

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085234.D
 Acq On : 17 Dec 2024 19:10
 Operator : JC\MD
 Sample : P5291-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:31:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105753	46.684	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	8.165	113	85223	47.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.565	98	322471	49.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.847	95	126644	52.250	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.500%

Target Compounds			Qvalue			
3) Chloromethane	2.354	50	987	0.473	ug/l #	40
6) Chloroethane	3.142	64	326	0.258	ug/l #	44
13) Acrolein	4.153	56	56	0.277	ug/l #	1
16) Acetone	4.436	43	3959	6.001	ug/l	89
17) Carbon Disulfide	4.718	76	1057	0.212	ug/l #	77
18) Methyl Acetate	5.247	43	861	Below Cal	#	50
25) 2-Butanone	7.500	43	771	0.715	ug/l #	48
28) Bromochloromethane	7.965	49	1878	1.452	ug/l #	14
29) Tetrahydrofuran	8.006	42	784	1.169	ug/l #	11
30) Chloroform	7.965	83	26863	7.368	ug/l	93
31) Cyclohexane	8.253	56	21547	7.141	ug/l #	87
36) 1,1-Dichloropropene	8.224	75	13174	5.378	ug/l #	50
37) Ethyl Acetate	7.500	43	771	0.346	ug/l #	67
38) Carbon Tetrachloride	8.224	117	16573	5.861	ug/l #	15
39) Methylcyclohexane	9.600	83	23376	9.183	ug/l	98
40) Benzene	8.606	78	7030	0.907	ug/l	95
41) Methacrylonitrile	7.936	41	486	0.394	ug/l #	23
43) Isopropyl Acetate	8.694	43	5593	1.209	ug/l #	55
47) Bromodichloromethane	9.865	83	1428	0.508	ug/l #	26
48) Methyl methacrylate	9.606	41	15086	8.764	ug/l #	73
51) 4-Methyl-2-Pentanone	10.441	43	1436	0.680	ug/l #	86
52) Toluene	10.630	92	618303	134.805	ug/l	100
53) t-1,3-Dichloropropene	10.630	75	8066	2.863	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	6895	4.036	ug/l #	20
56) Ethyl methacrylate	10.906	69	1577	0.632	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.100	63	1072	0.875	ug/l #	46
59) 2-Hexanone	11.312	43	638	0.404	ug/l	64
60) Dibromochloromethane	11.106	129	752	0.360	ug/l #	10
64) Tetrachloroethene	11.106	164	877	0.532	ug/l	94
65) Chlorobenzene	12.041	112	2472	0.446	ug/l #	42
67) Ethyl Benzene	11.965	91	5089929	565.477	ug/l	99
68) m/p-Xylenes	12.071	106	3333649	972.790	ug/l	99
69) o-Xylene	12.394	106	1688297	517.914	ug/l	98
70) Styrene	12.400	104	106407	19.629	ug/l #	1
71) Bromoform	12.847	173	737	0.508	ug/l #	1
73) Isopropylbenzene	12.694	105	220637	28.811	ug/l	100

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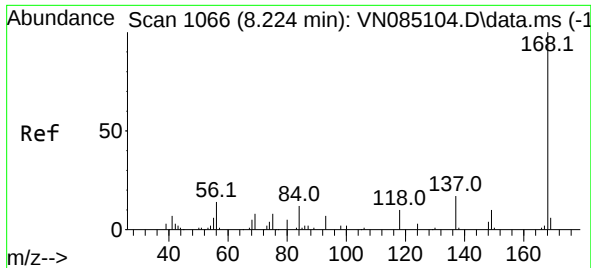
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	13.035	75	3992	2.022	ug/l #	1
78) n-propylbenzene	13.035	91	545842	61.796	ug/l	100
79) 2-Chlorotoluene	13.129	91	71888	12.192	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.171	105	788278	122.666	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.694	75	2736	3.059	ug/l #	66
82) 4-Chlorotoluene	13.171	91	89450	14.572	ug/l #	42
83) tert-Butylbenzene	13.482	119	596903	107.955	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	5137382	776.646	ug/l	99
85) sec-Butylbenzene	13.482	105	5137313	687.803	ug/l #	57
86) p-Isopropyltoluene	13.670	119	20068	3.255	ug/l #	73
89) n-Butylbenzene	13.994	91	233846	40.783	ug/l #	45
90) Hexachloroethane	14.329	117	28849	21.465	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.729	75	391	0.773	ug/l #	5
95) Naphthalene	15.635	128	1675313	277.966	ug/l	99

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

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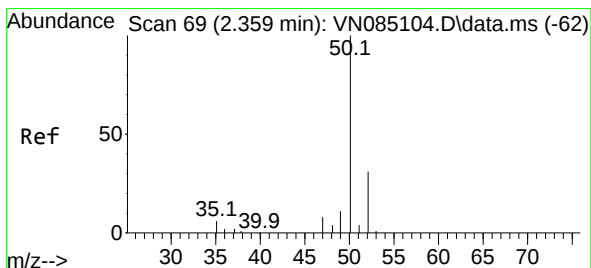
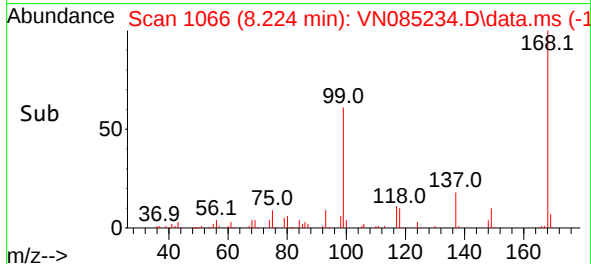
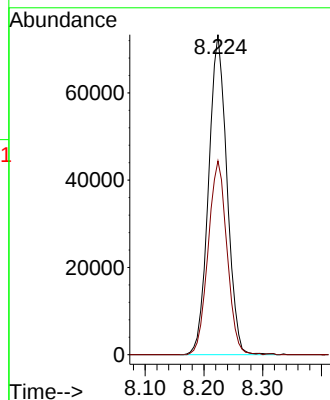
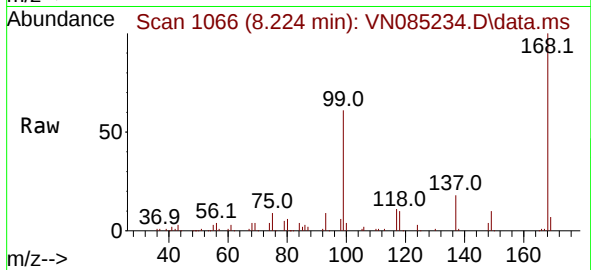




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

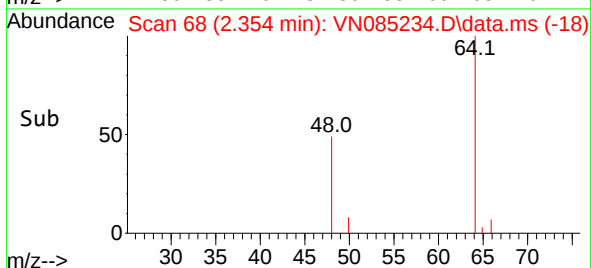
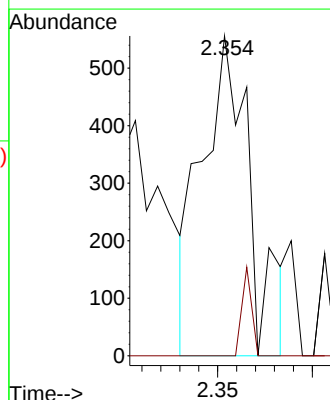
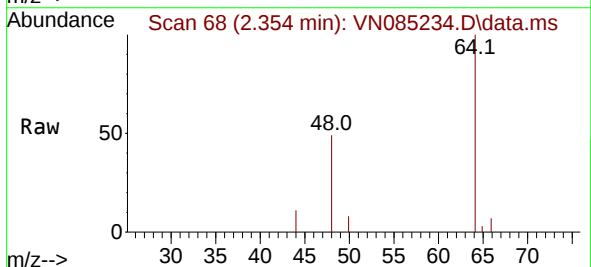
Instrument :
MSVOA_N
ClientSampleId :

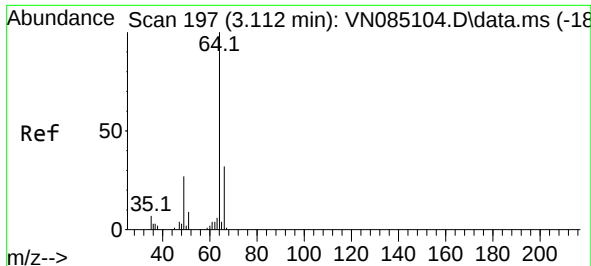
Tgt Ion:168 Resp: 159032
Ion Ratio Lower Upper
168 100
99 60.5 51.2 76.8



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 50 Resp: 987
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

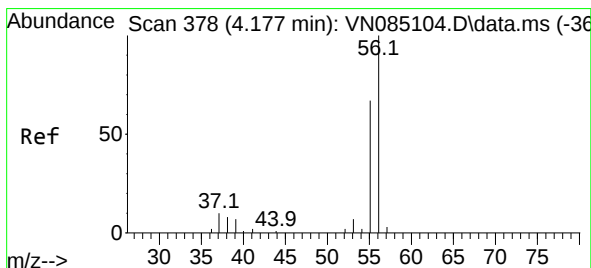
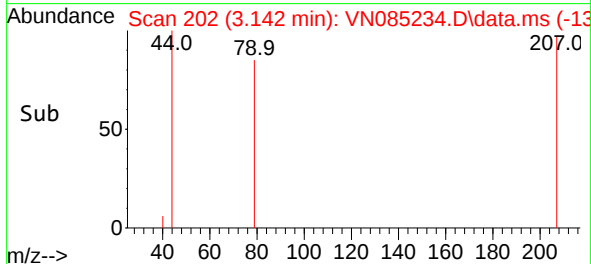
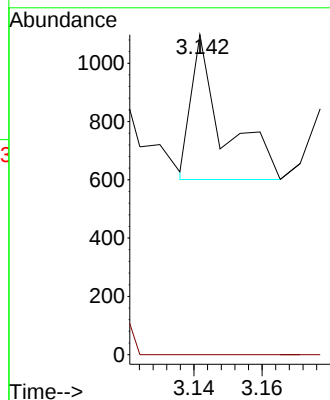
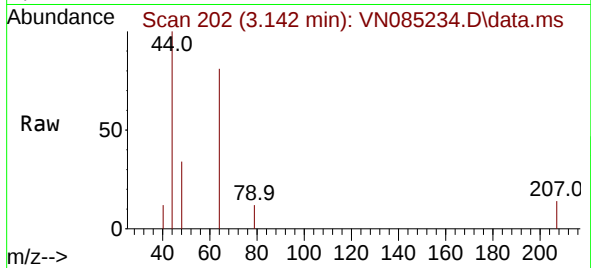




#6
Chloroethane
Concen: 0.258 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.076 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

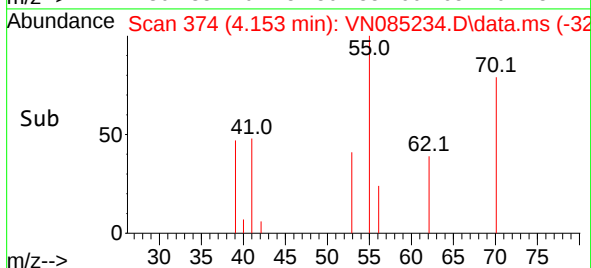
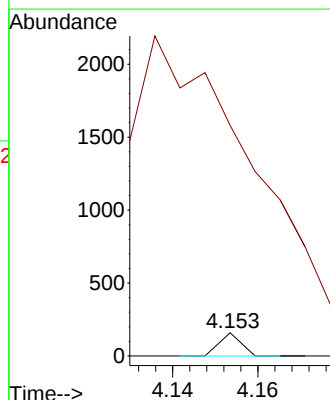
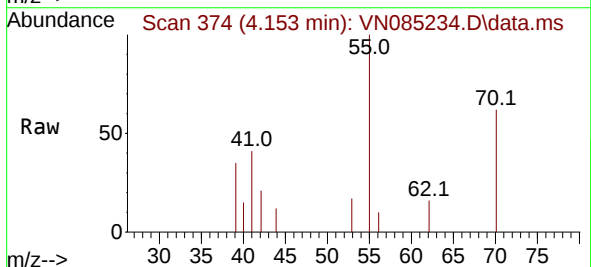
Instrument :
MSVOA_N
ClientSampleId :

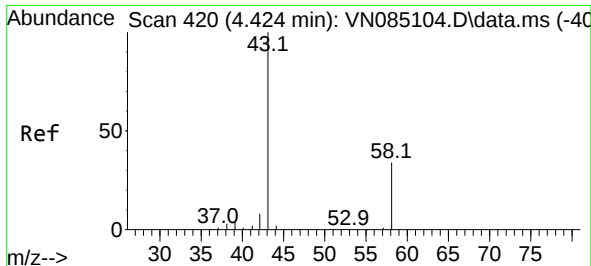
Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#13
Acrolein
Concen: 0.277 ug/l
RT: 4.153 min Scan# 374
Delta R.T. -0.012 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 10082.1 54.5 81.7#

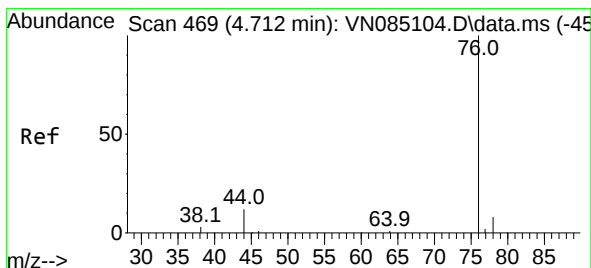
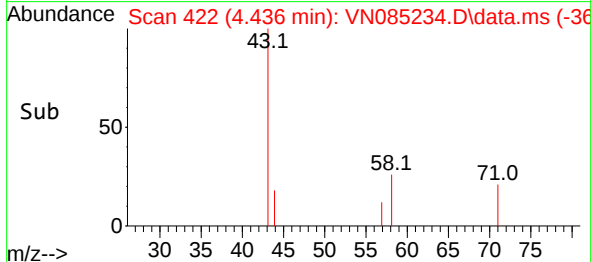
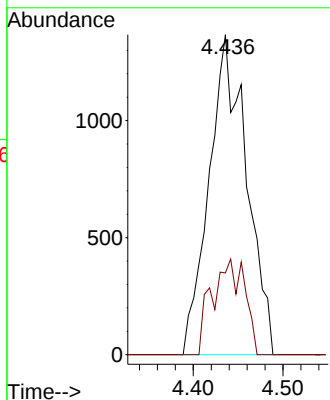
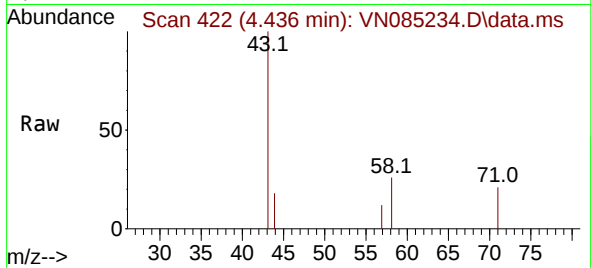




