofluoromethane	8.159	113	165948	53.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.72%			
50) Toluene-d8	10.559	98	579319	51.20	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.847	95	183682	49.27	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	2810	0.79	ug/l	98
3) Chloromethane	2.359	50	781	0.22	ug/l #	41
5) Bromomethane	2.977	94	1037	0.43	ug/l	90
6) Chloroethane	3.130	64	29488	11.85	ug/l	95
11) Tert butyl alcohol	5.506	59	34751	83.82	ug/l	99
13) Acrolein	4.177	56	224	0.36	ug/l	86
16) Acetone	4.418	43	56085	52.58	ug/l	97
18) Methyl Acetate	5.024	43	1226	0.33	ug/l #	67
19) Methyl tert-butyl Ether	5.795	73	5052	0.60	ug/l #	47
20) Methylene Chloride	5.265	84	1473	0.43	ug/l #	78
24) 1,1-Dichloroethane	6.553	63	1275	0.22	ug/l #	82
25) 2-Butanone	7.483	43	3358	2.14	ug/l #	89
31) Cyclohexane	8.218	56	5732	1.19	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21066	4.79	ug/l #	49
38) Carbon Tetrachloride	8.218	117	27718	5.30	ug/l #	17
43) Isopropyl Acetate	8.683	43	5229	0.28	ug/l #	53
48) Methyl methacrylate	9.677	41	854	0.32	ug/l #	37
49) 1,4-Dioxane	9.688	88	611	11.94	ug/l #	67
51) 4-Methyl-2-Pentanone	10.435	43	1998	0.57	ug/l #	78
52) Toluene	10.630	92	4815	0.58	ug/l	92
59) 2-Hexanone	11.194	43	1768	0.74	ug/l	93
67) Ethyl Benzene	11.959	91	7645	0.50	ug/l	99
68) m/p-Xylenes	12.065	106	10827	1.86	ug/l	100
69) o-Xylene	12.388	106	4599	0.83	ug/l	97
70) Styrene	12.394	104	887	0.68	ug/l #	36
76) 1,2,3-Trichloropropane	12.841	75	92274	23.01	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.841	75	92274	67.14	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.476	105	5225	0.52	ug/l	99
86) p-Isopropyltoluene	13.723	119	825	0.71	ug/l #	77
89) n-Butylbenzene	14.059	91	1959	0.23	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	1600	0.56	ug/l	81
94) Hexachlorobutadiene	15.488	225	1129	0.65	ug/l	76
95) Naphthalene	15.635	128	6076	0.77	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.829	180	1686	0.59	ug/l	88

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

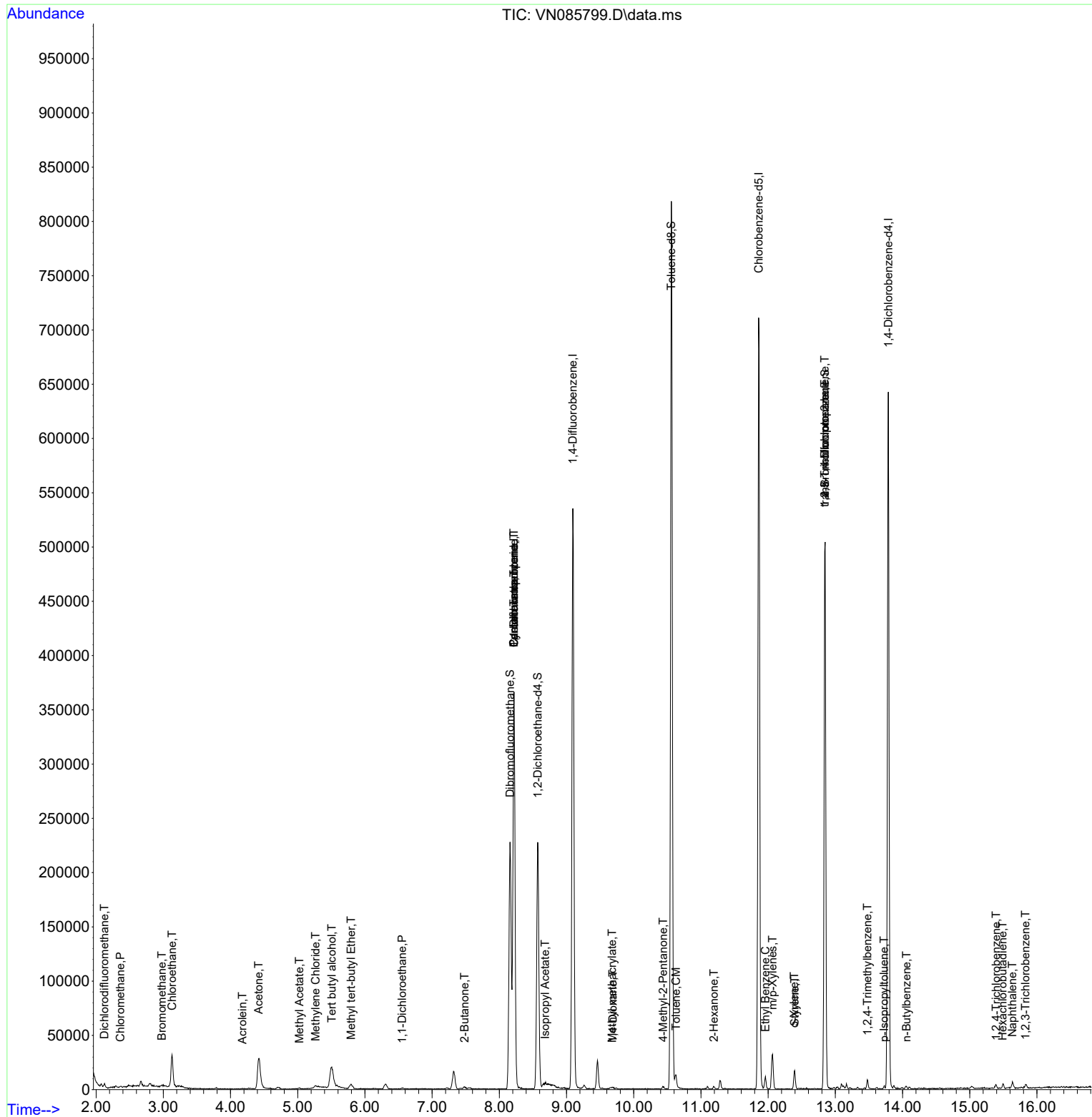
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

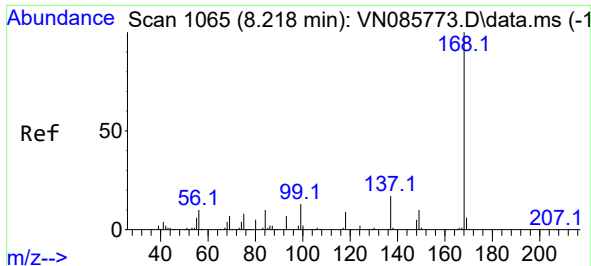
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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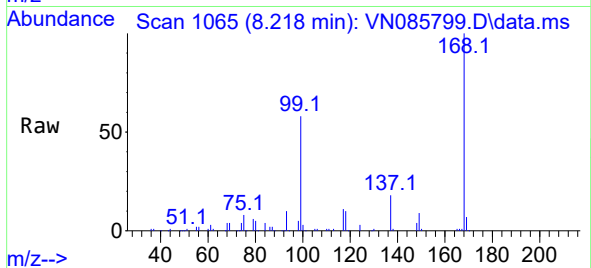
Quant Time: Feb 20 15:20:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
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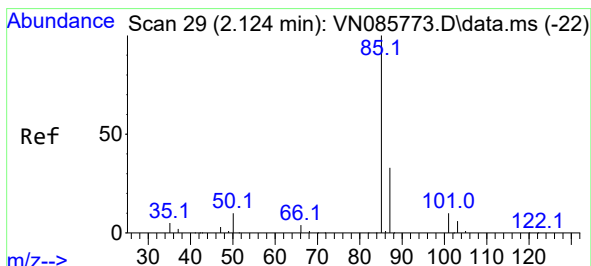
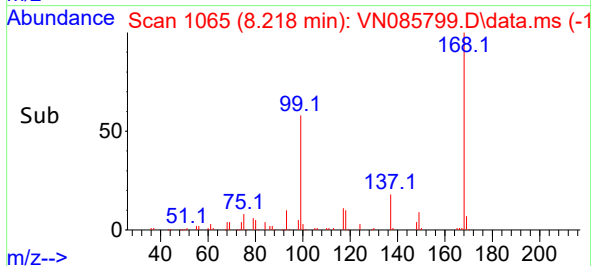
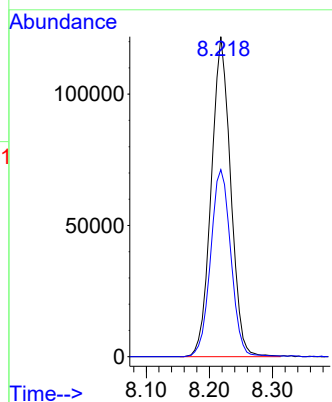


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

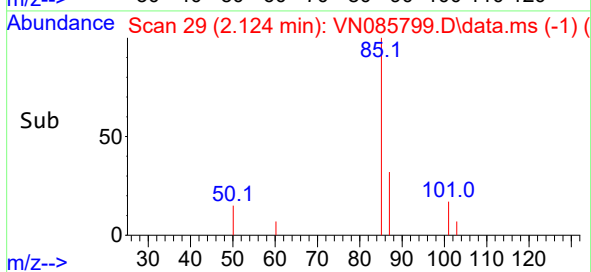
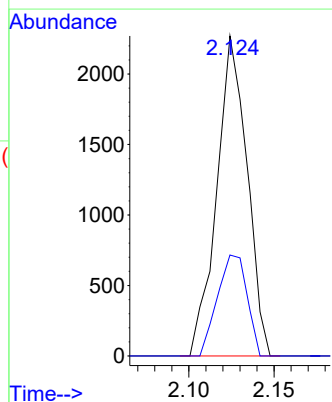
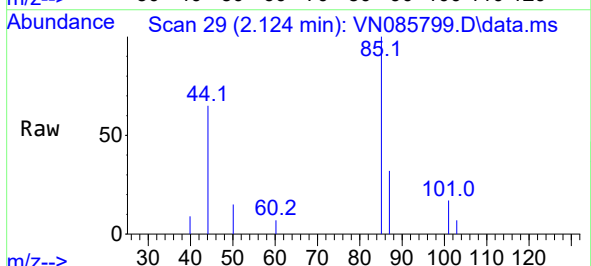


Tgt Ion:168 Resp: 260007
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9

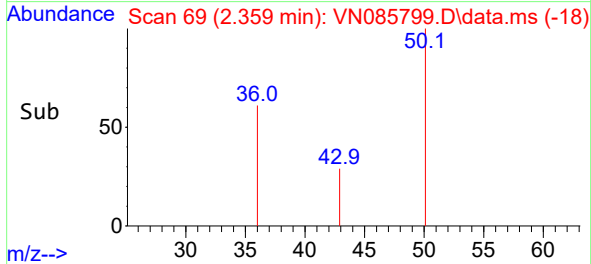
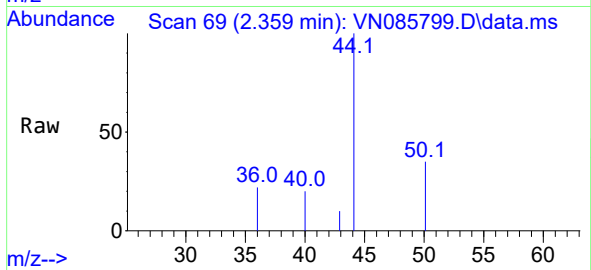
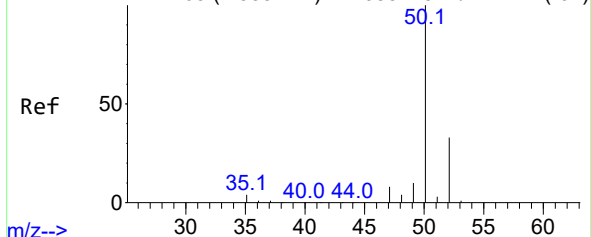


#2
Dichlorodifluoromethane
Concen: 0.79 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 85 Resp: 2810
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2