#16
Acetone
Concen: 6.001 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

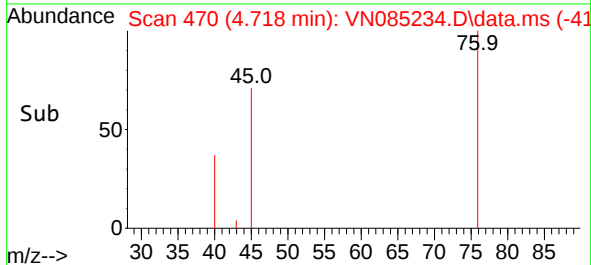
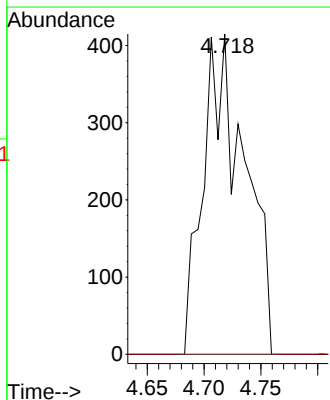
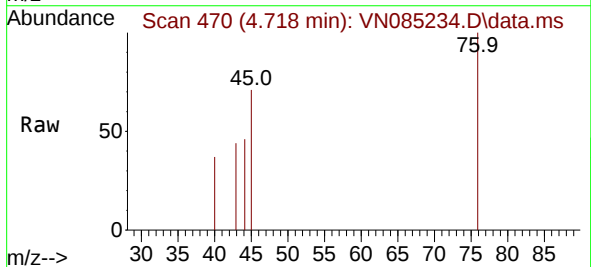
Instrument :
MSVOA_N
ClientSampleId :

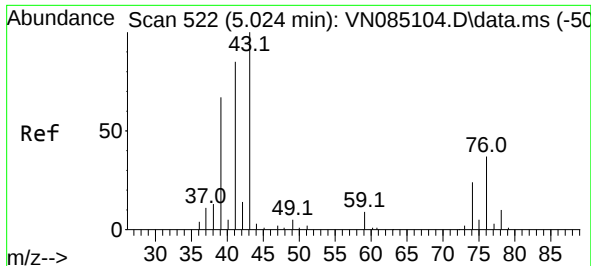
Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
58 25.5 25.4 38.2



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.023 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 76 Resp: 1057
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.247 min Scan# 5

Delta R.T. 0.229 min

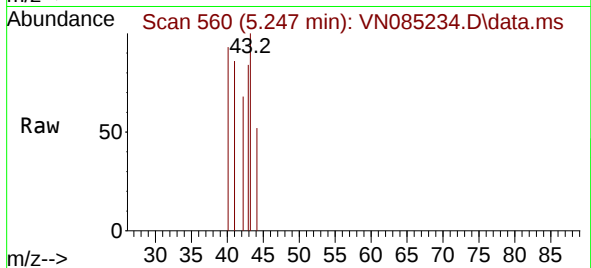
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Instrument :

MSVOA_N

ClientSampleId :

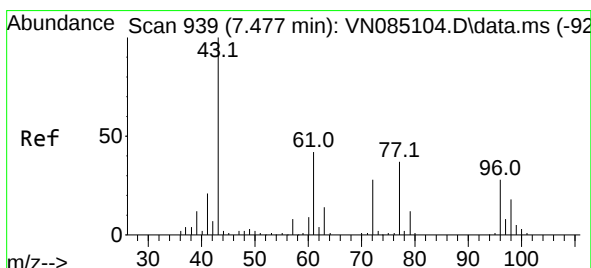
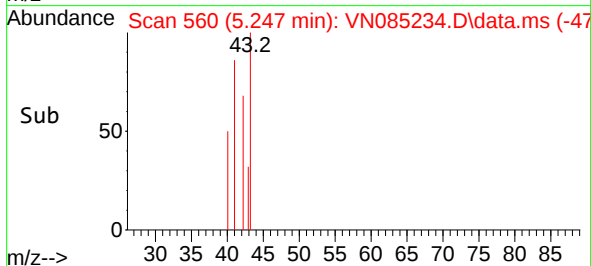
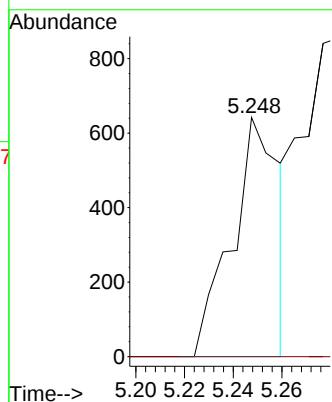


Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

43 100

74 0.0 20.1 30.1#



#25

2-Butanone

Concen: 0.715 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.018 min

Lab File: VN085234.D

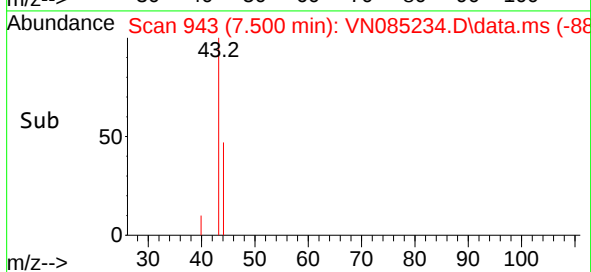
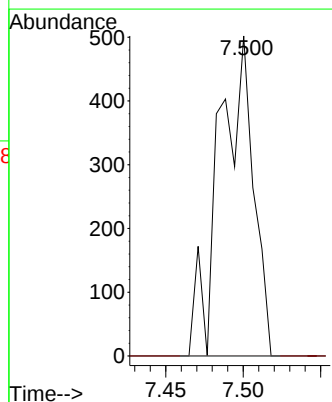
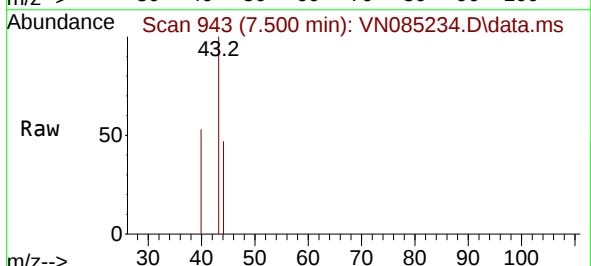
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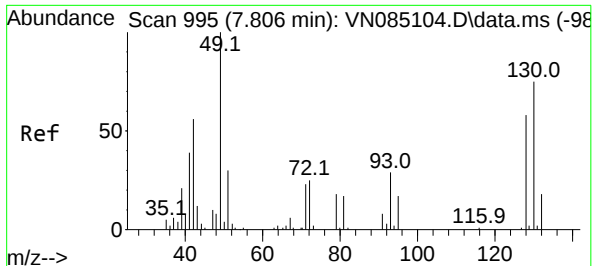
Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

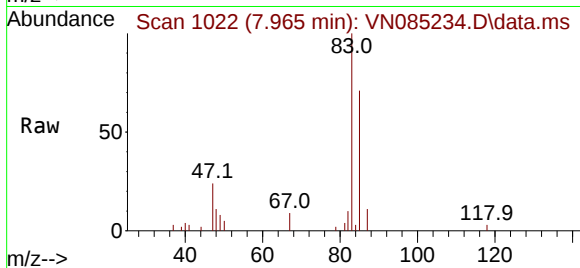
72 0.0 21.4 32.0#



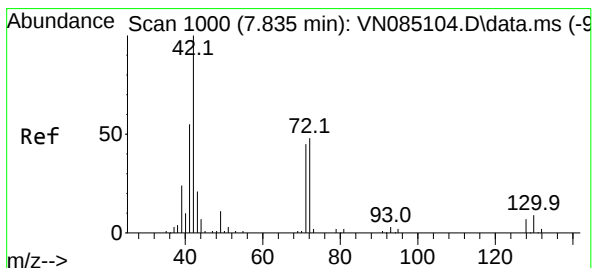
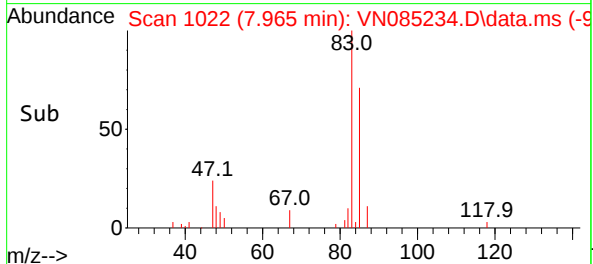
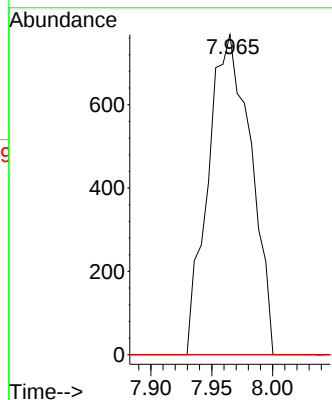


#28
Bromochloromethane
Concen: 1.452 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.159 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :

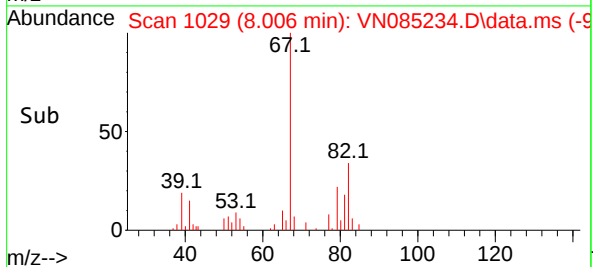
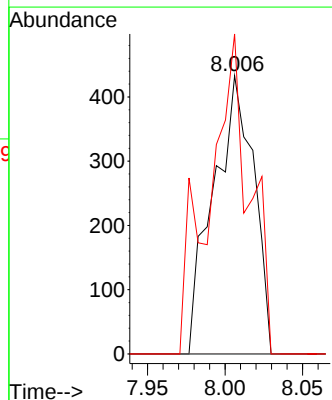
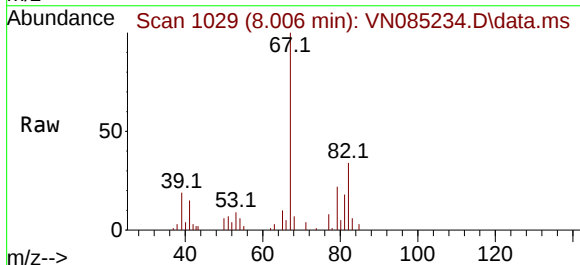


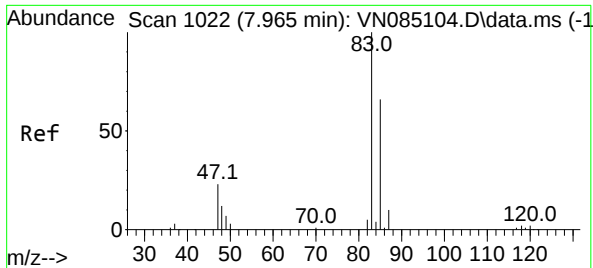
Tgt Ion: 49 Resp: 1878
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.6 90.8#



#29
Tetrahydrofuran
Concen: 1.169 ug/l
RT: 8.006 min Scan# 1029
Delta R.T. 0.171 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 42 Resp: 784
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 114.4 35.0 52.4#





#30

Chloroform

Concen: 7.368 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

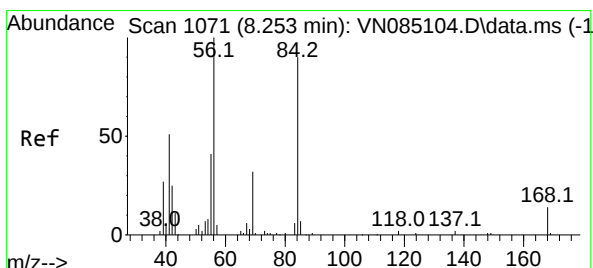
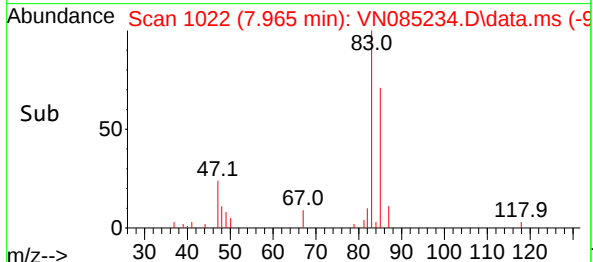
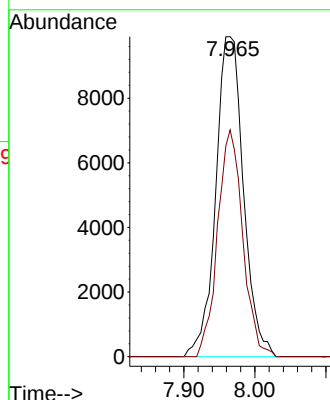
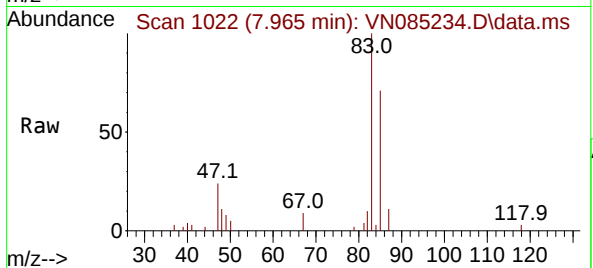
ClientSampleId :

Tgt Ion: 83 Resp: 26863

Ion Ratio Lower Upper

83 100

85 70.9 52.6 78.8



#31

Cyclohexane

Concen: 7.141 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

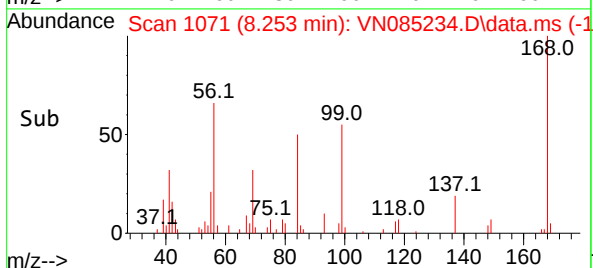
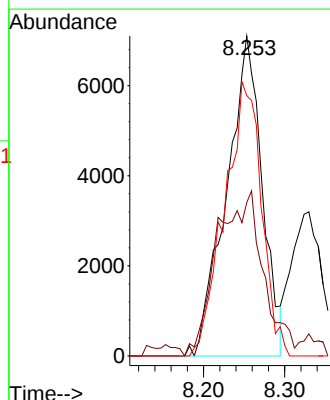
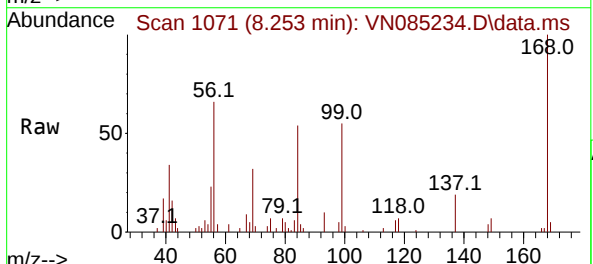
Tgt Ion: 56 Resp: 21547