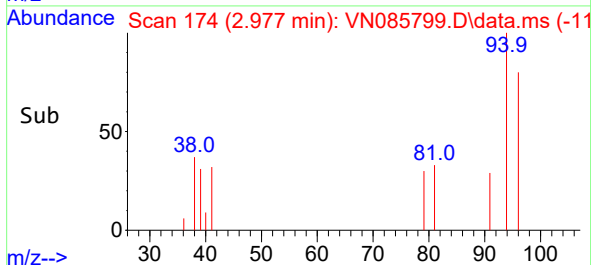
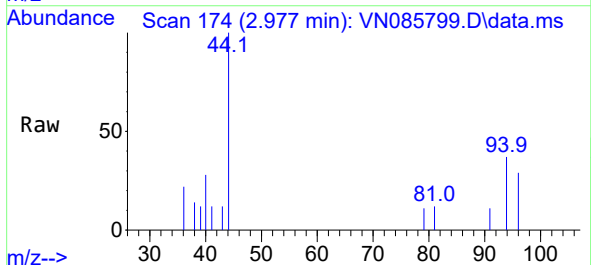
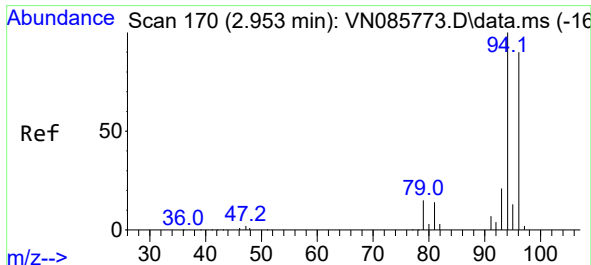
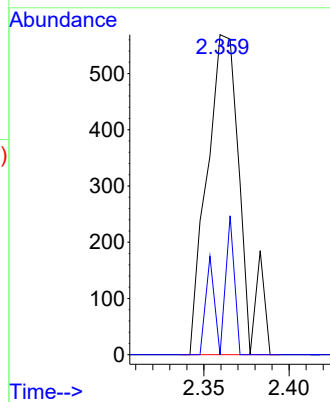
Abundance Scan 69 (2.359 min): VN085773.D\data.ms (-62)



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

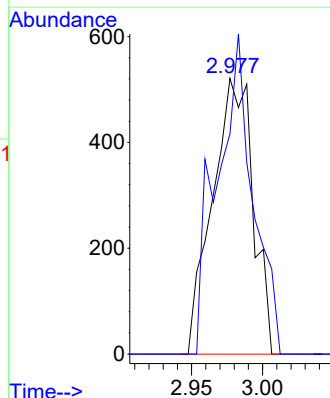
Instrument :
MSVOA_N
ClientSampleId :

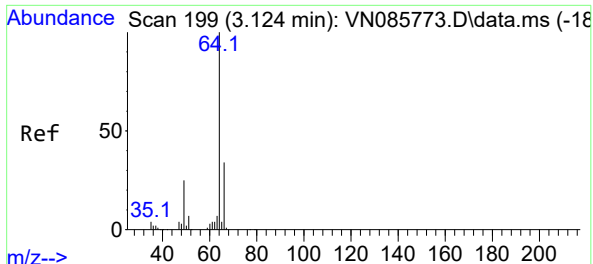
Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#



#5
Bromomethane
Concen: 0.43 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 94 Resp: 1037
Ion Ratio Lower Upper
94 100
96 79.8 71.7 107.5

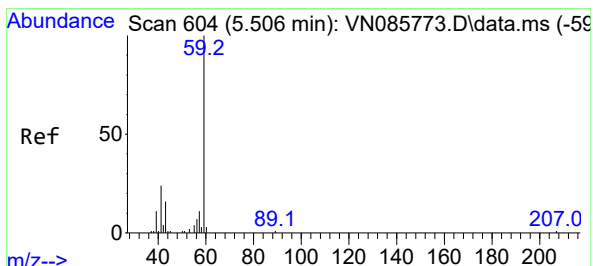
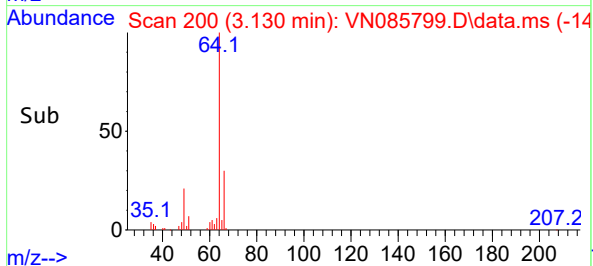
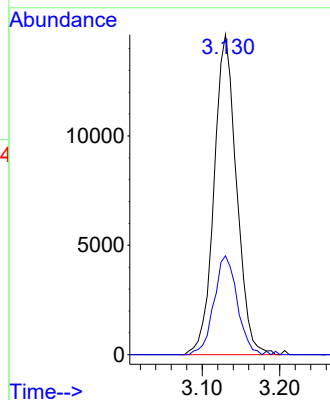
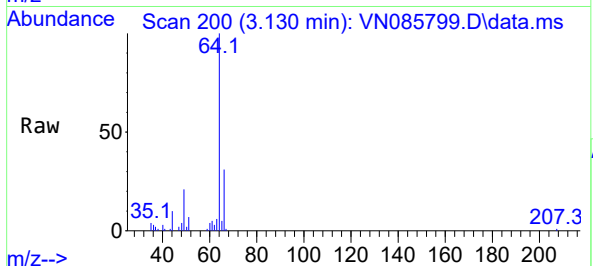




#6
Chloroethane
Concen: 11.85 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

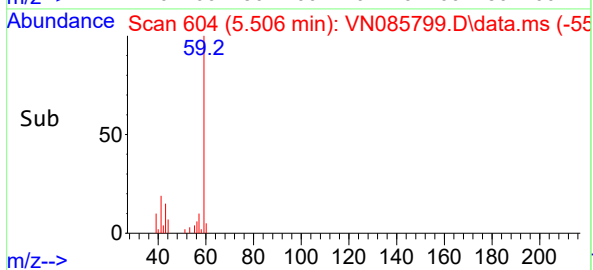
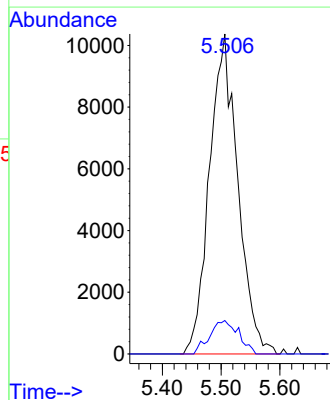
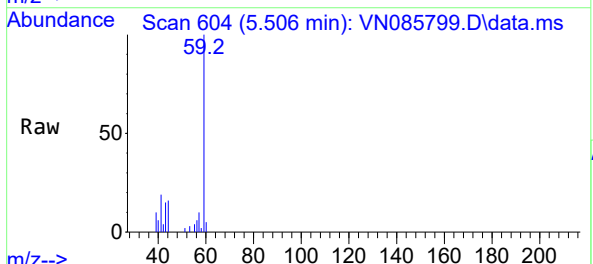
Instrument :
MSVOA_N
ClientSampleId :

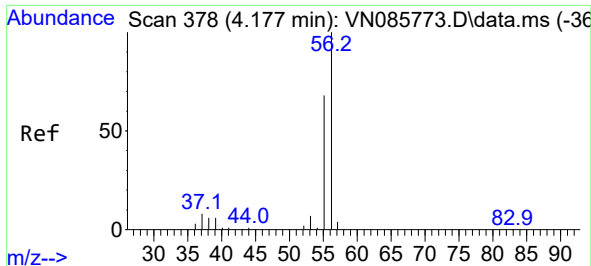
Tgt Ion: 64 Resp: 29488
Ion Ratio Lower Upper
64 100
66 30.9 27.0 40.6



#11
Tert butyl alcohol
Concen: 83.82 ug/l
RT: 5.506 min Scan# 604
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 59 Resp: 34751
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

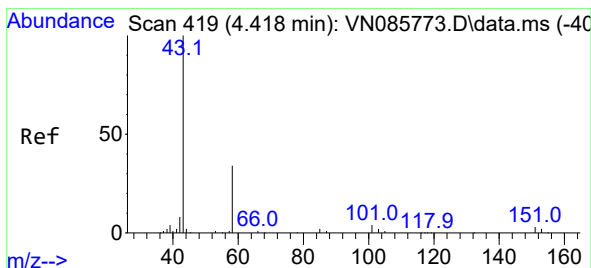
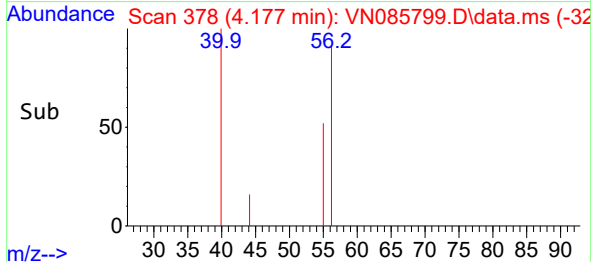
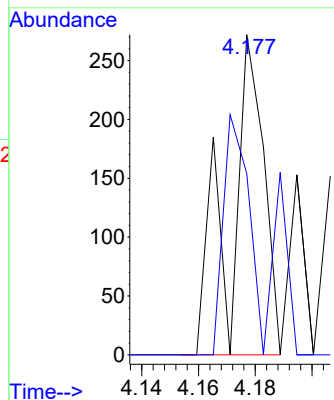
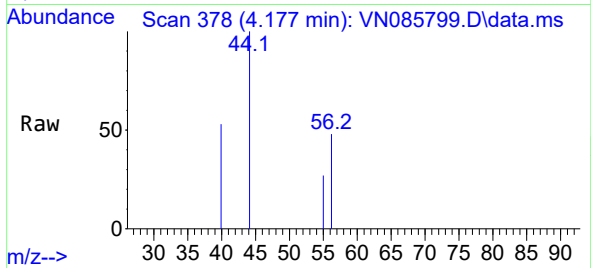




#13
Acrolein
Concen: 0.36 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

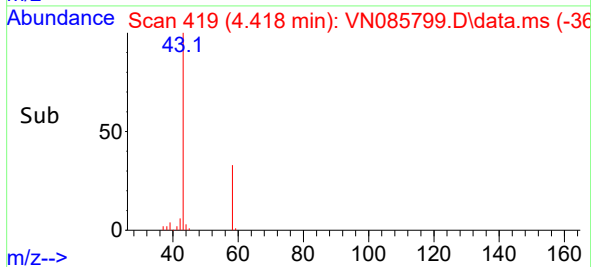
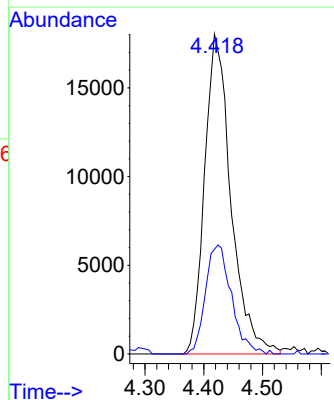
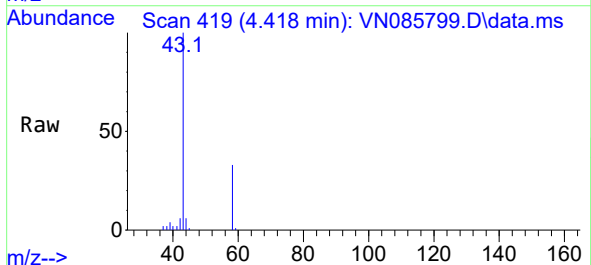
Instrument :
MSVOA_N
ClientSampleId :

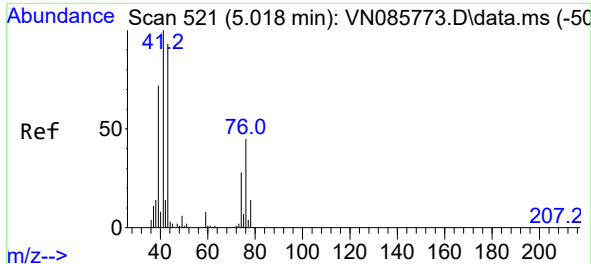
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 80.8 55.3 82.9



#16
Acetone
Concen: 52.58 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 56085
Ion Ratio Lower Upper
43 100
58 32.7 27.5 41.3