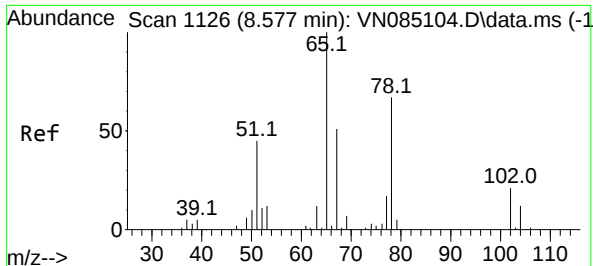
Ion Ratio Lower Upper

56 100

69 45.7 24.6 36.8

84 81.3 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 46.684 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

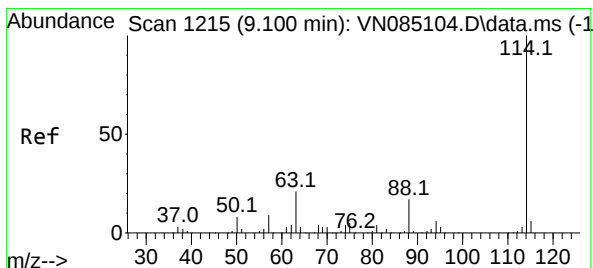
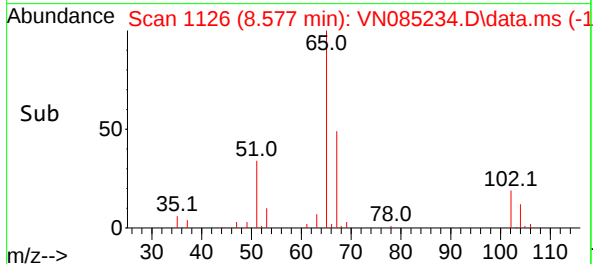
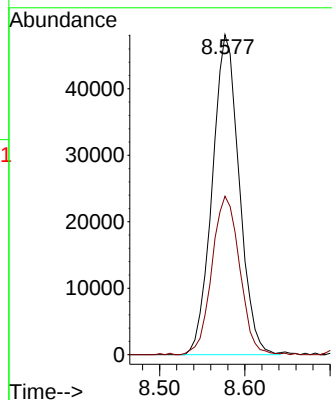
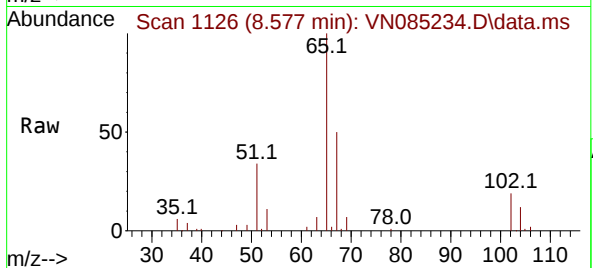
ClientSampleId :

Tgt Ion: 65 Resp: 105753

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

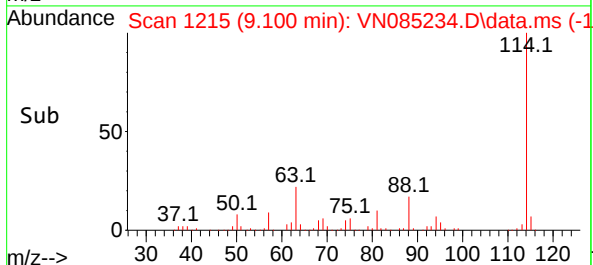
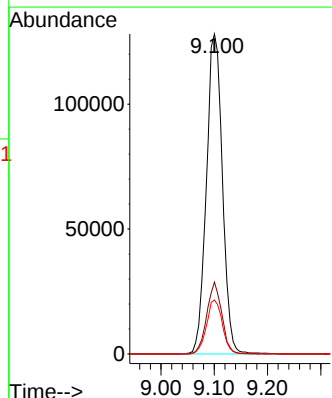
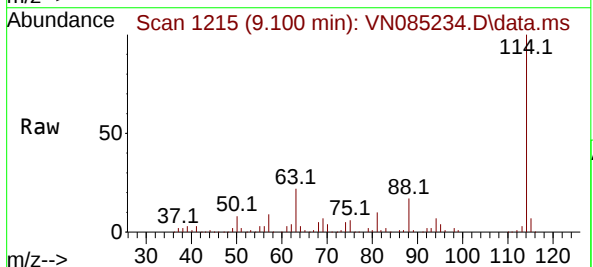
Tgt Ion: 114 Resp: 268182

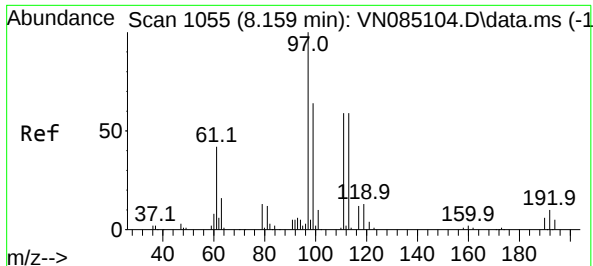
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.123 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

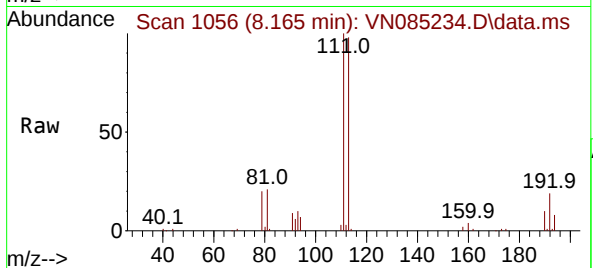
Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :



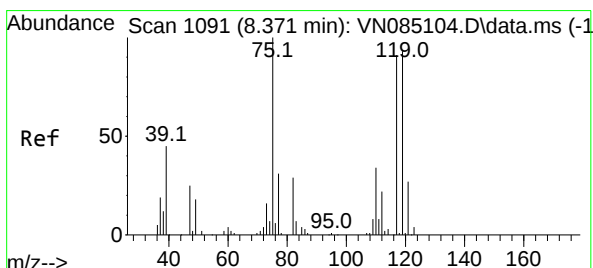
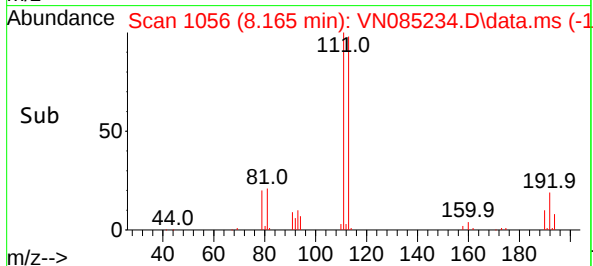
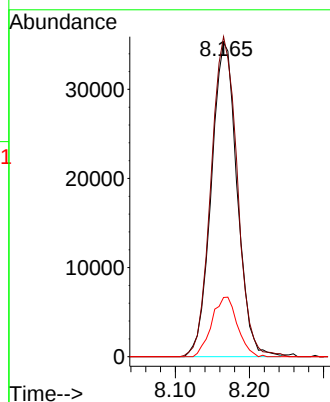
Tgt Ion:113 Resp: 85223

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.378 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

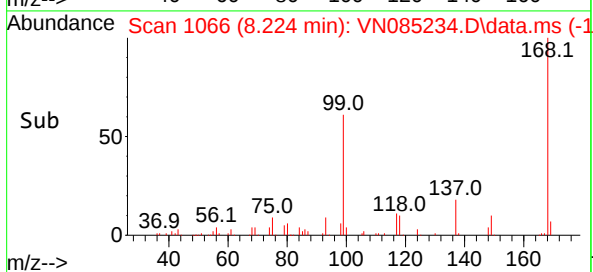
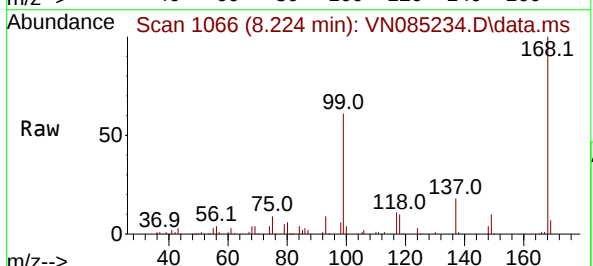
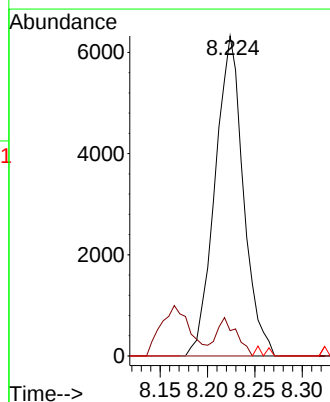
Tgt Ion: 75 Resp: 13174

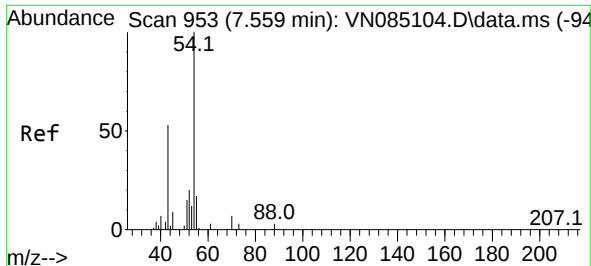
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

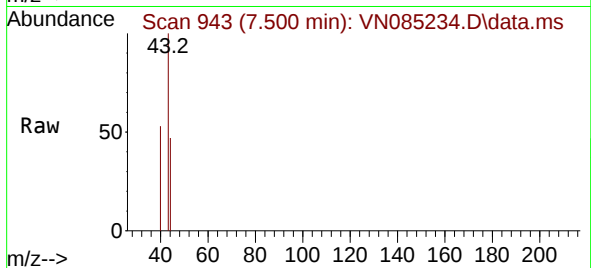
77 0.0 24.2 36.4#



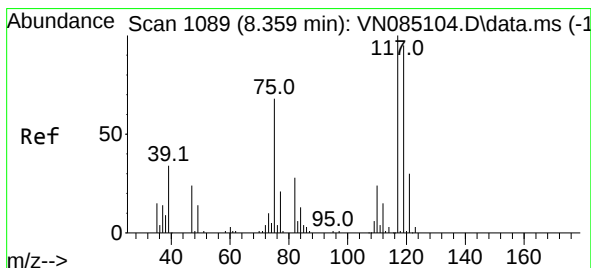
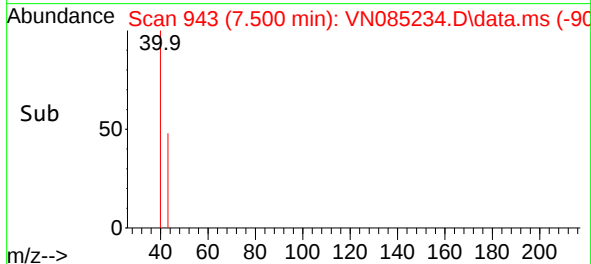
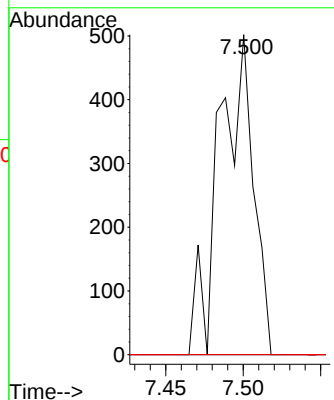


#37
Ethyl Acetate
Concen: 0.346 ug/l
RT: 7.500 min Scan# 94
Delta R.T. -0.053 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :

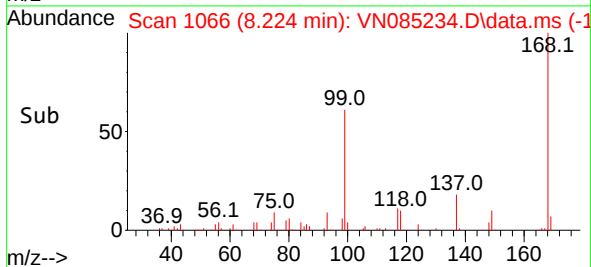
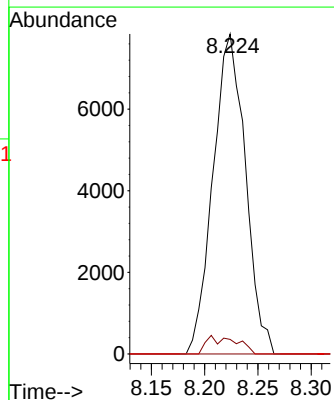
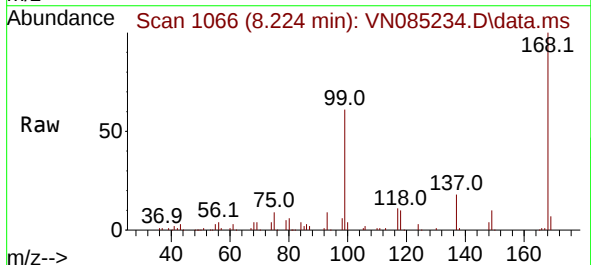


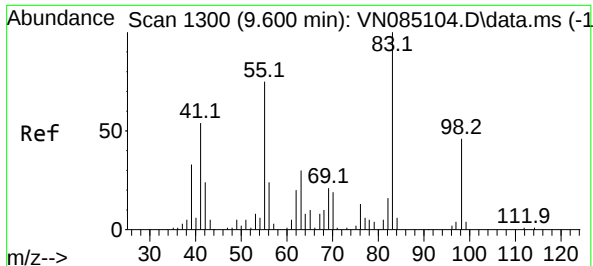
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 117 Resp: 16573
Ion Ratio Lower Upper
117 100
119 4.6 78.6 117.8#
121 0.0 24.2 36.2#

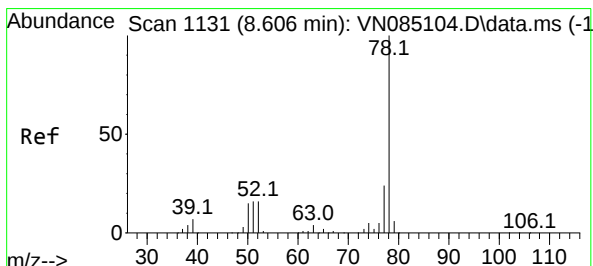
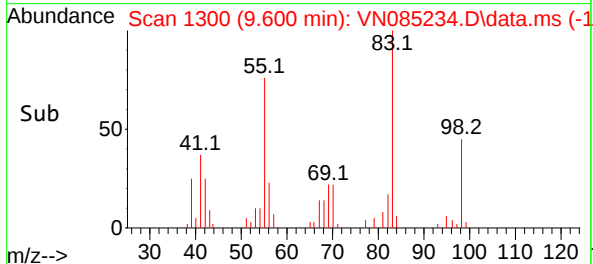
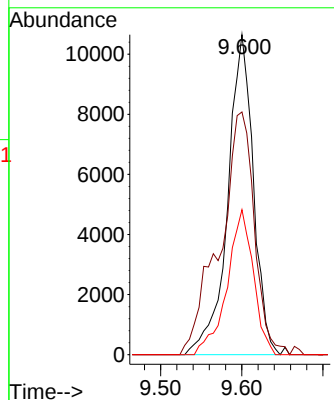
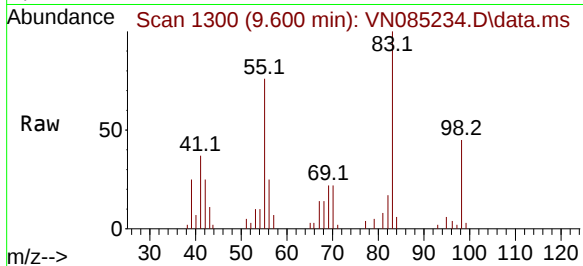