#18

Methyl Acetate

Concen: 0.33 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

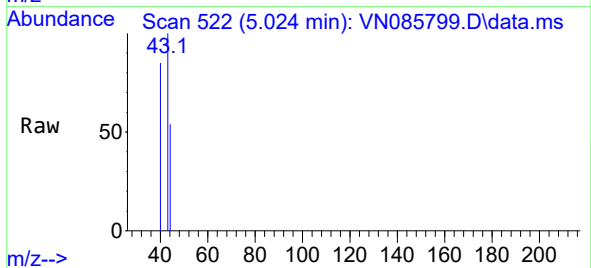
Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

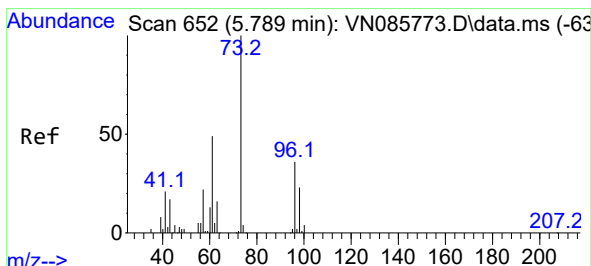
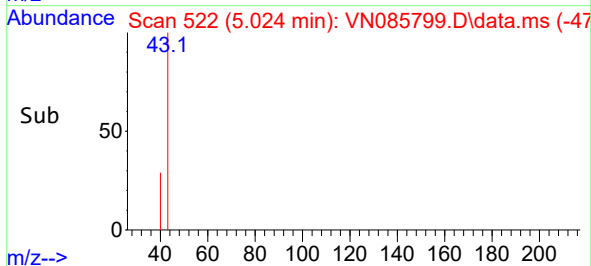
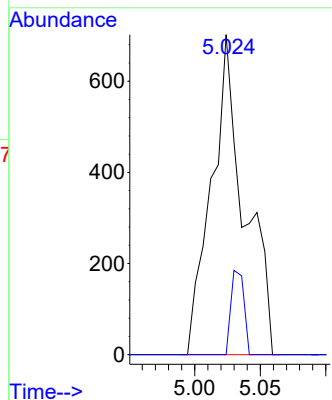


Tgt Ion: 43 Resp: 1226

Ion Ratio Lower Upper

43 100

74 10.3 22.2 33.4#



#19

Methyl tert-butyl Ether

Concen: 0.60 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN085799.D

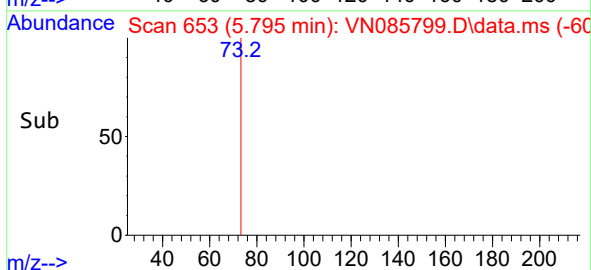
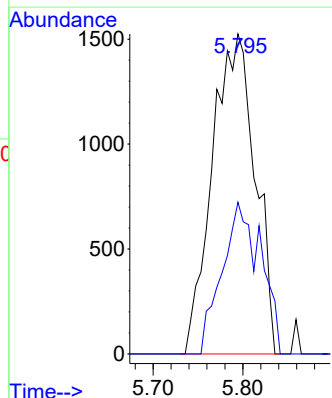
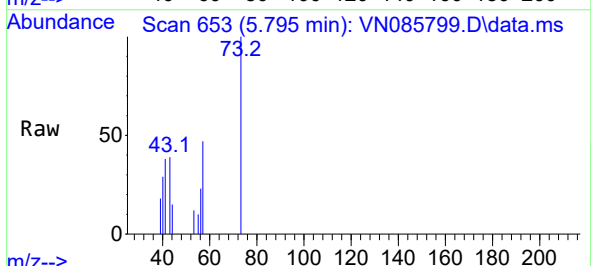
Acq: 20 Feb 2025 15:04

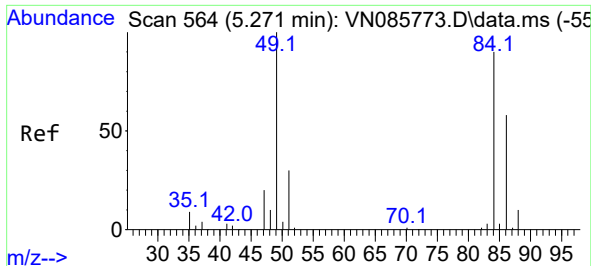
Tgt Ion: 73 Resp: 5052

Ion Ratio Lower Upper

73 100

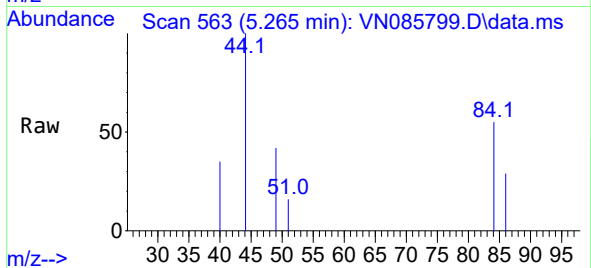
57 47.4 17.6 26.4#



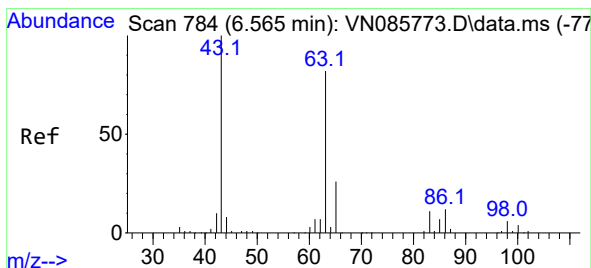
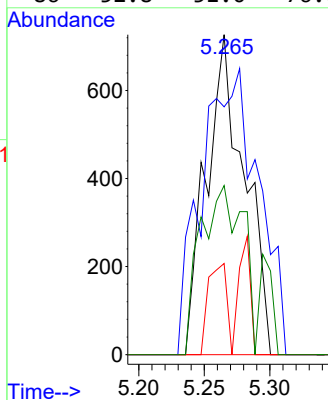
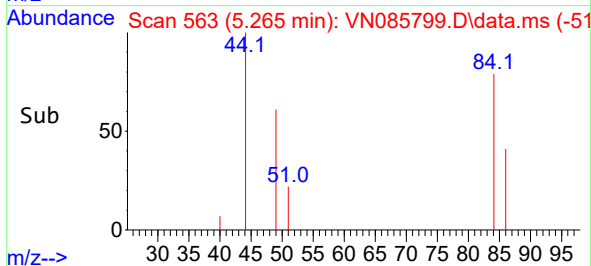


#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

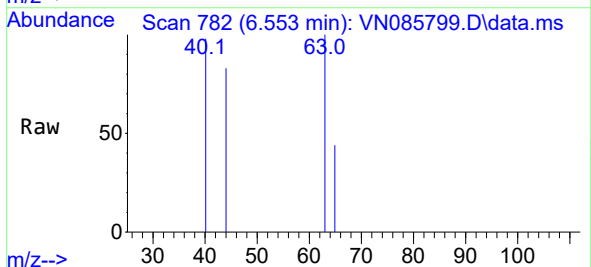
Instrument :
MSVOA_N
ClientSampleId :



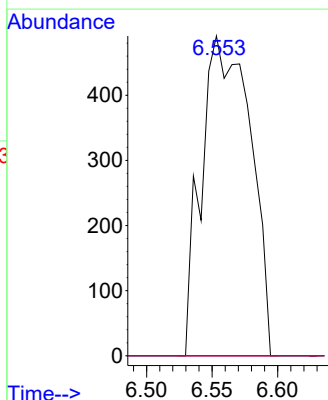
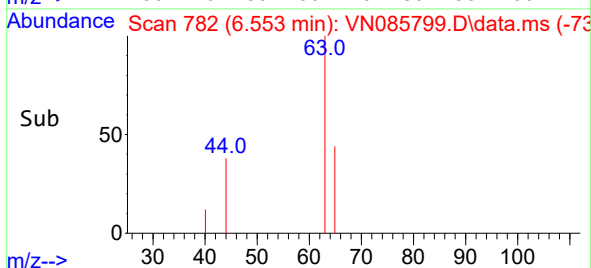
Tgt Ion: 84 Resp: 1473
Ion Ratio Lower Upper
84 100
49 77.4 88.4 132.6#
51 28.5 26.6 40.0
86 52.8 51.0 76.6

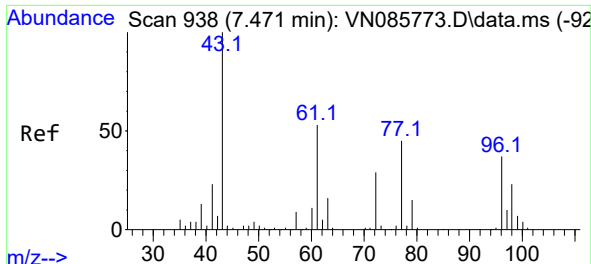


#24
1,1-Dichloroethane
Concen: 0.22 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.012 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04



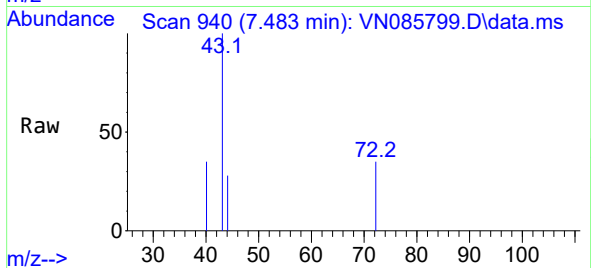
Tgt Ion: 63 Resp: 1275
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.4 7.2#



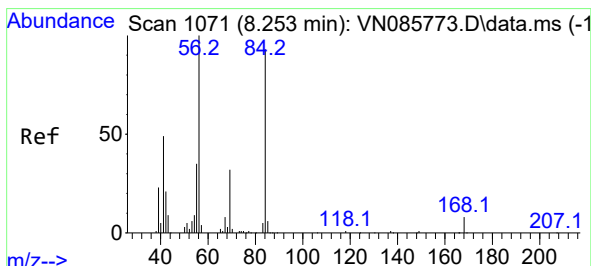
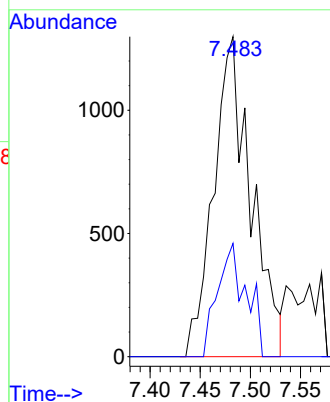
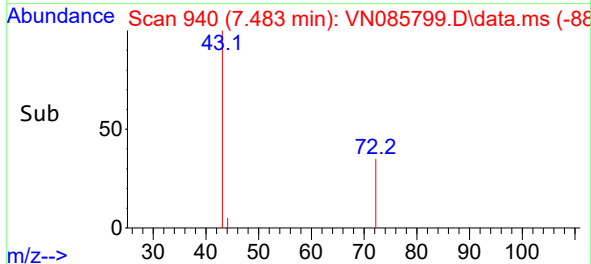


#25
2-Butanone
Concen: 2.14 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

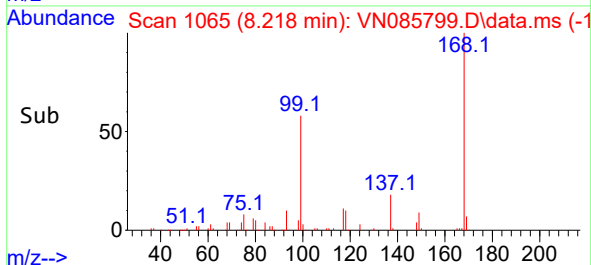
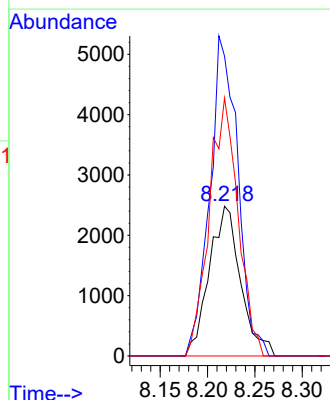
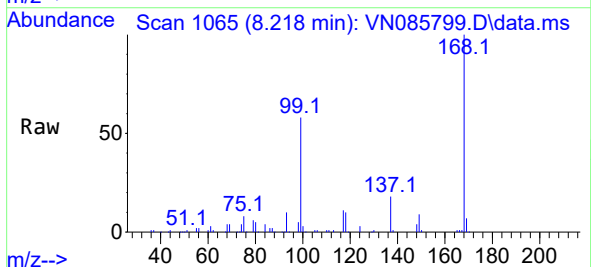


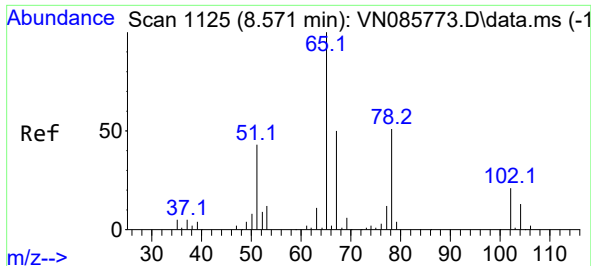
Tgt Ion: 43 Resp: 3358
Ion Ratio Lower Upper
43 100
72 35.4 23.6 35.4#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
69 200.2 25.8 38.6#
84 172.2 74.5 111.7#





#33

1,2-Dichloroethane-d4

Concen: 55.25 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

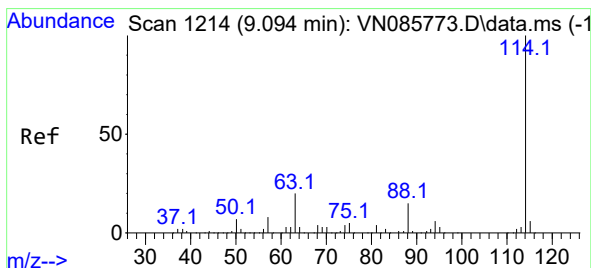
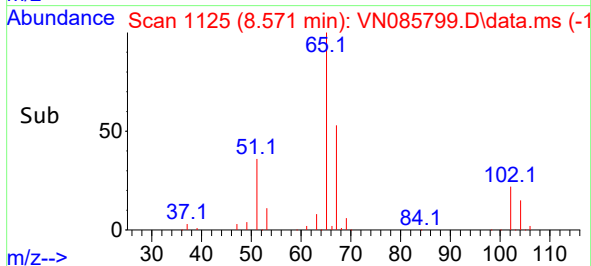
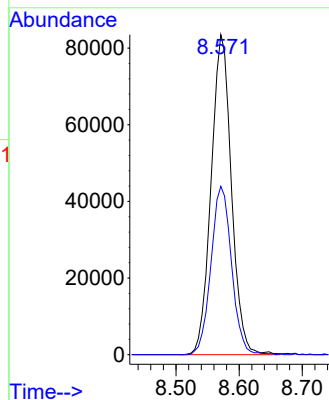
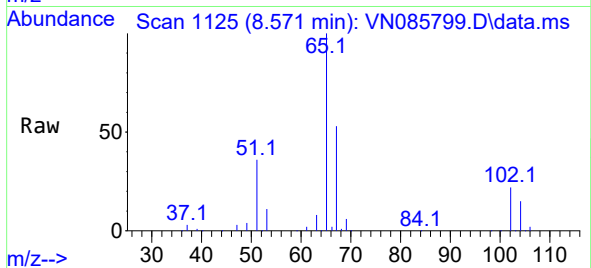
ClientSampleId :

Tgt Ion: 65 Resp: 186235

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

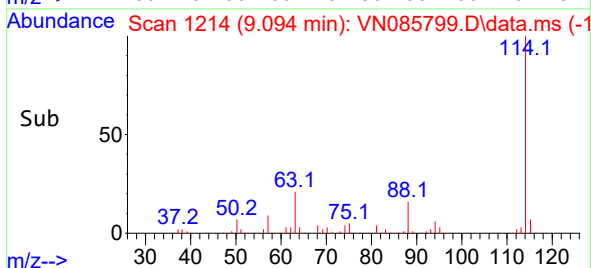
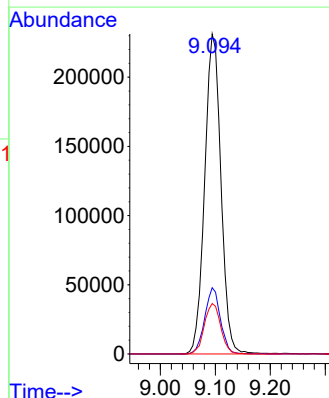
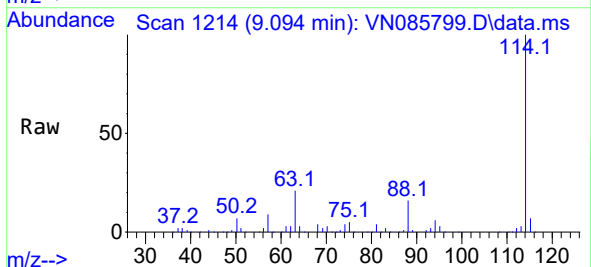
Tgt Ion: 114 Resp: 475267

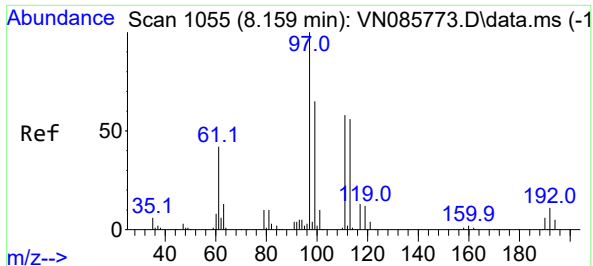
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.36 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

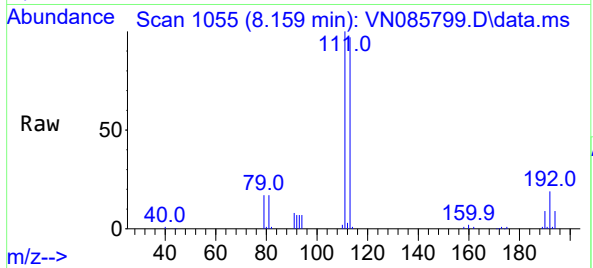
Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :



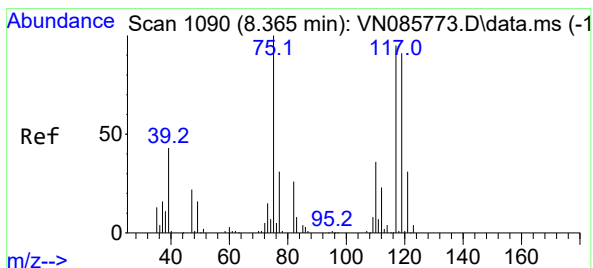
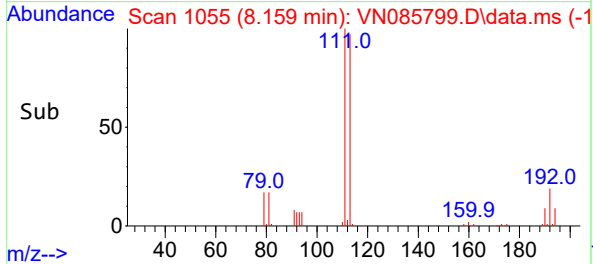
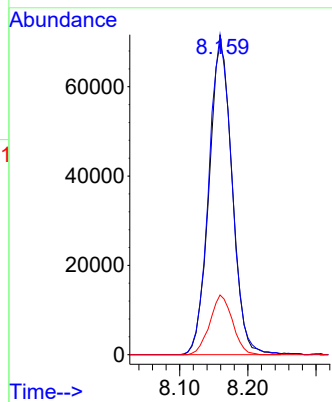
Tgt Ion:113 Resp: 165948

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 18.6 14.7 22.1



#36

1,1-Dichloropropene

Concen: 4.79 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

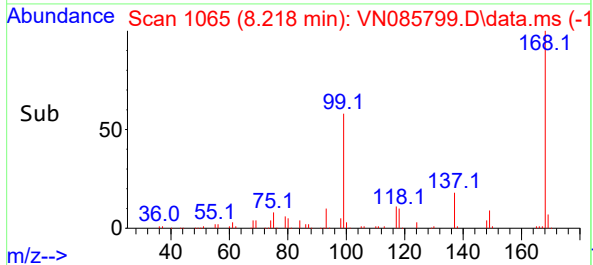
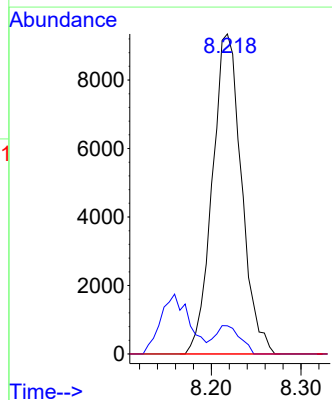
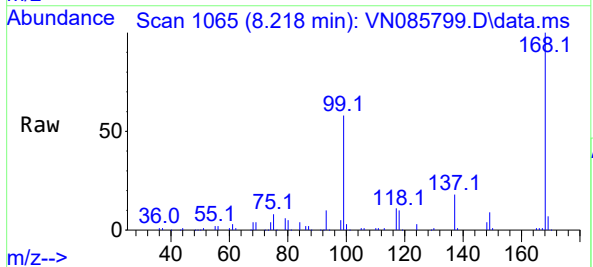
Tgt Ion: 75 Resp: 21066

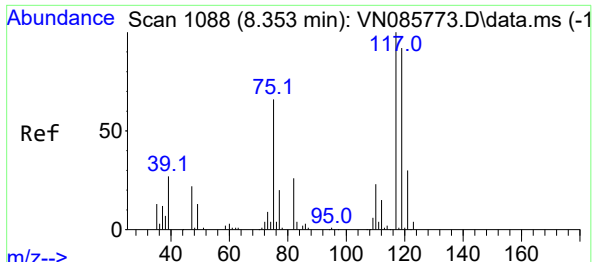
Ion Ratio Lower Upper

75 100

110 7.7 17.3 52.0#

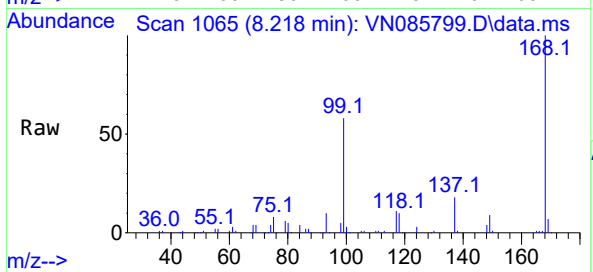
77 0.0 24.6 37.0#



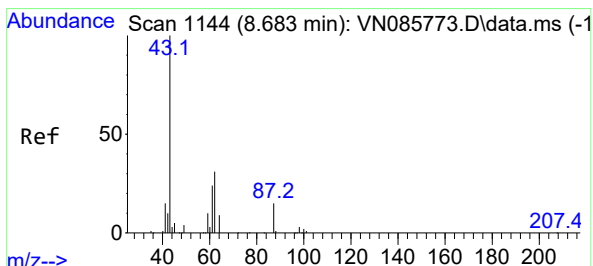
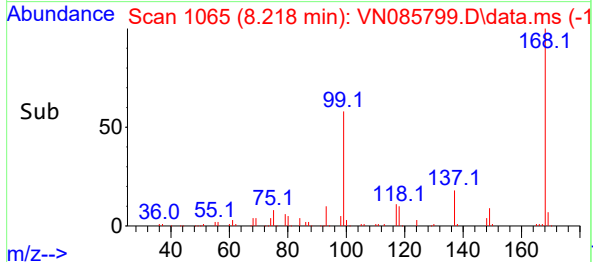
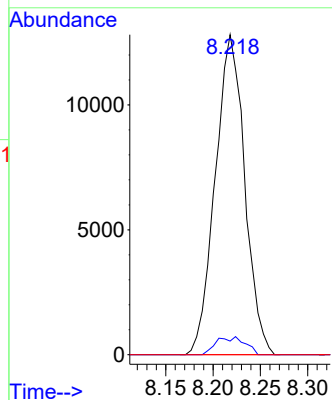