#39
Methylcyclohexane
Concen: 9.183 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

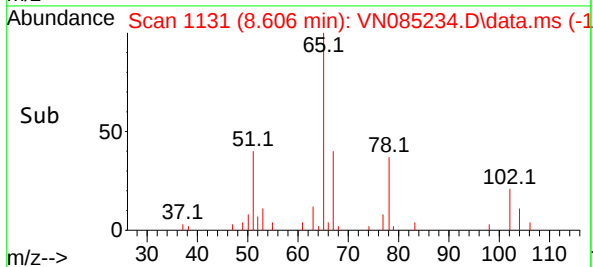
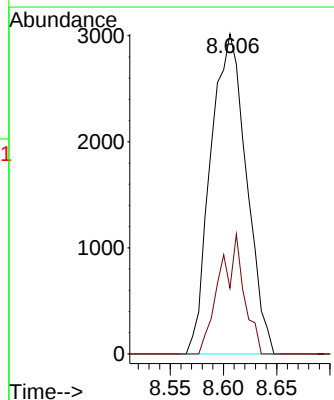
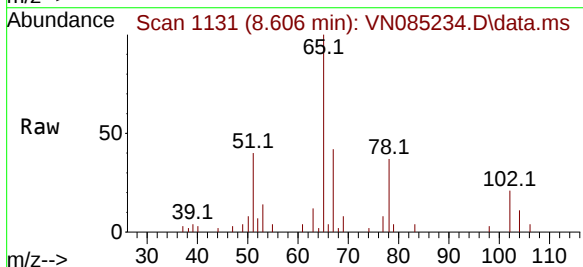
Instrument :
MSVOA_N
ClientSampleId :

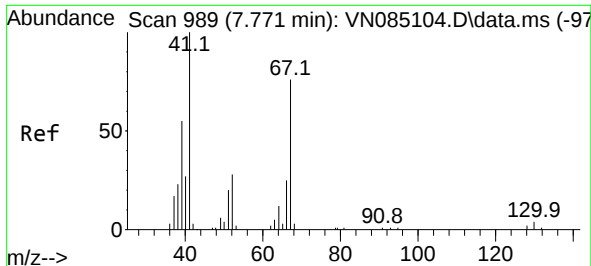
Tgt Ion: 83 Resp: 23376
Ion Ratio Lower Upper
83 100
55 75.8 61.8 92.6
98 45.3 37.0 55.6



#40
Benzene
Concen: 0.907 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

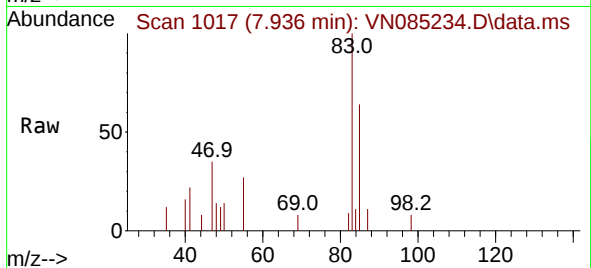
Tgt Ion: 78 Resp: 7030
Ion Ratio Lower Upper
78 100
77 20.5 18.5 27.7



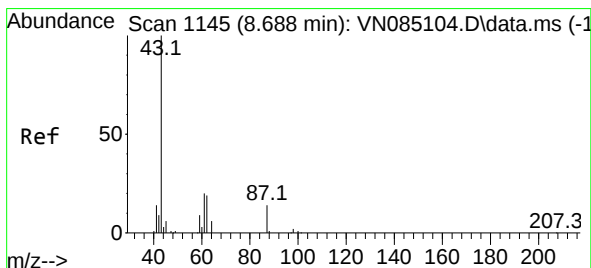
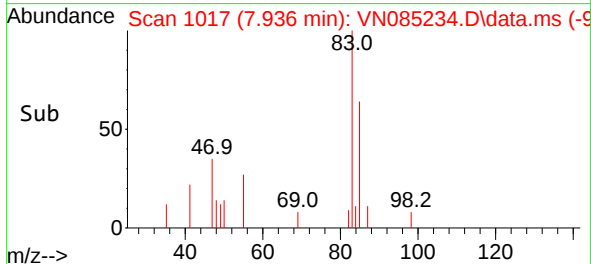
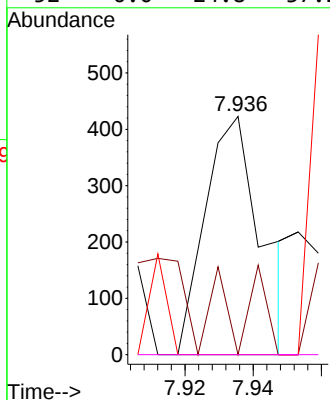


#41
Methacrylonitrile
Concen: 0.394 ug/l
RT: 7.936 min Scan# 110
Delta R.T. 0.165 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :

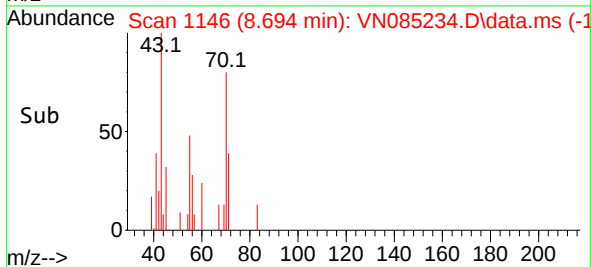
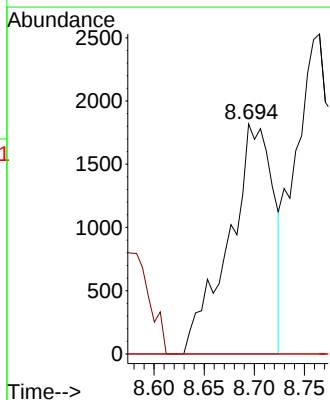
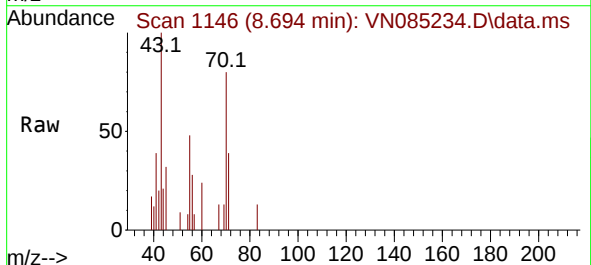


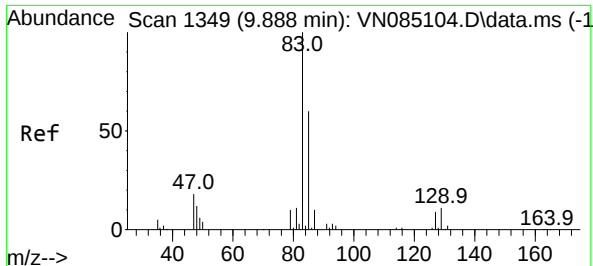
Tgt Ion:	41	Resp:	486
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	63.8#
67	0.0	59.9	89.9#
52	0.0	24.8	37.2#



#43
Isopropyl Acetate
Concen: 1.209 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:	43	Resp:	5593
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.6	30.8#
87	0.0	11.0	16.4#





#47

Bromodichloromethane

Concen: 0.508 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

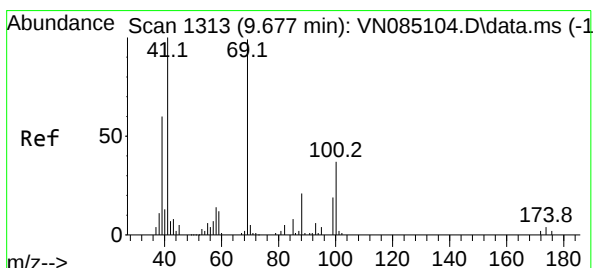
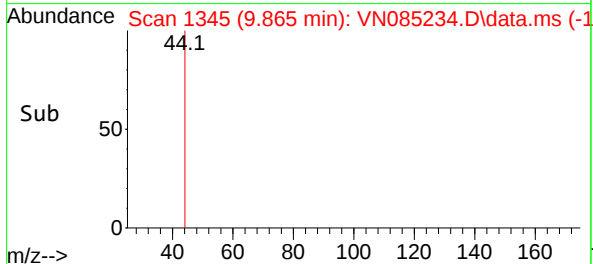
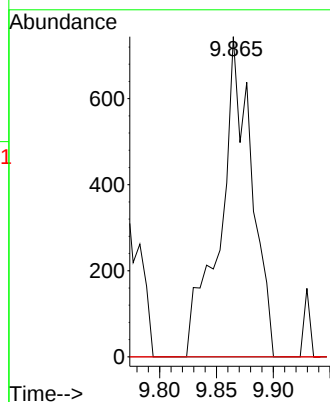
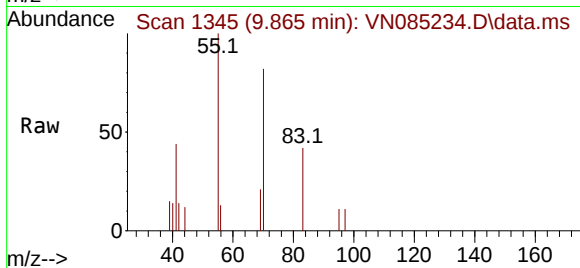
Tgt Ion: 83 Resp: 1428

Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 8.764 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.071 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

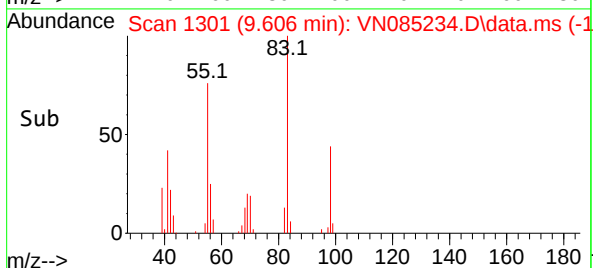
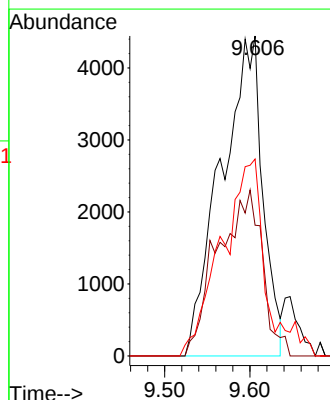
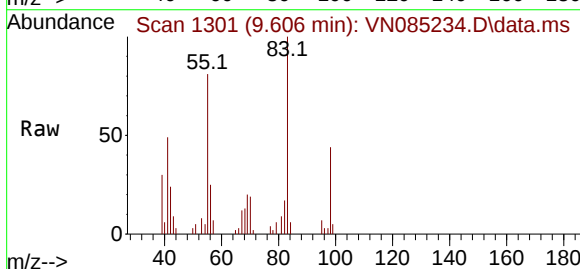
Tgt Ion: 41 Resp: 15086

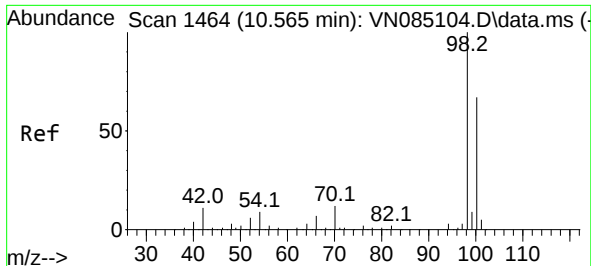
Ion Ratio Lower Upper

41 100

69 55.5 73.2 109.8#

39 64.8 46.2 69.4

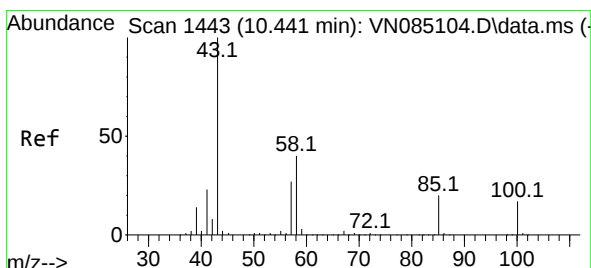
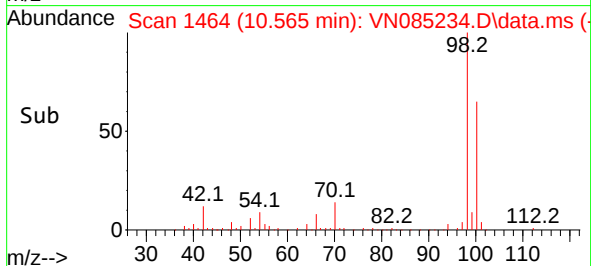
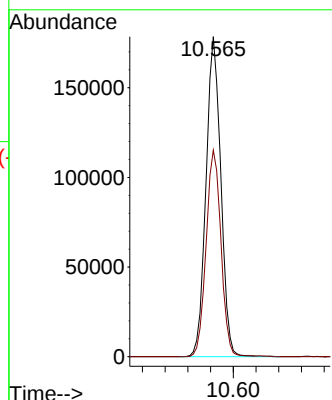
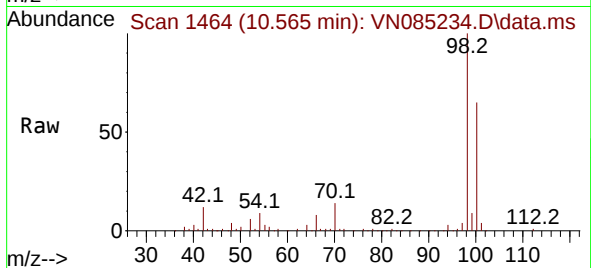




#50
Toluene-d8
Concen: 49.754 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