#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

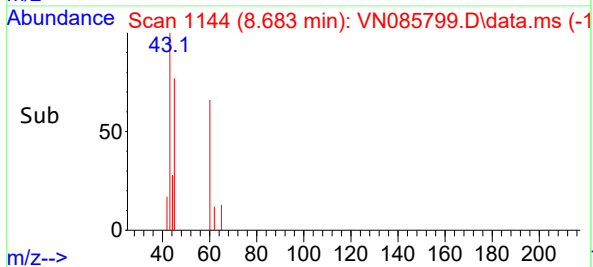
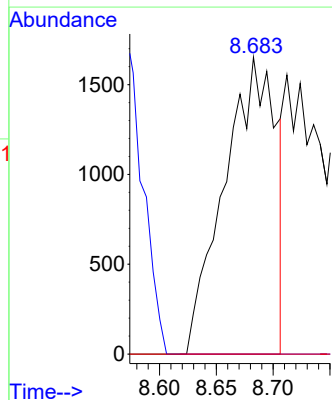
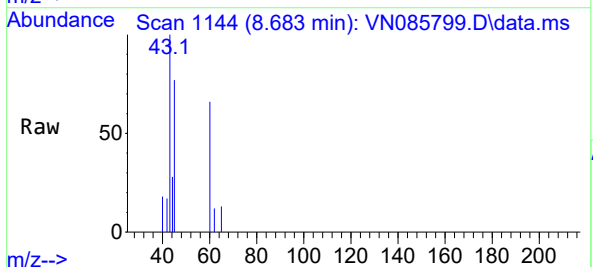


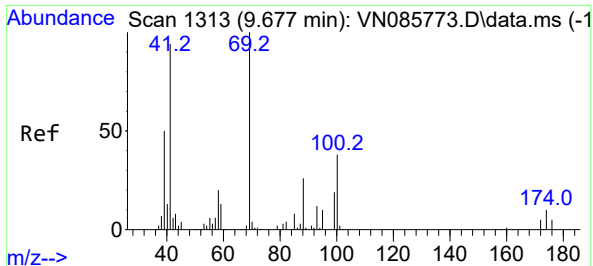
Tgt Ion:117 Resp: 27718
Ion Ratio Lower Upper
117 100
119 4.3 73.8 110.6#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.28 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 5229
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#





#48

Methyl methacrylate

Concen: 0.32 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

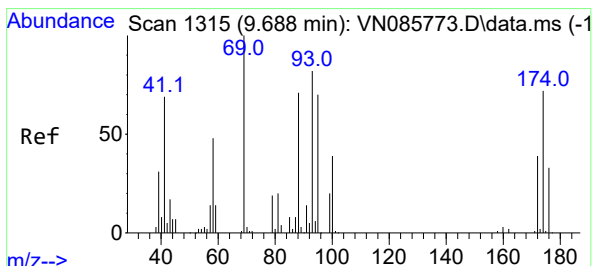
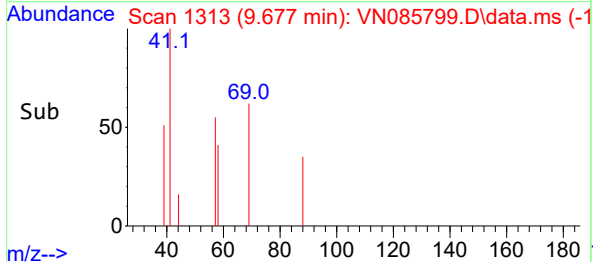
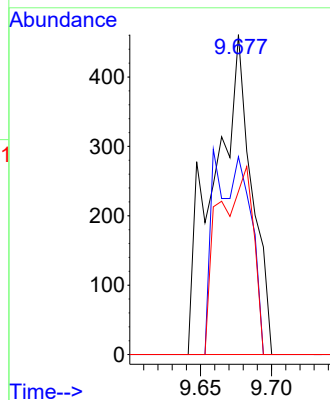
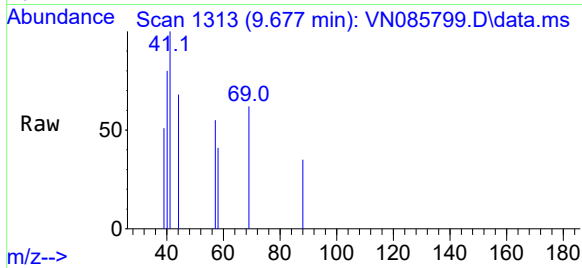
Tgt Ion: 41 Resp: 854

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 53.7 42.3 63.5



#49

1,4-Dioxane

Concen: 11.94 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

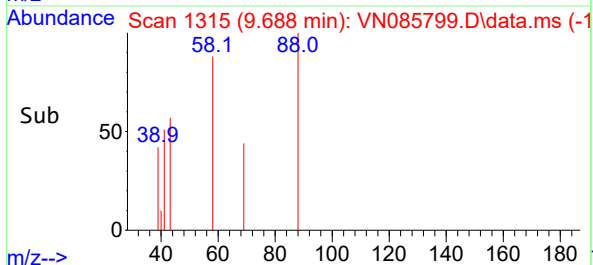
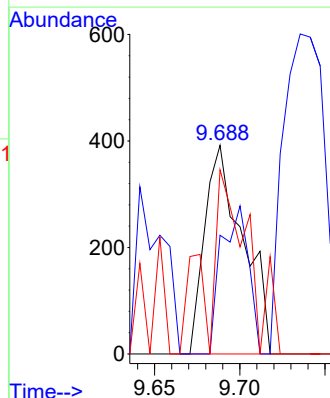
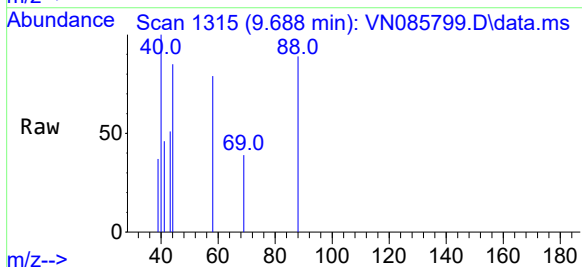
Tgt Ion: 88 Resp: 611

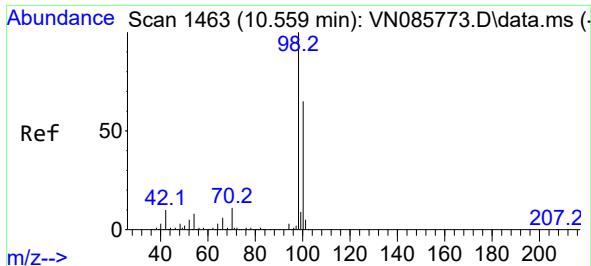
Ion Ratio Lower Upper

88 100

43 0.0 18.6 27.8#

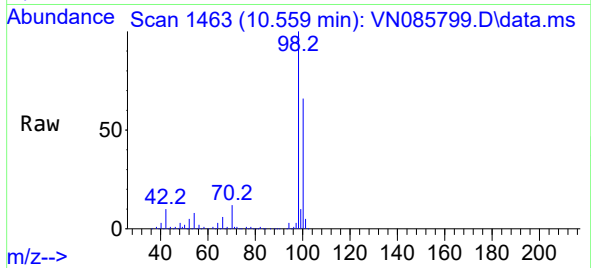
58 94.6 56.7 85.1#



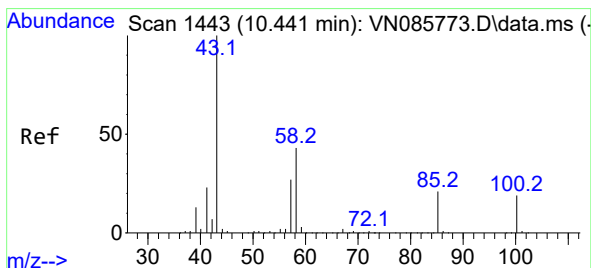
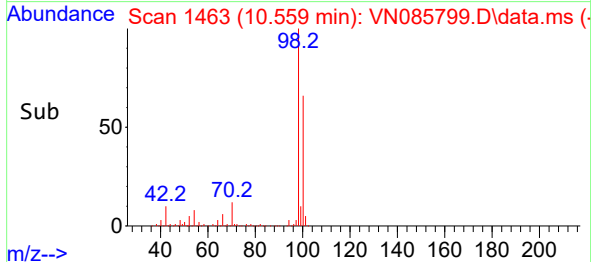
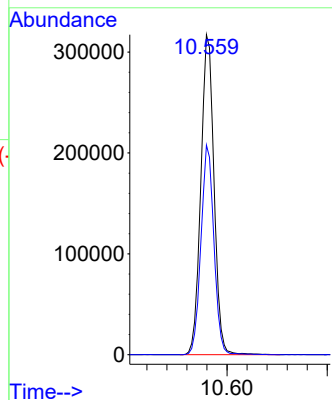


#50
Toluene-d8
Concen: 51.20 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

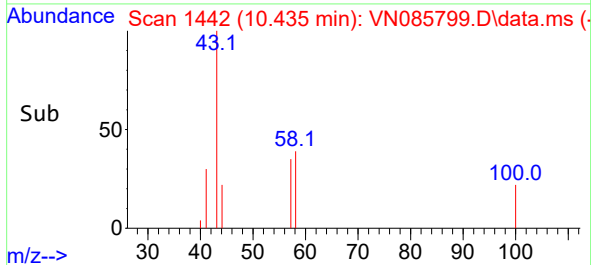
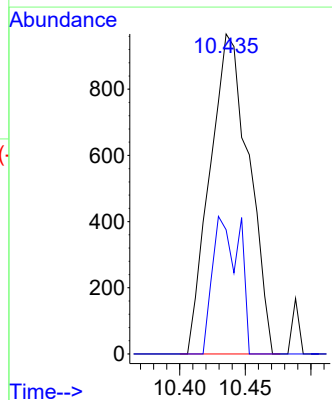
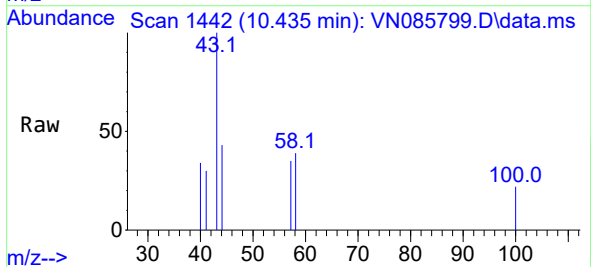


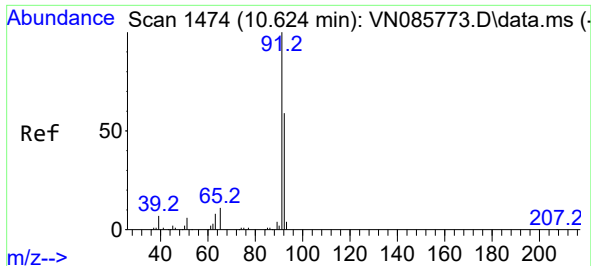
Tgt Ion: 98 Resp: 579319
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 29.4 34.6 52.0#

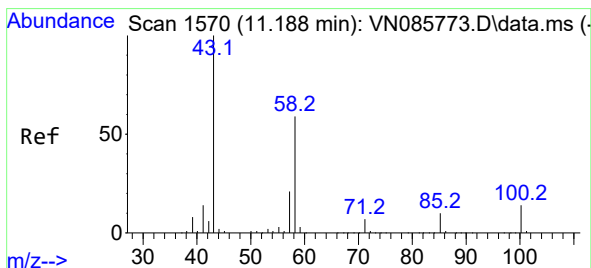
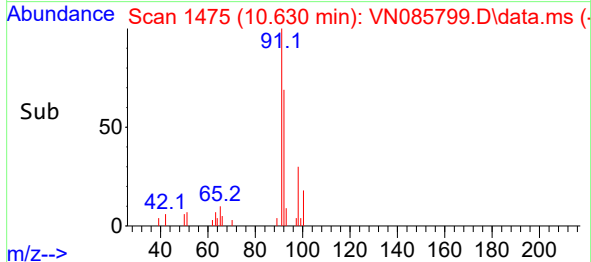
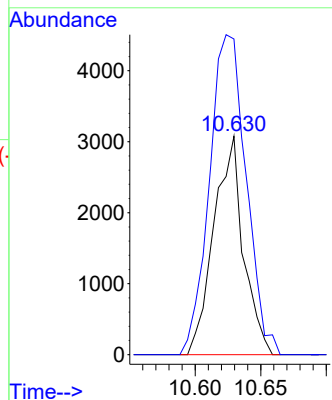
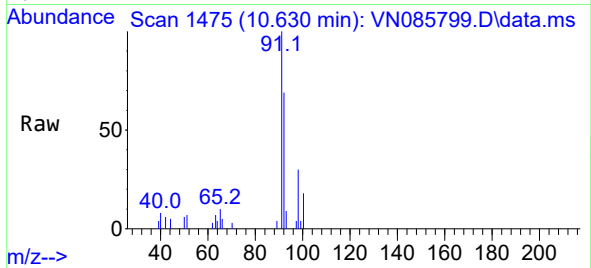