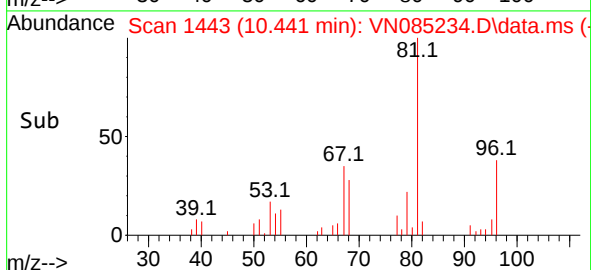
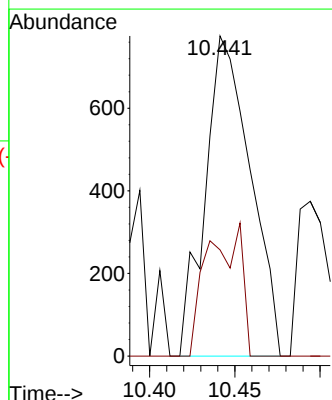
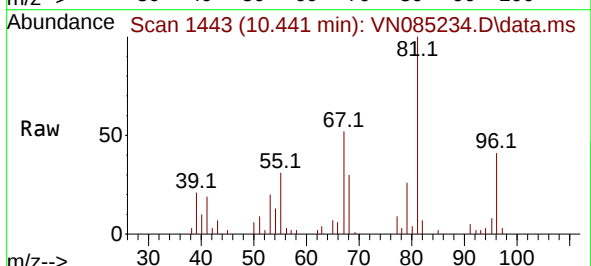
Instrument :
MSVOA_N
ClientSampleId :

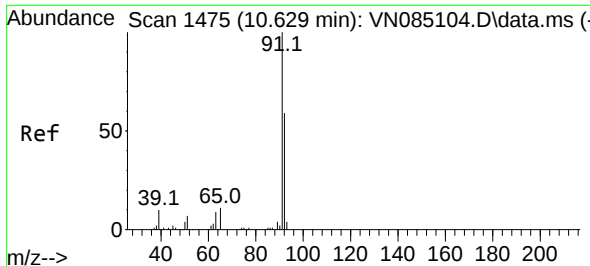
Tgt Ion: 98 Resp: 322471
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 31.3 32.1 48.1#

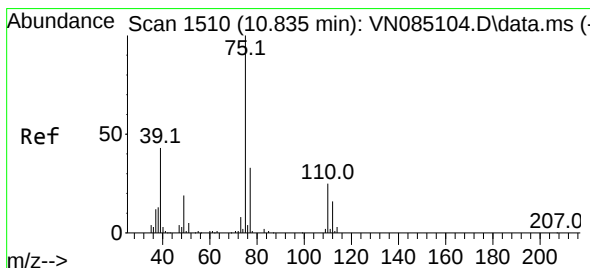
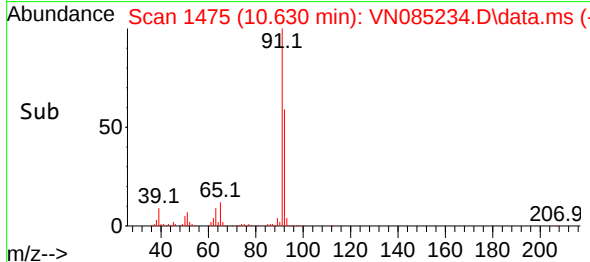
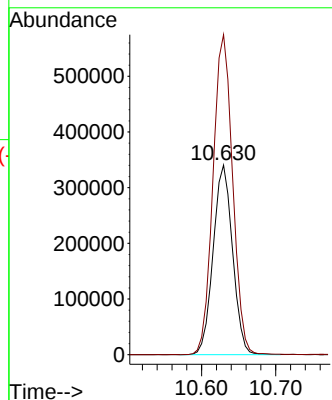
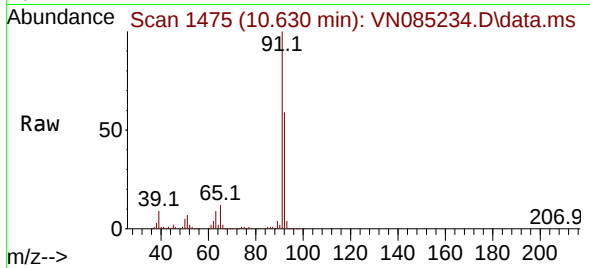




#52
Toluene
Concen: 134.805 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

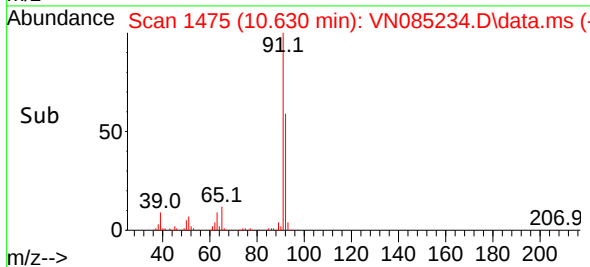
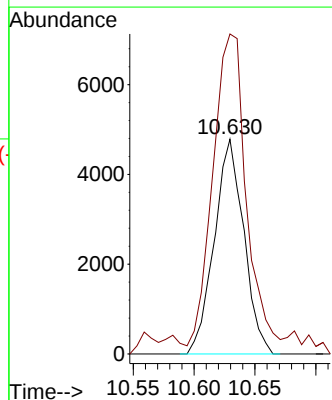
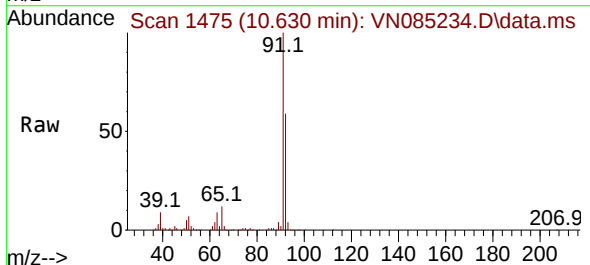
Instrument :
MSVOA_N
ClientSampleId :

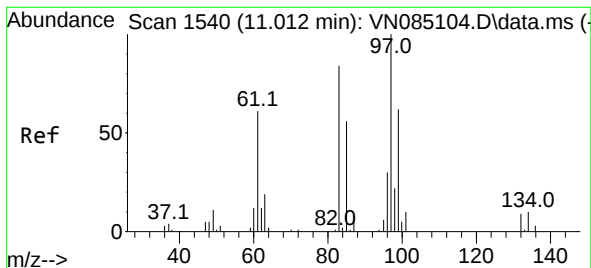
Tgt Ion: 92 Resp: 618303
Ion Ratio Lower Upper
92 100
91 171.1 136.7 205.1



#53
t-1,3-Dichloropropene
Concen: 2.863 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

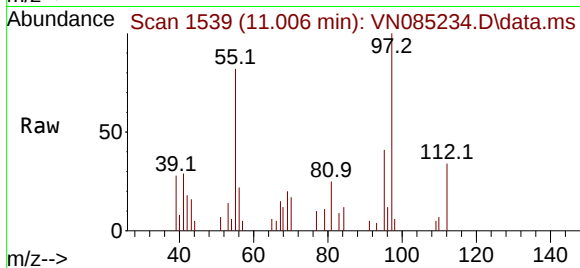
Tgt Ion: 75 Resp: 8066
Ion Ratio Lower Upper
75 100
77 144.1 25.0 37.4#



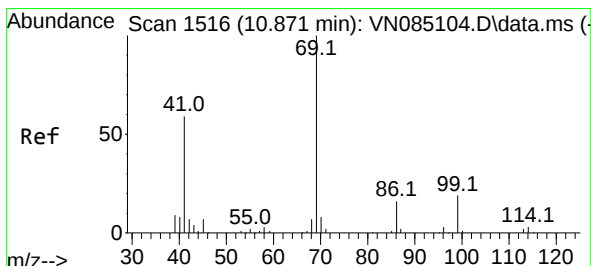
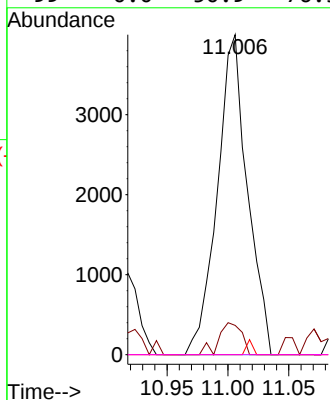
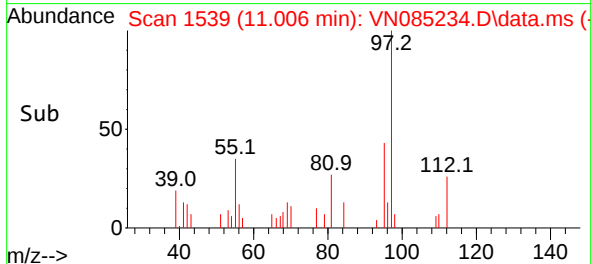


#55
1,1,2-Trichloroethane
Concen: 4.036 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Instrument :
MSVOA_N
ClientSampleId :

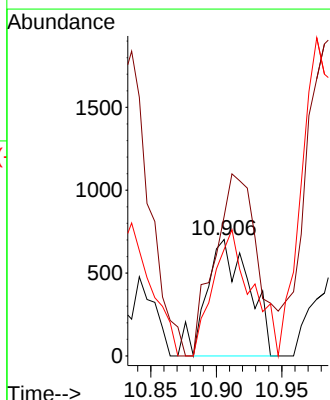
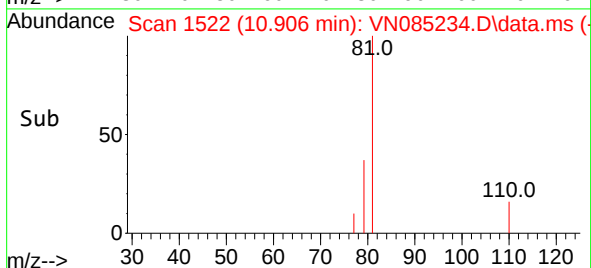
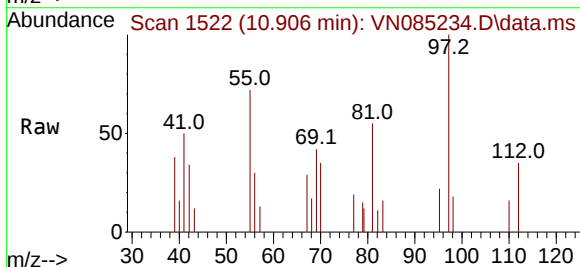


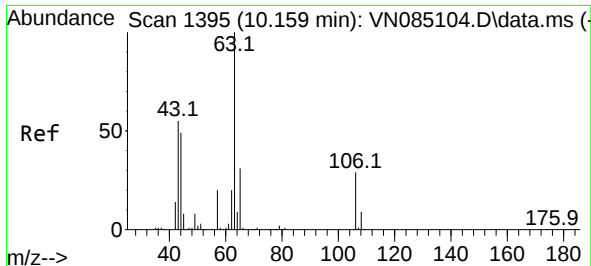
Tgt Ion:	97	Resp:	6895
Ion	Ratio	Lower	Upper
97	100		
83	9.1	67.4	101.2#
85	0.0	43.1	64.7#
99	0.0	50.9	76.3#



#56
Ethyl methacrylate
Concen: 0.632 ug/l
RT: 10.906 min Scan# 1522
Delta R.T. 0.035 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:	69	Resp:	1577
Ion	Ratio	Lower	Upper
69	100		
41	159.9	50.0	75.0#
39	0.0	27.0	40.6#

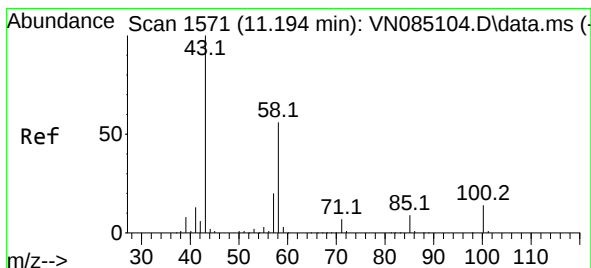
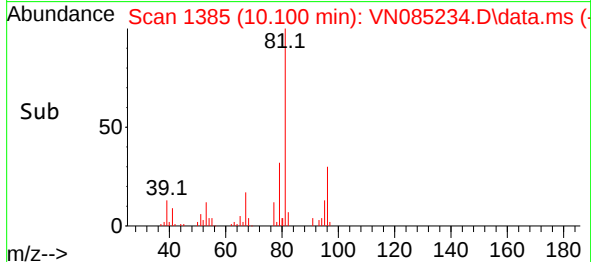
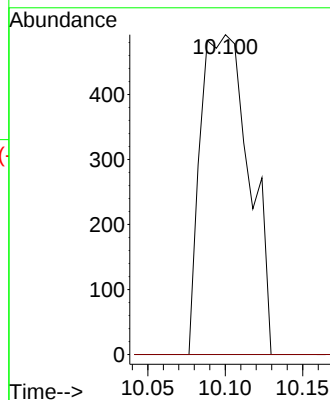
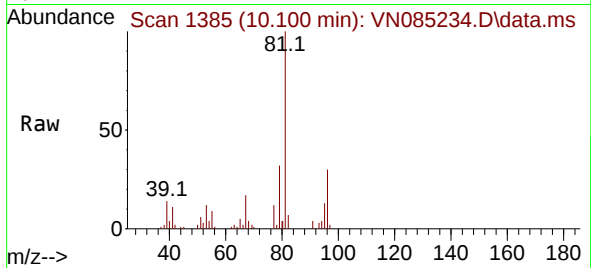




#58
2-Chloroethyl Vinyl ether
Concen: 0.875 ug/l
RT: 10.100 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

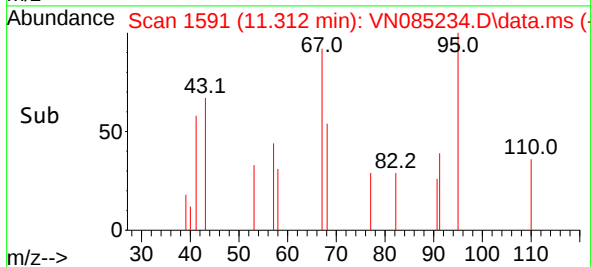
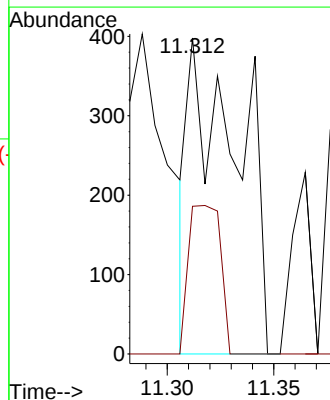
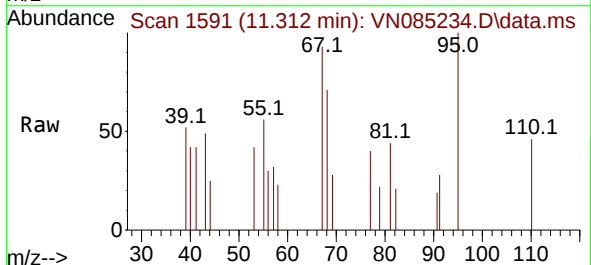
Instrument :
MSVOA_N
ClientSampleId :

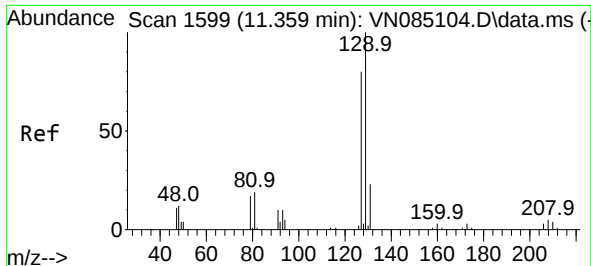
Tgt Ion: 63 Resp: 1072
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#59
2-Hexanone
Concen: 0.404 ug/l
RT: 11.312 min Scan# 1591
Delta R.T. 0.118 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 30.6 28.3 85.0