#52
Toluene
Concen: 0.58 ug/l
RT: 10.630 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

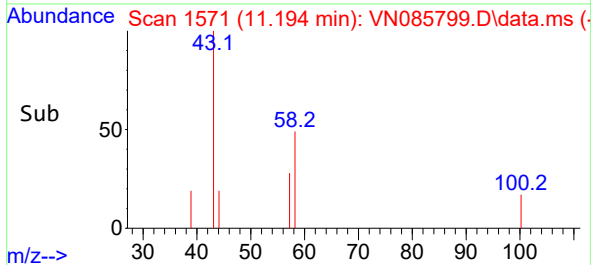
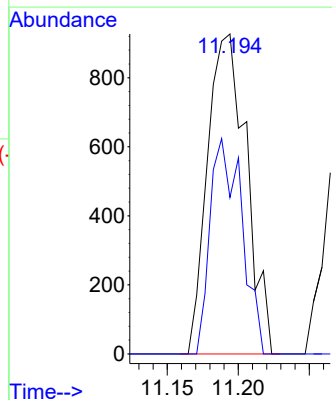
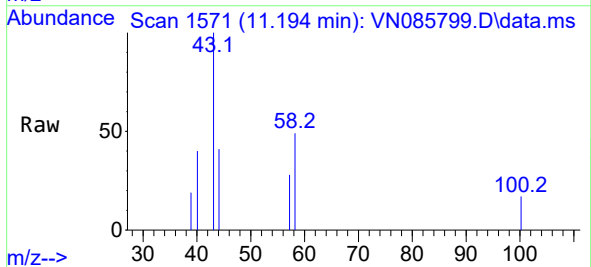
Instrument :
MSVOA_N
ClientSampleId :

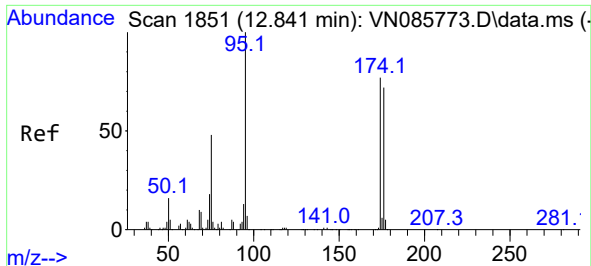
Tgt Ion: 92 Resp: 4815
Ion Ratio Lower Upper
92 100
91 182.8 136.9 205.3



#59
2-Hexanone
Concen: 0.74 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 54.6 29.8 89.5

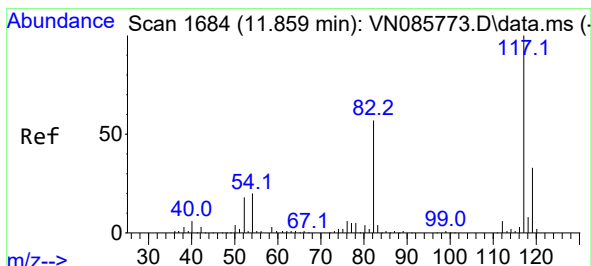
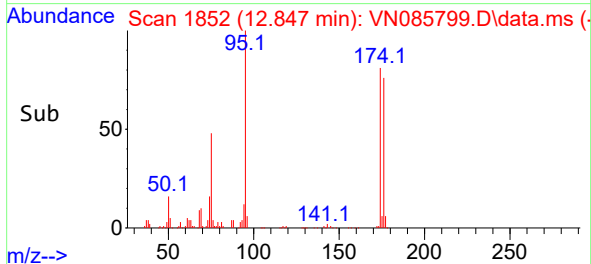
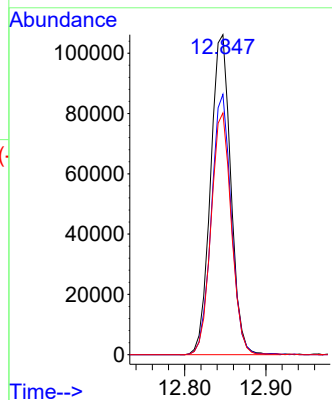
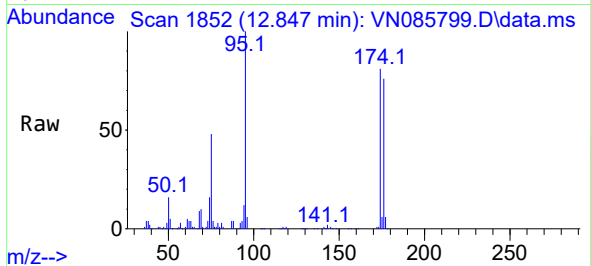




#62
4-Bromofluorobenzene
Concen: 49.27 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

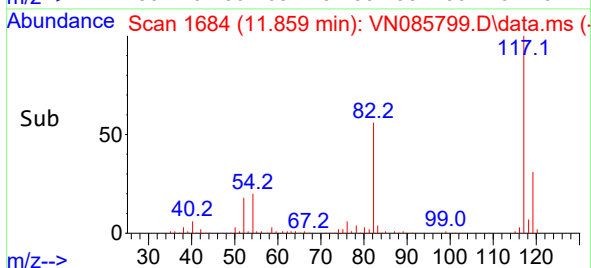
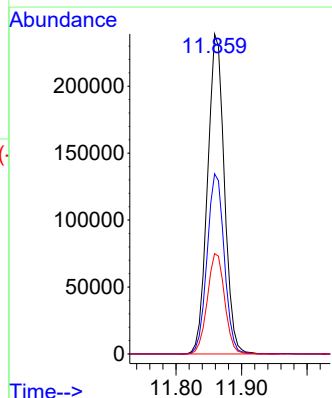
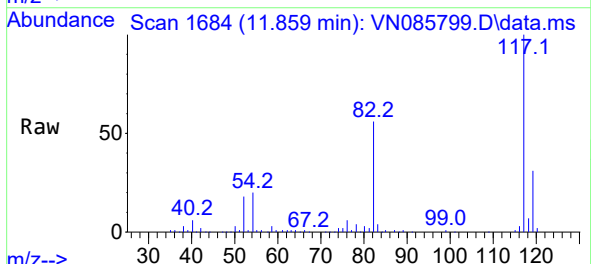
Instrument :
MSVOA_N
ClientSampleId :

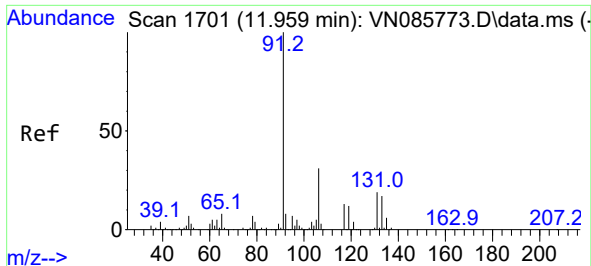
Tgt Ion: 95 Resp: 183682
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.4
176 75.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 117 Resp: 426378
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 31.4 26.2 39.2

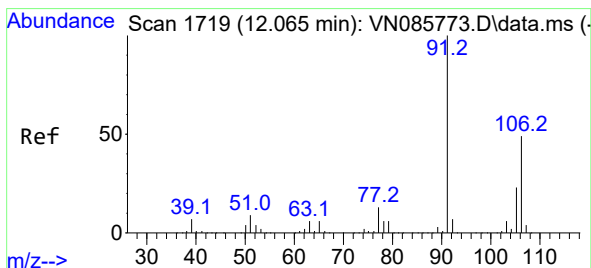
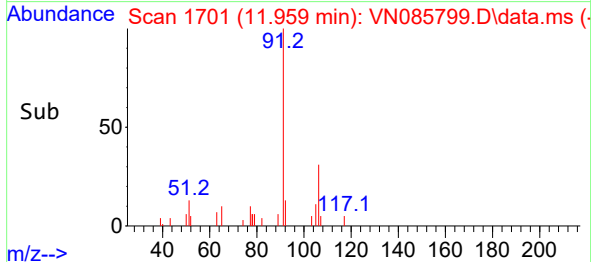
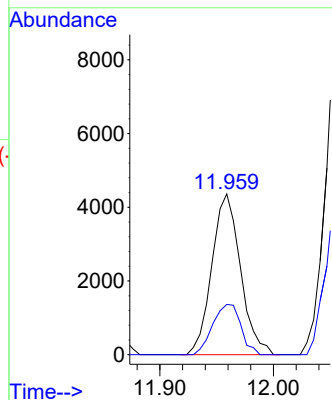
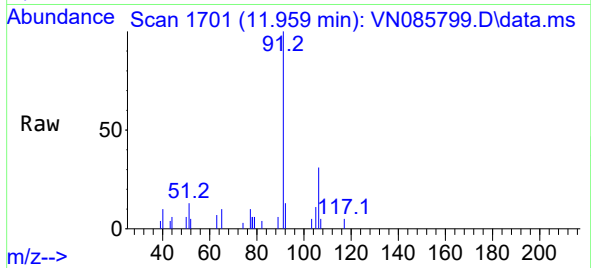




#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

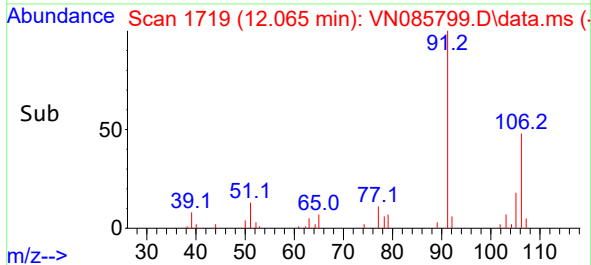
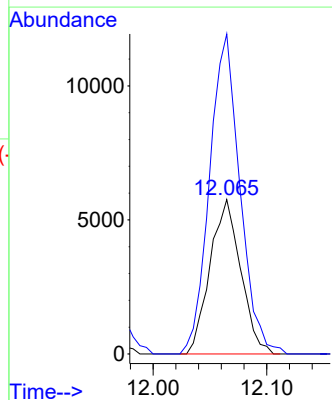
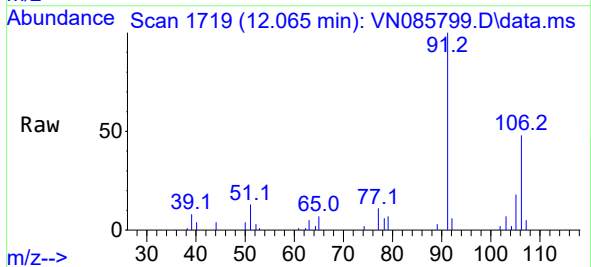
Instrument :
MSVOA_N
ClientSampleId :

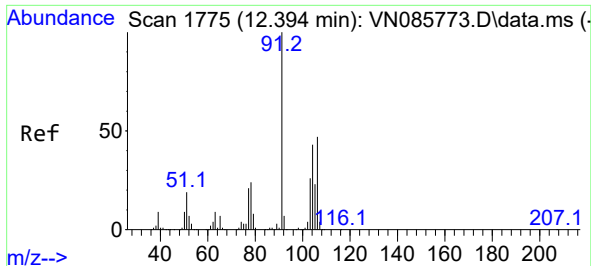
Tgt Ion: 91 Resp: 7645
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1



#68
m/p-Xylenes
Concen: 1.86 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

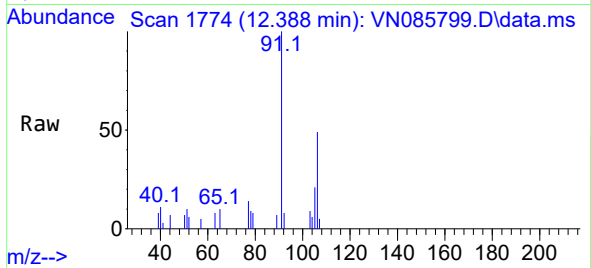
Tgt Ion: 106 Resp: 10827
Ion Ratio Lower Upper
106 100
91 204.8 163.3 244.9