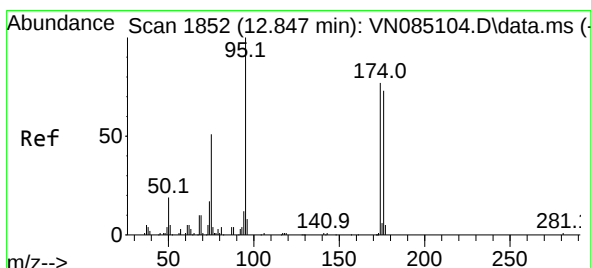
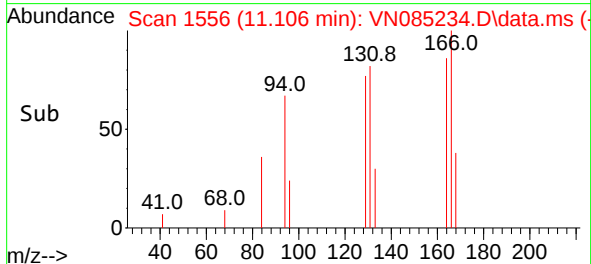
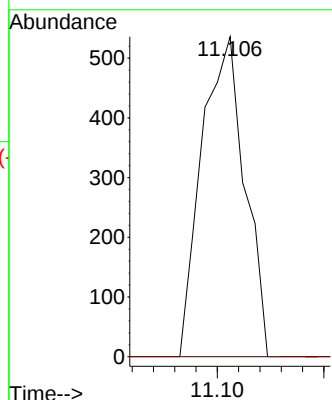
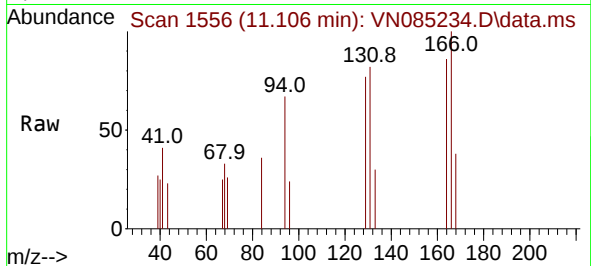




#60
Dibromochloromethane
Concen: 0.360 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

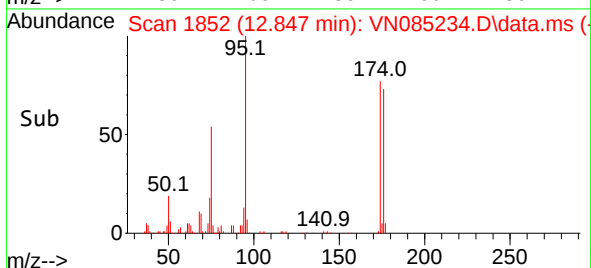
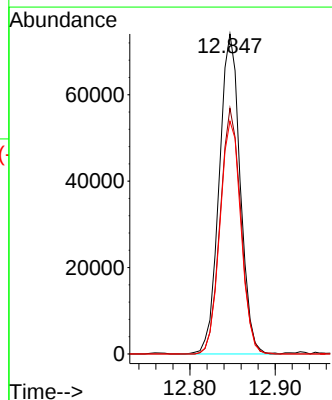
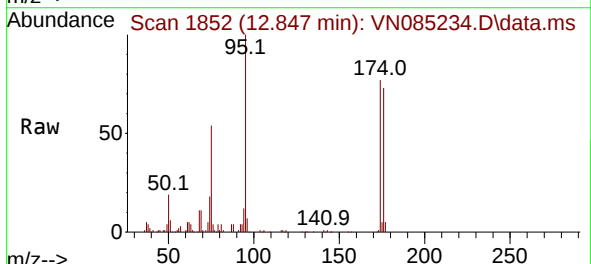
Instrument :
MSVOA_N
ClientSampleId :

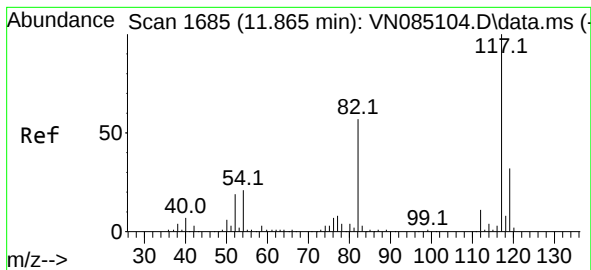
Tgt Ion:129 Resp: 752
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 52.250 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 95 Resp: 126644
Ion Ratio Lower Upper
95 100
174 75.6 0.0 146.6
176 72.9 0.0 141.8

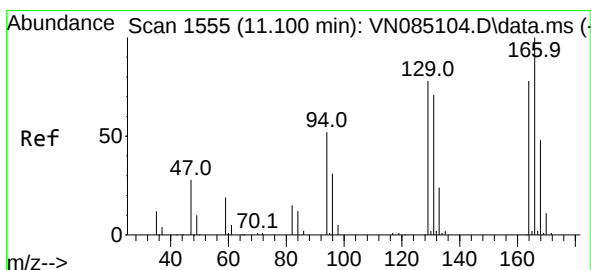
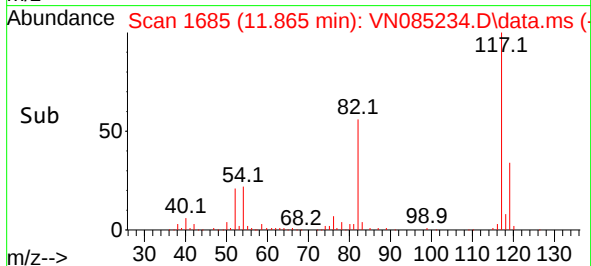
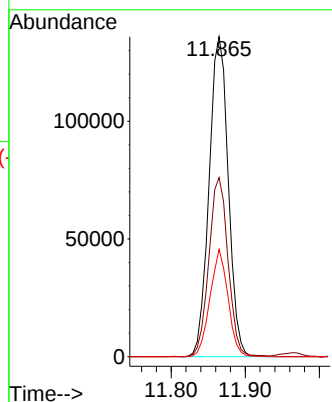
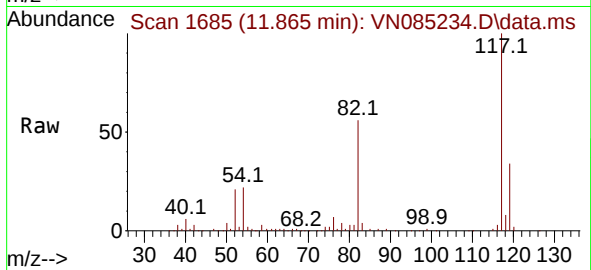




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

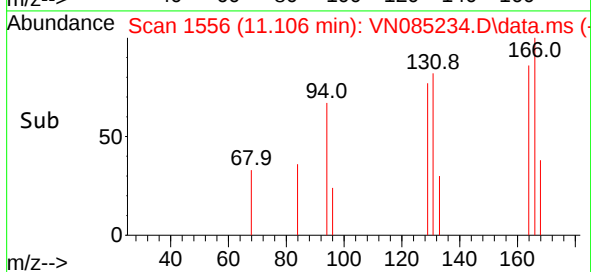
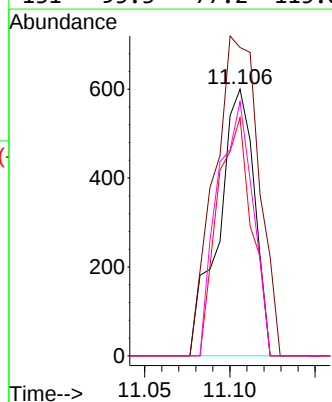
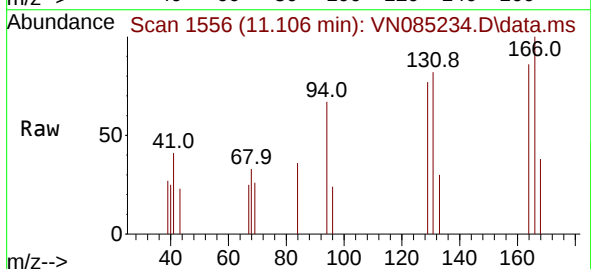
Instrument :
MSVOA_N
ClientSampleId :

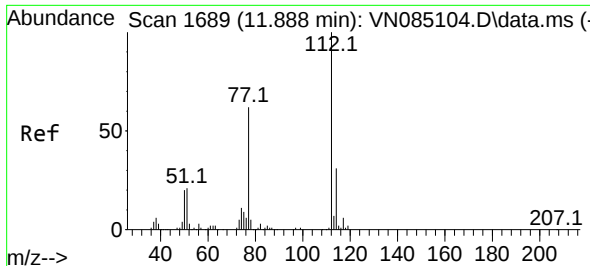
Tgt Ion:117 Resp: 244638
Ion Ratio Lower Upper
117 100
82 56.0 46.0 69.0
119 33.6 25.6 38.4



#64
Tetrachloroethene
Concen: 0.532 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:164 Resp: 877
Ion Ratio Lower Upper
164 100
166 115.7 100.6 151.0
129 89.3 77.7 116.5
131 95.3 77.2 115.8

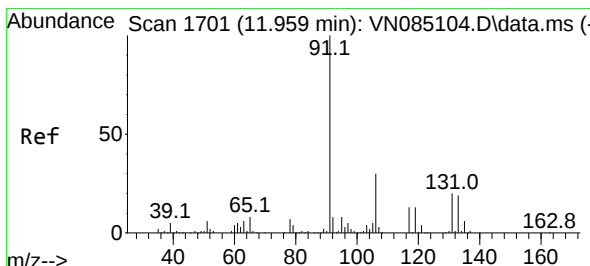
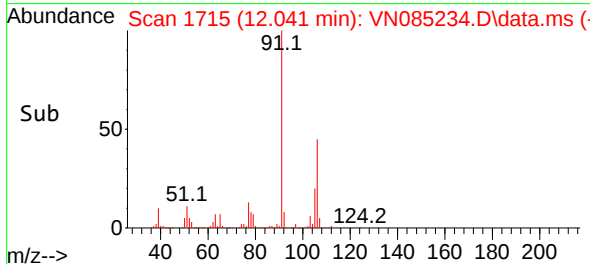
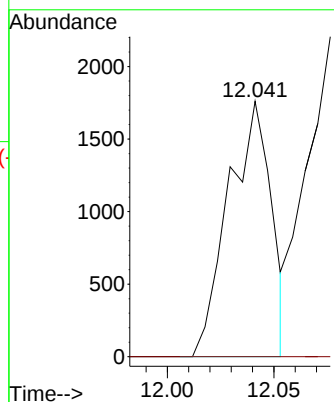
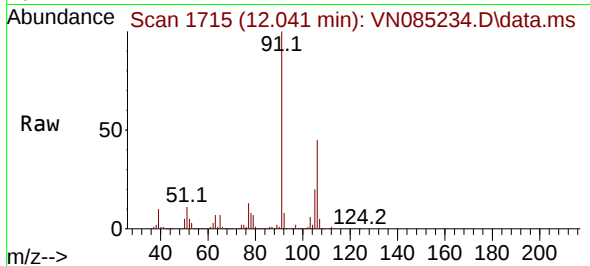




#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 12.041 min Scan# 11
Delta R.T. 0.153 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

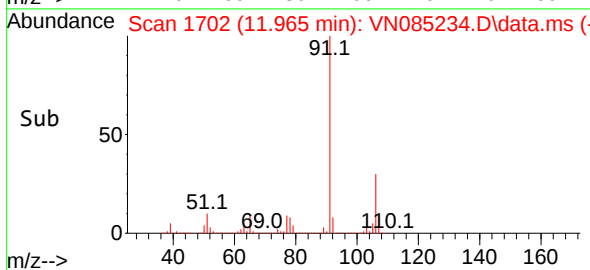
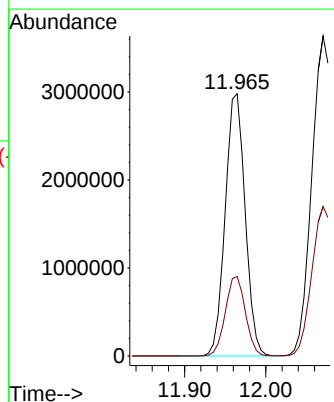
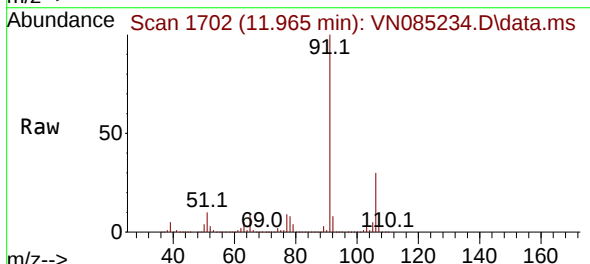
Instrument :
MSVOA_N
ClientSampleId :

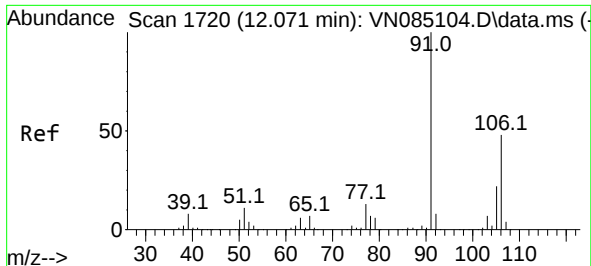
Tgt Ion:112 Resp: 2472
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 565.477 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 91 Resp: 5089929
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

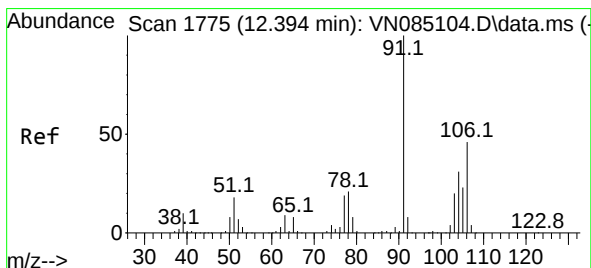
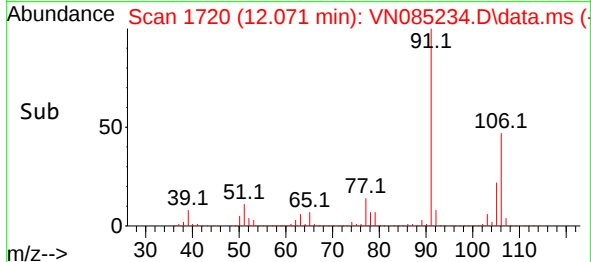
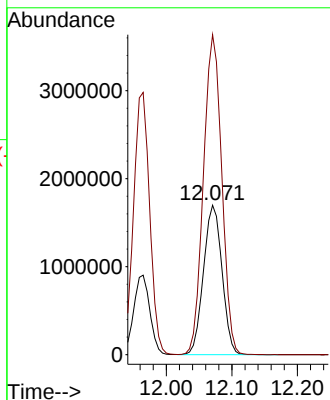
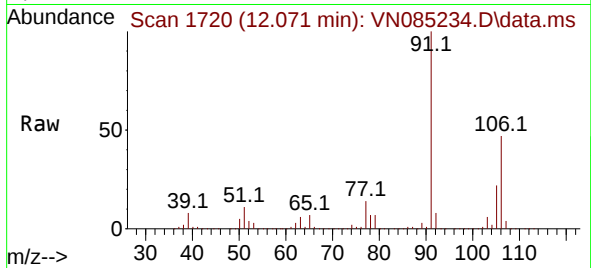