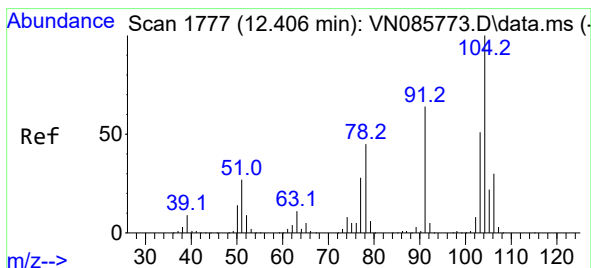
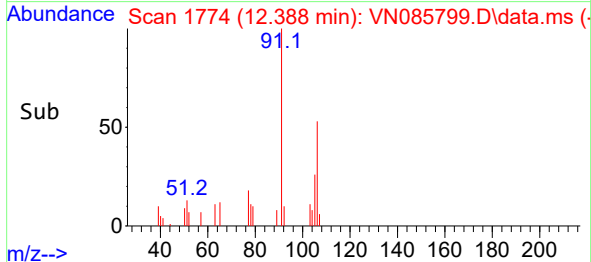
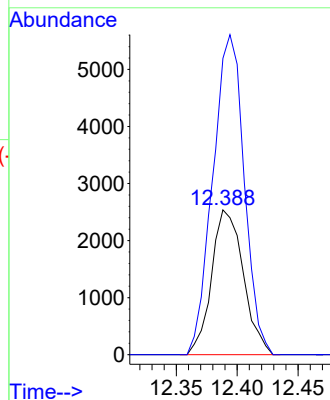


#69
o-Xylene
Concen: 0.83 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

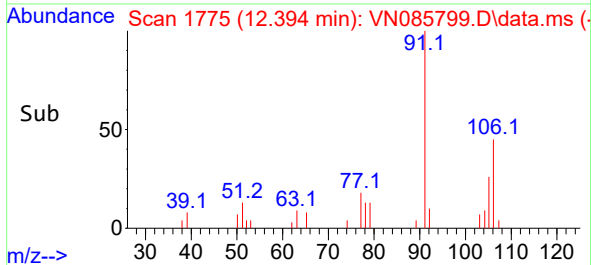
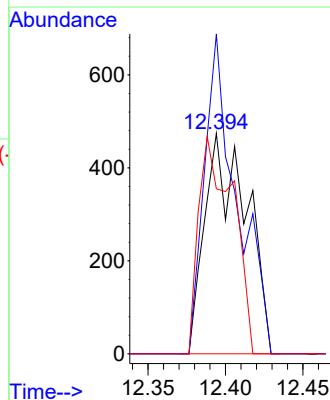
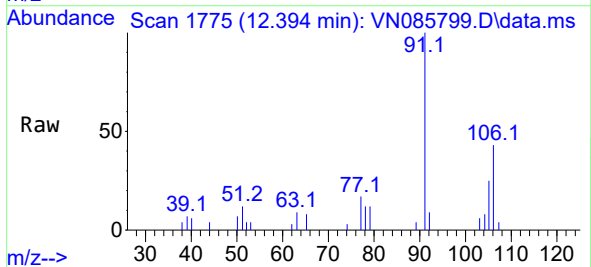


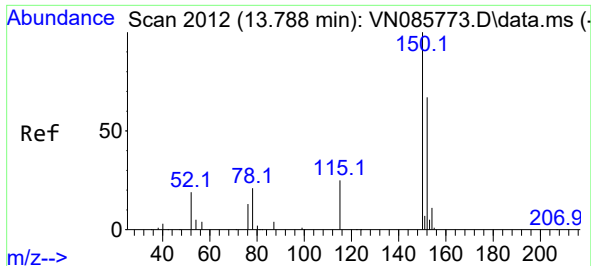
Tgt Ion:106 Resp: 4599
Ion Ratio Lower Upper
106 100
91 218.8 107.1 321.4



#70
Styrene
Concen: 0.68 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

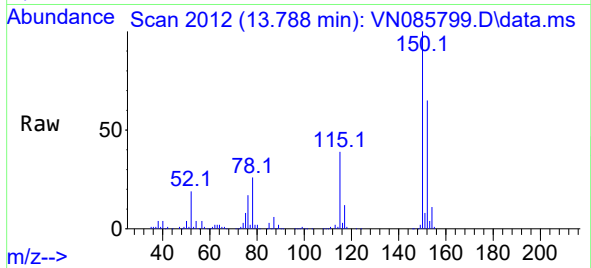
Tgt Ion:104 Resp: 887
Ion Ratio Lower Upper
104 100
78 112.5 39.0 58.6#
103 81.3 43.3 64.9#



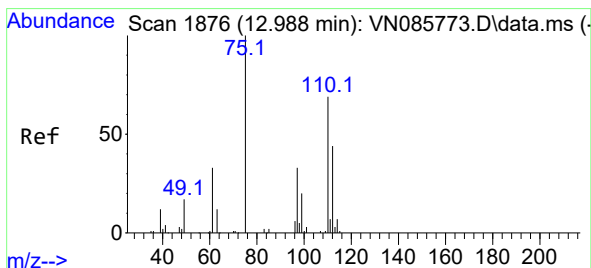
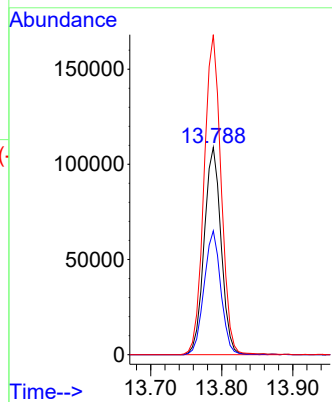
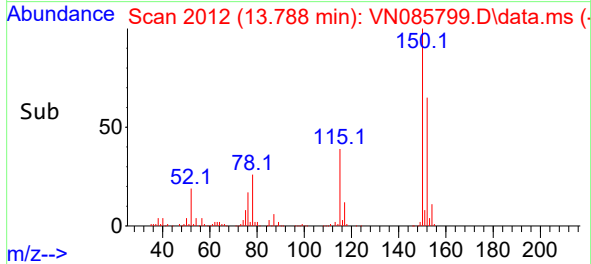


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

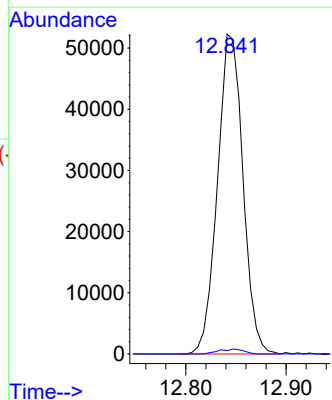
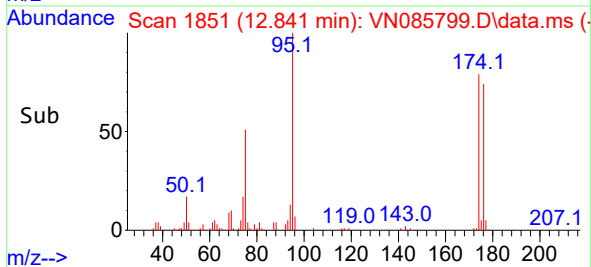
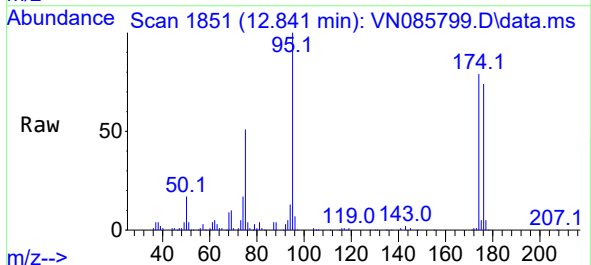


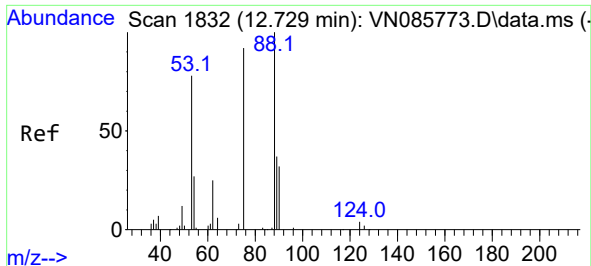
Tgt Ion:152 Resp: 180515
Ion Ratio Lower Upper
152 100
115 59.3 30.4 91.3
150 155.9 0.0 345.4



#76
1,2,3-Trichloropropane
Concen: 23.01 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

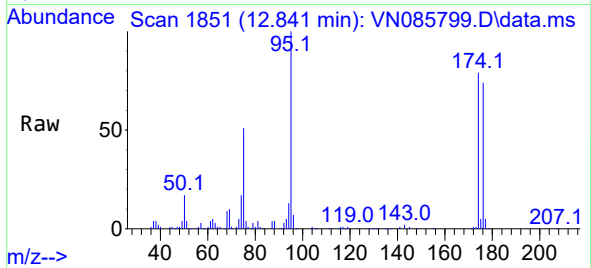
Tgt Ion: 75 Resp: 92274
Ion Ratio Lower Upper
75 100
77 1.5 100.0 300.0#



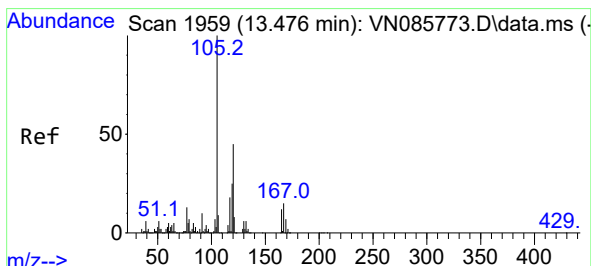
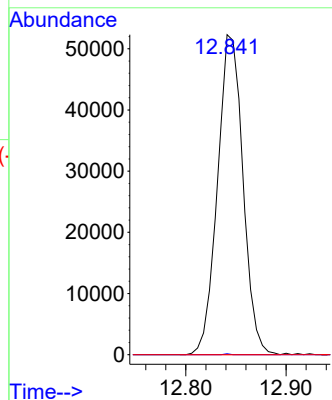
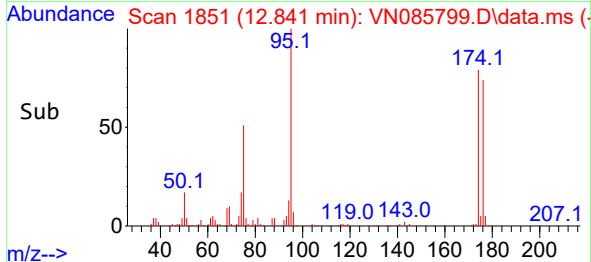


#81
trans-1,4-Dichloro-2-butene
Concen: 67.14 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.112 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

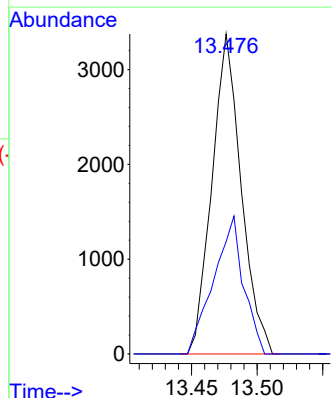
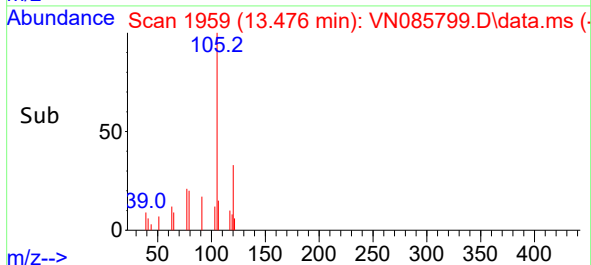
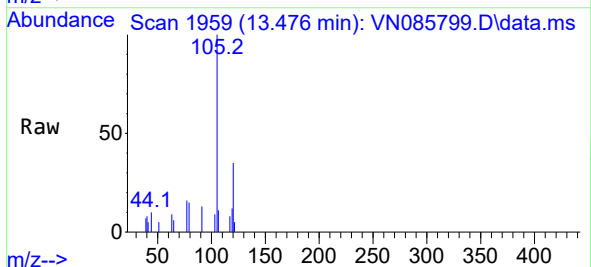