#68
m/p-Xylenes
Concen: 972.790 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

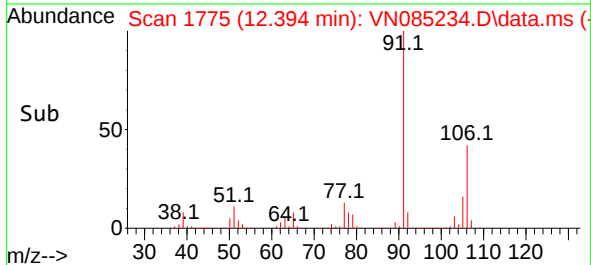
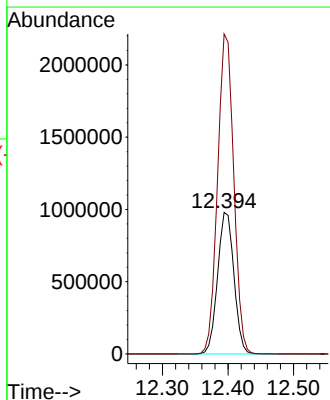
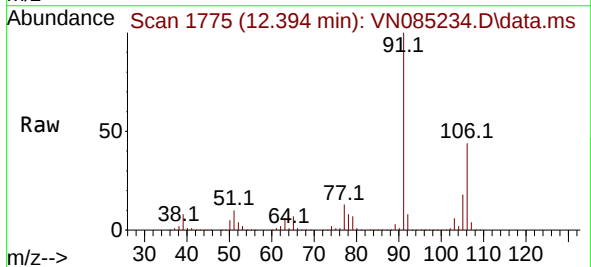
Instrument :
MSVOA_N
ClientSampleId :

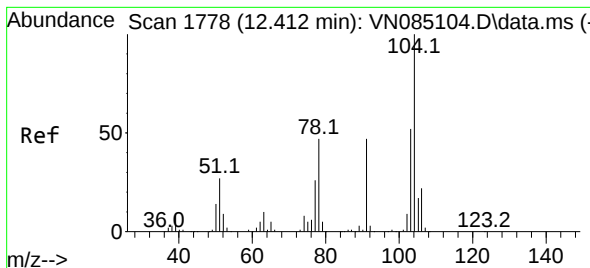
Tgt Ion:106 Resp: 3333649
Ion Ratio Lower Upper
106 100
91 212.3 168.0 252.0



#69
o-Xylene
Concen: 517.914 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion:106 Resp: 1688297
Ion Ratio Lower Upper
106 100
91 224.2 110.7 331.9





#70

Styrene

Concen: 19.629 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

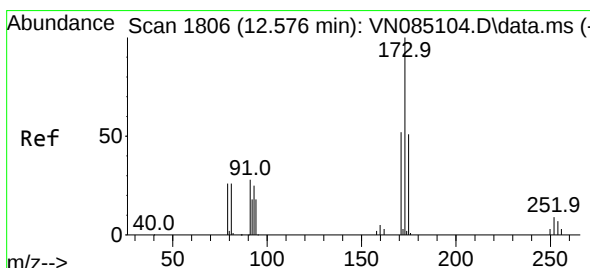
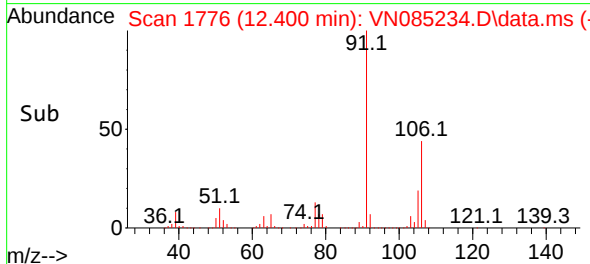
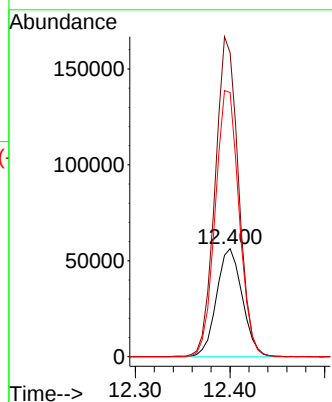
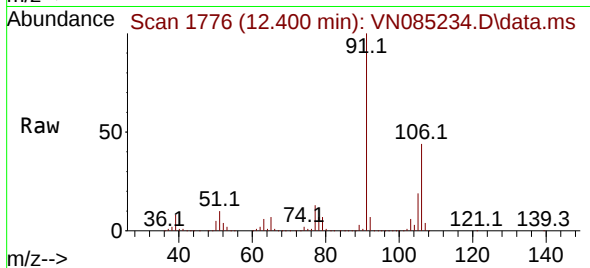
Tgt Ion:104 Resp: 106407

Ion Ratio Lower Upper

104 100

78 268.5 42.3 63.5#

103 228.7 44.2 66.2#



#71

Bromoform

Concen: 0.508 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

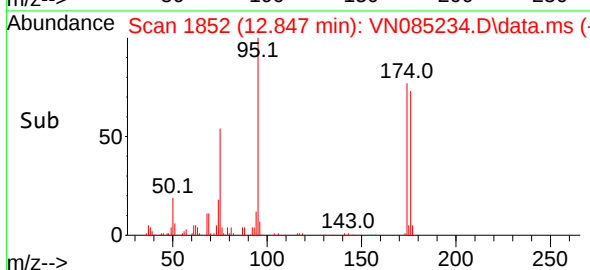
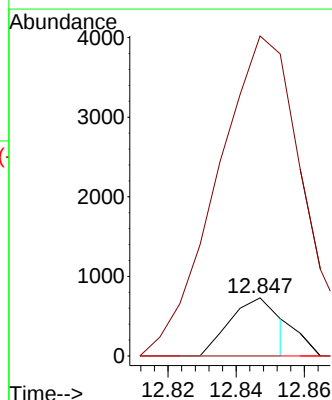
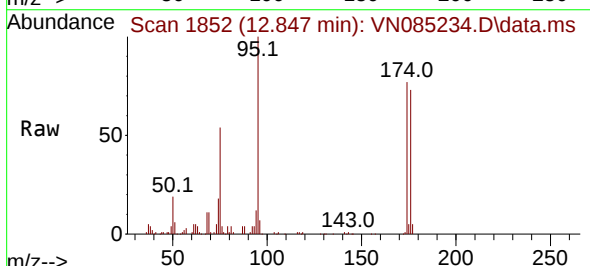
Tgt Ion:173 Resp: 737

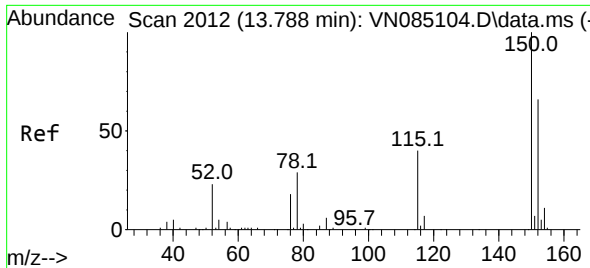
Ion Ratio Lower Upper

173 100

175 758.2 23.8 71.2#

254 0.0 0.0 0.0

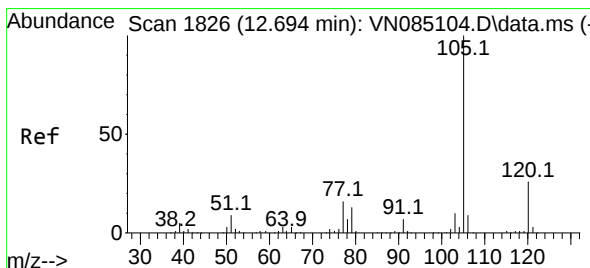
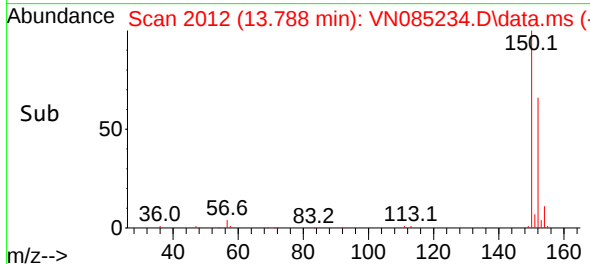
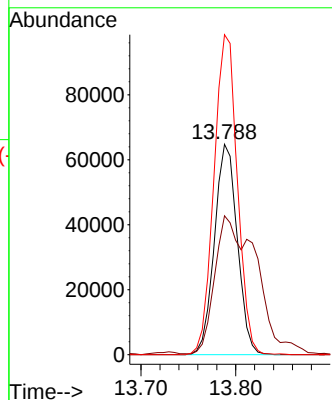
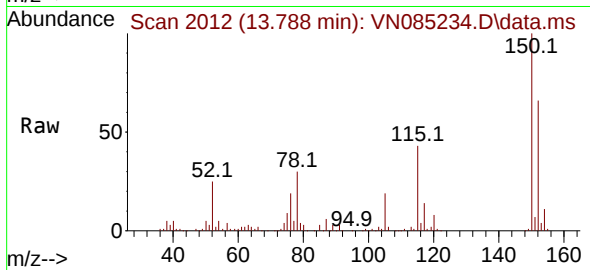




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10

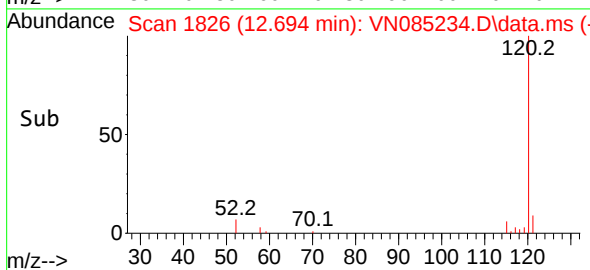
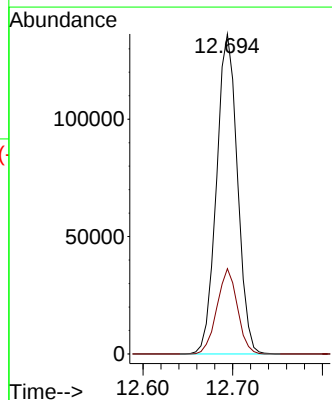
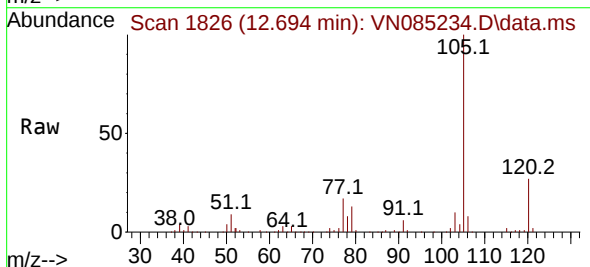
Instrument :
 MSVOA_N
 ClientSampleId :

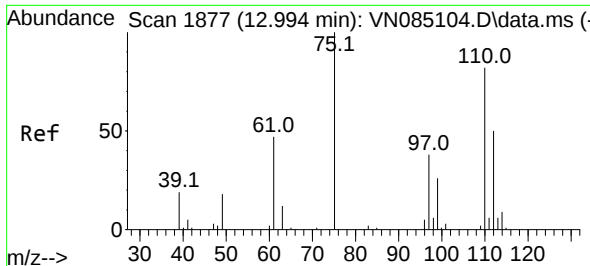
Tgt Ion:152 Resp: 108555
 Ion Ratio Lower Upper
 152 100
 115 71.0 31.7 95.1
 150 156.0 0.0 351.4



#73
 Isopropylbenzene
 Concen: 28.811 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: VN085234.D
 Acq: 17 Dec 2024 19:10

Tgt Ion:105 Resp: 220637
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.0 39.0

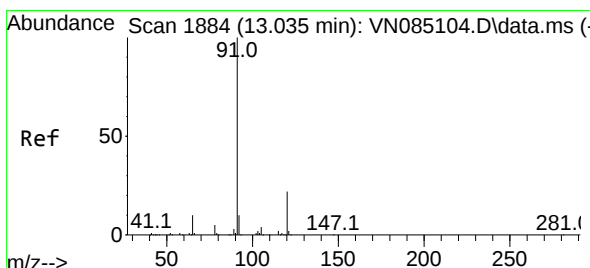
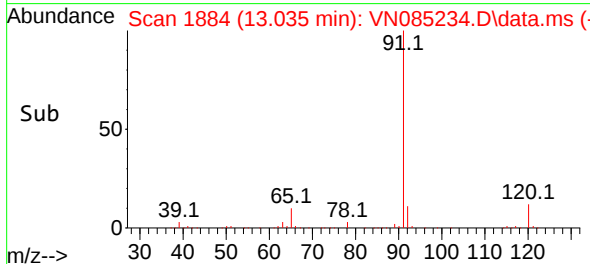
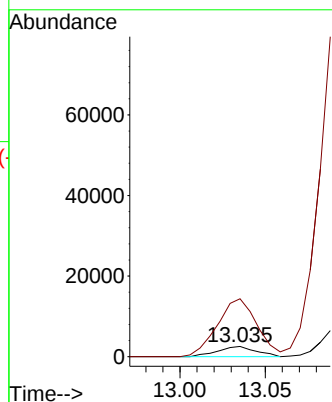
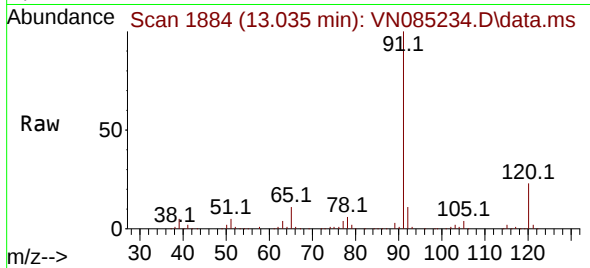




#76
1,2,3-Trichloropropane
Concen: 2.022 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