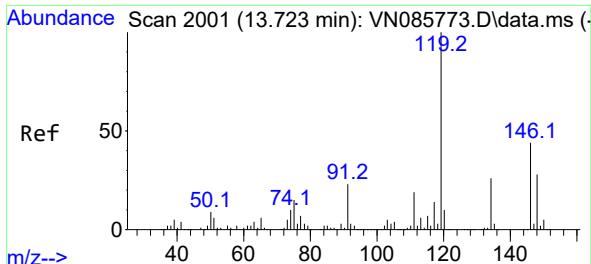
Tgt Ion: 75 Resp: 92274
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.52 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

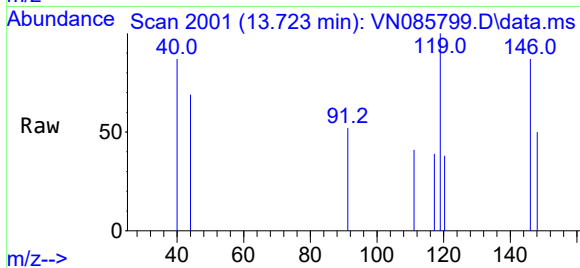
Tgt Ion: 105 Resp: 5225
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3



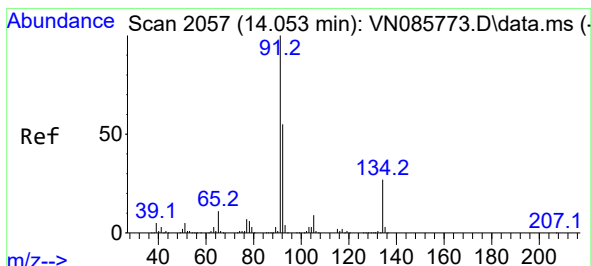
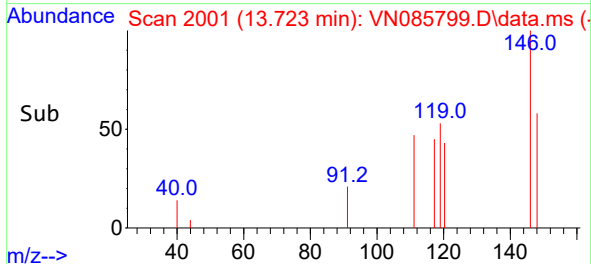
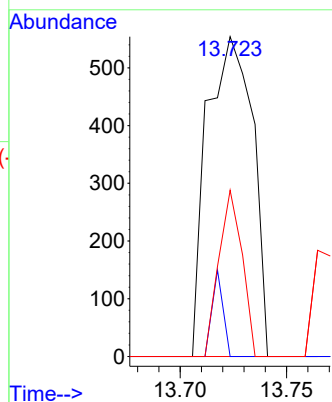


#86
p-Isopropyltoluene
Concen: 0.71 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

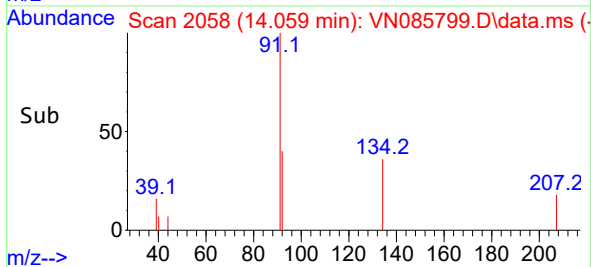
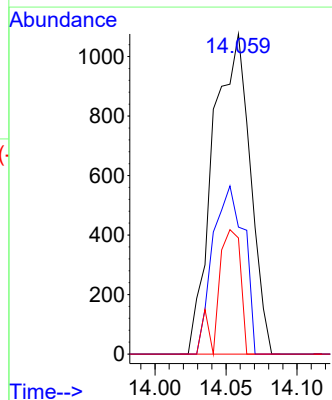
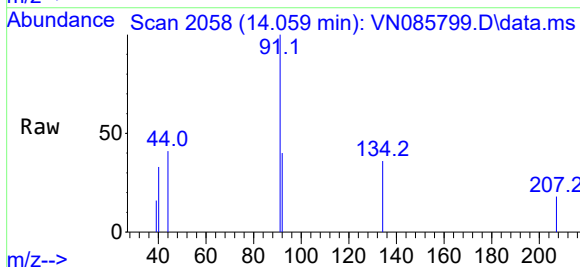


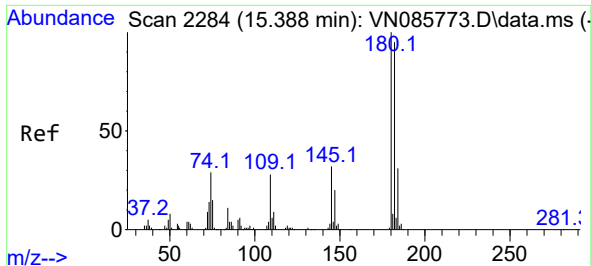
Tgt Ion:119 Resp: 825
Ion Ratio Lower Upper
119 100
134 6.4 13.0 39.0#
91 26.5 11.7 35.1



#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 91 Resp: 1959
Ion Ratio Lower Upper
91 100
92 44.2 27.1 81.3
134 23.6 12.7 38.1





#93

1,2,4-Trichlorobenzene

Concen: 0.56 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

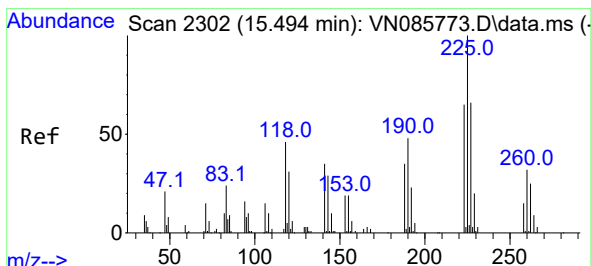
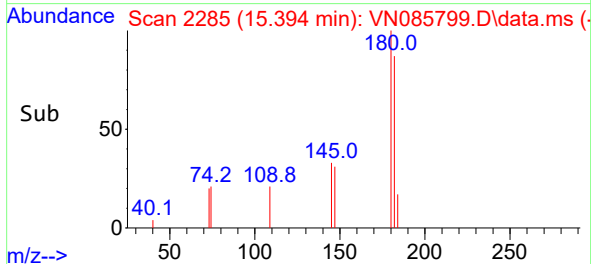
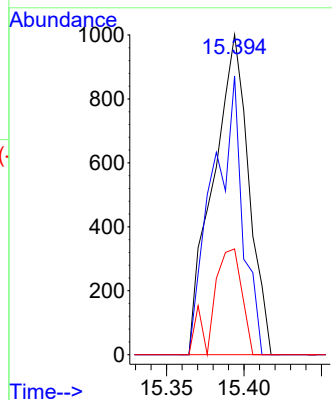
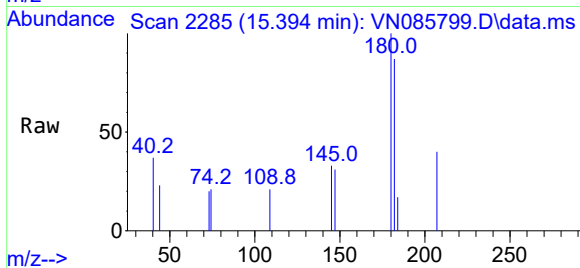
Tgt Ion:180 Resp: 1600

Ion Ratio Lower Upper

180 100

182 73.4 47.3 141.9

145 26.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 0.65 ug/l

RT: 15.488 min Scan# 2301

Delta R.T. -0.006 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

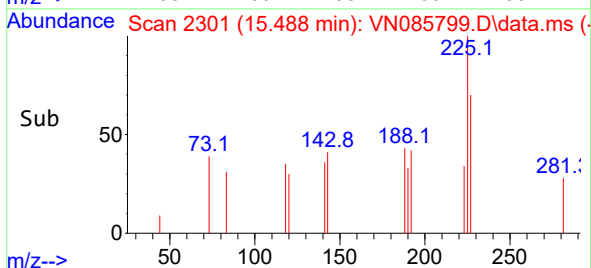
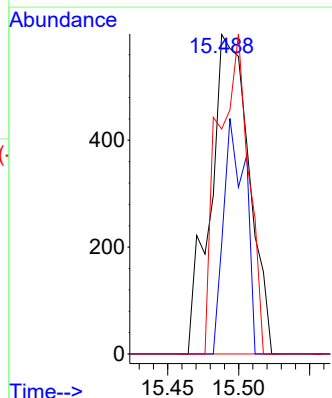
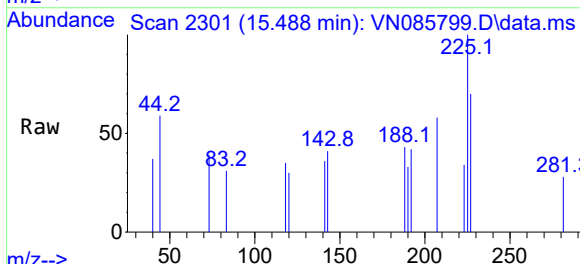
Tgt Ion:225 Resp: 1129

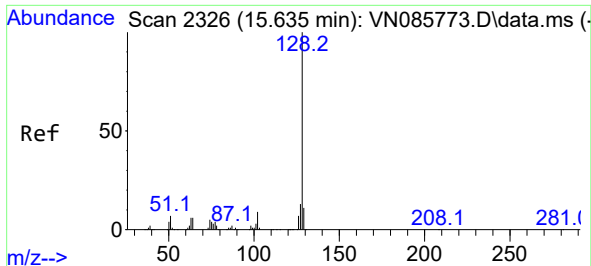
Ion Ratio Lower Upper

225 100

223 41.5 31.9 95.5

227 79.2 32.2 96.6

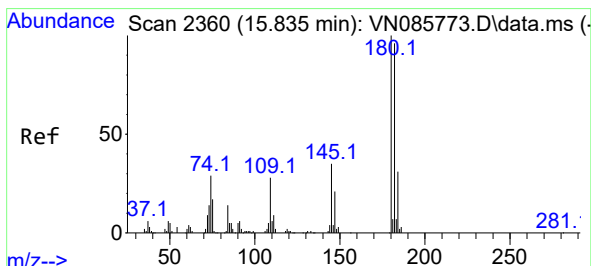
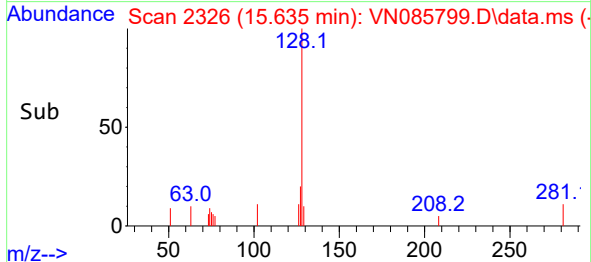
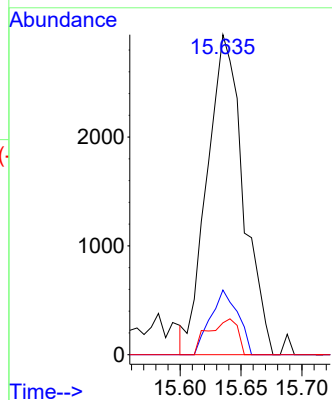
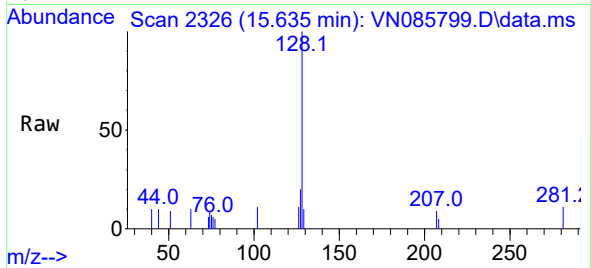




#95
Naphthalene
Concen: 0.77 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6076
Ion Ratio Lower Upper
128 100
127 15.3 10.2 15.2#
129 9.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.59 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion:180 Resp: 1686
Ion Ratio Lower Upper
180 100
182 105.5 47.3 141.8
145 24.7 16.9 50.6