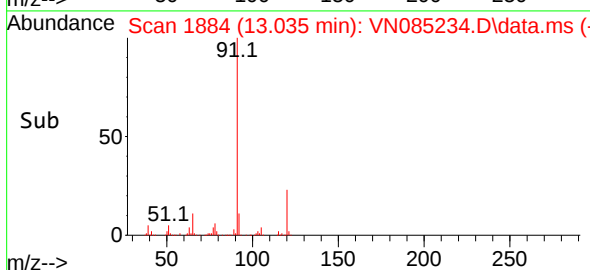
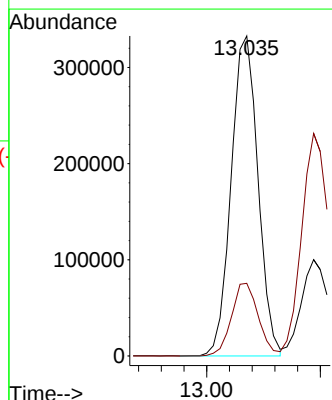
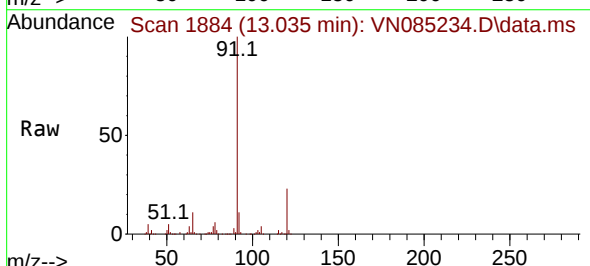
Instrument :
MSVOA_N
ClientSampleId :

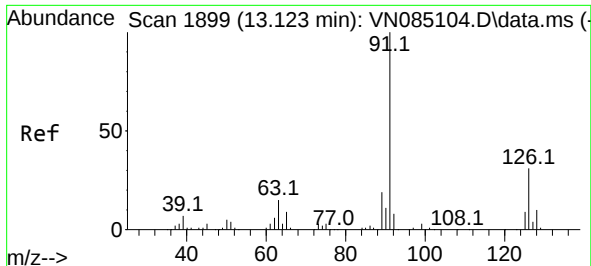
Tgt Ion: 75 Resp: 3992
Ion Ratio Lower Upper
75 100
77 582.4 109.1 327.4#



#78
n-propylbenzene
Concen: 61.796 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 91 Resp: 545842
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 12.192 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

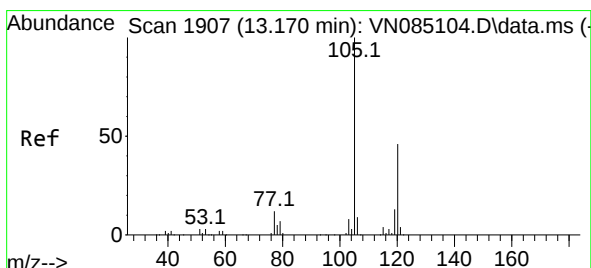
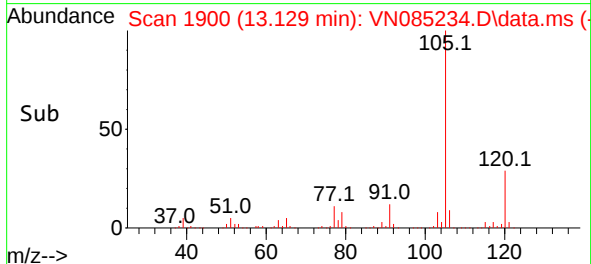
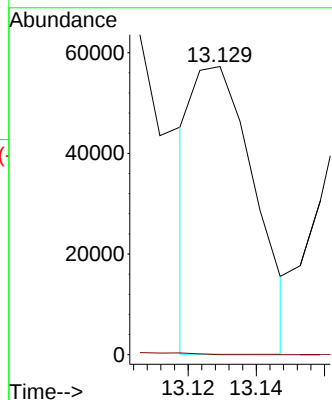
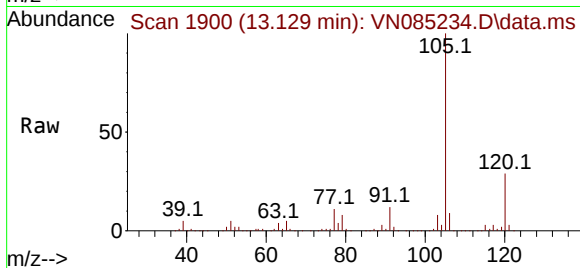
ClientSampleId :

Tgt Ion: 91 Resp: 71888

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#



#80

1,3,5-Trimethylbenzene

Concen: 122.666 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085234.D

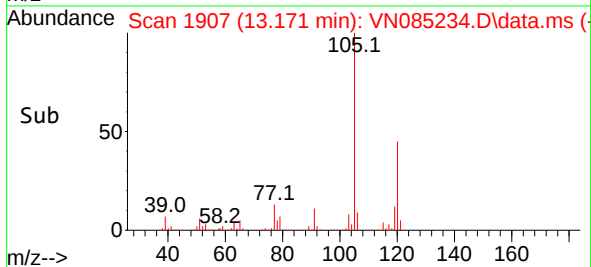
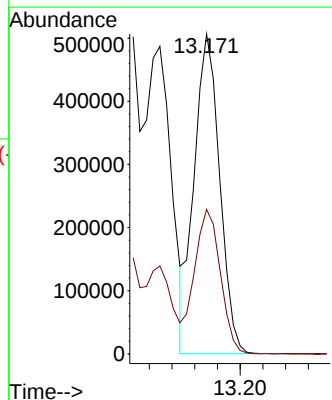
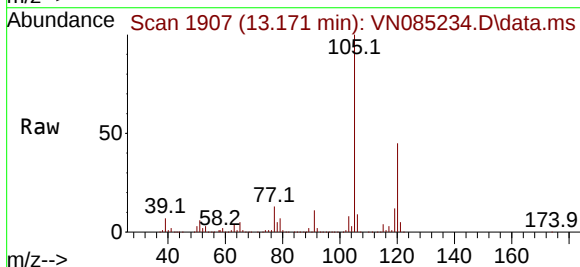
Acq: 17 Dec 2024 19:10

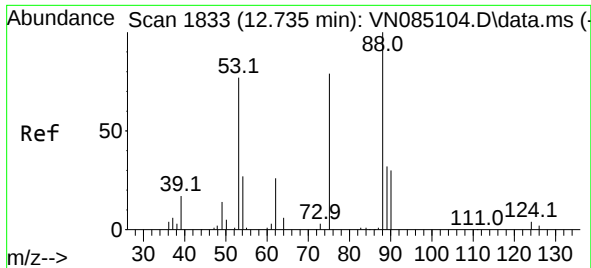
Tgt Ion:105 Resp: 788278

Ion Ratio Lower Upper

105 100

120 46.1 23.6 71.0

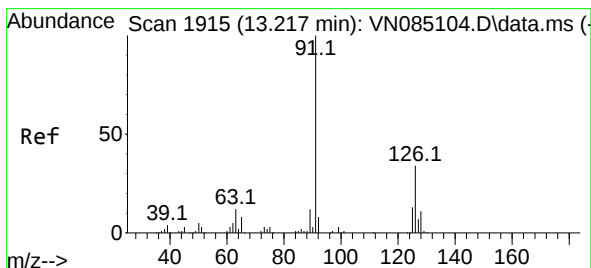
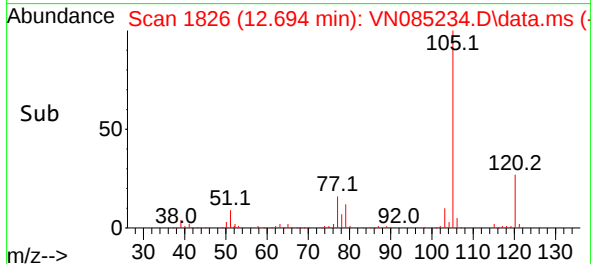
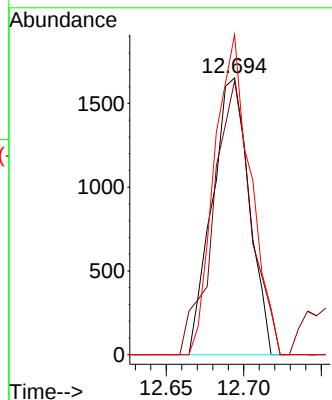
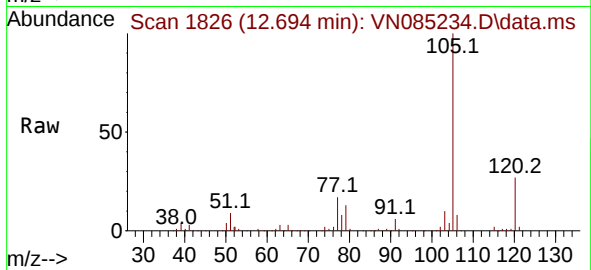




#81
trans-1,4-Dichloro-2-butene
Concen: 3.059 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

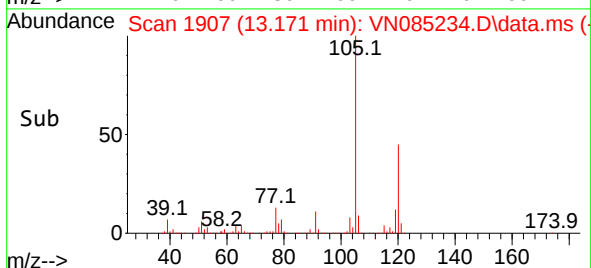
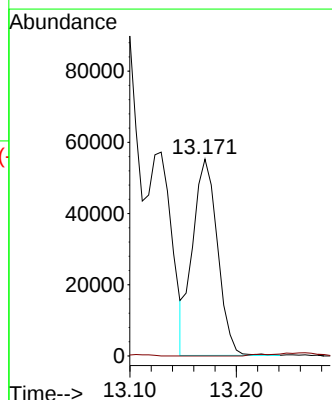
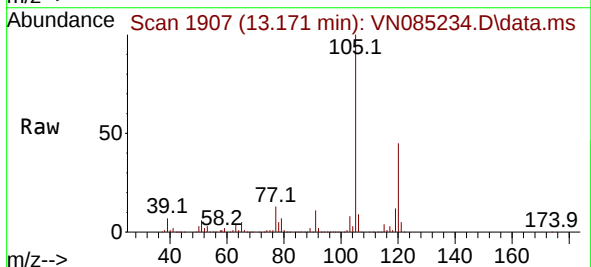
Instrument :
MSVOA_N
ClientSampleId :

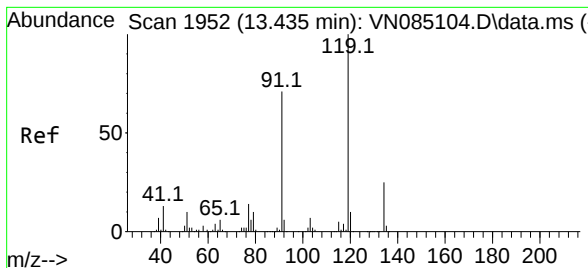
Tgt Ion: 75 Resp: 2736
Ion Ratio Lower Upper
75 100
53 100.6 78.2 117.4
89 112.8 37.9 56.9#



#82
4-Chlorotoluene
Concen: 14.572 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 91 Resp: 89450
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#83

tert-Butylbenzene

Concen: 107.955 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

ClientSampleId :

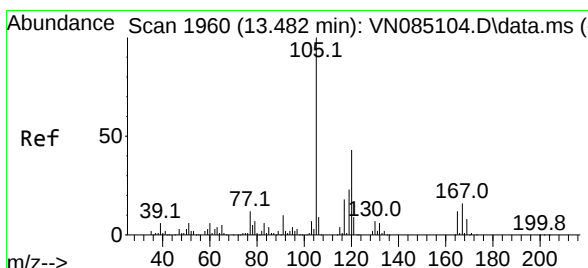
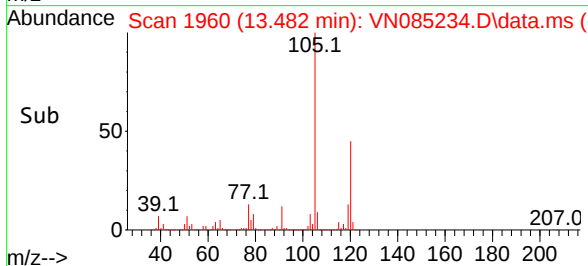
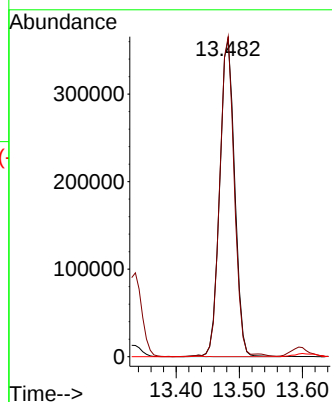
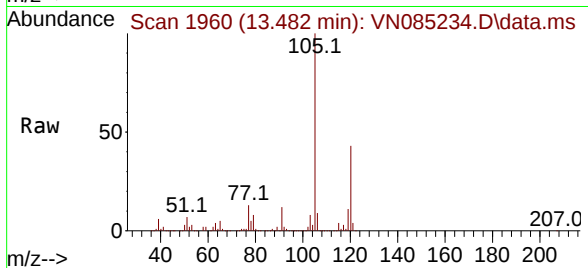
Tgt Ion:119 Resp: 596903

Ion Ratio Lower Upper

119 100

91 98.6 35.1 105.5

134 0.0 12.1 36.3#



#84

1,2,4-Trimethylbenzene

Concen: 776.646 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085234.D

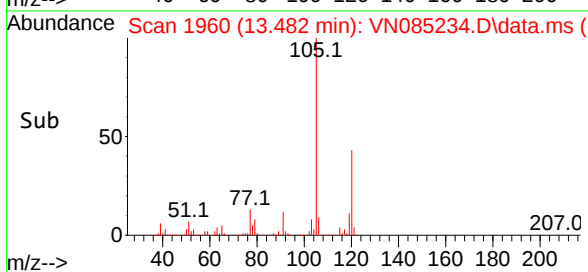
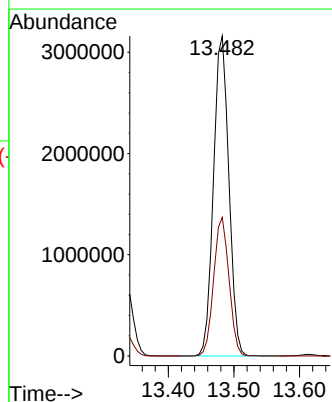
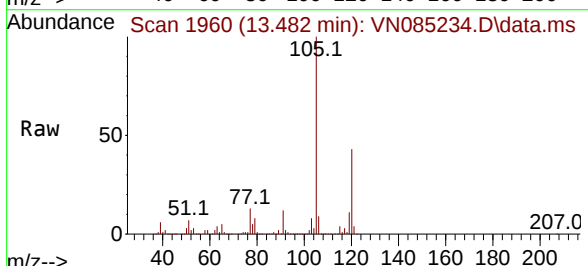
Acq: 17 Dec 2024 19:10

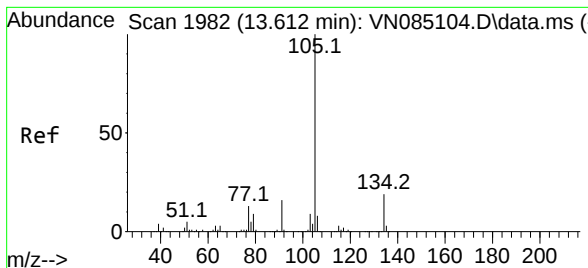
Tgt Ion:105 Resp: 5137382

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 687.803 ug/l

RT: 13.482 min Scan# 1982

Delta R.T. -0.129 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Instrument :

MSVOA_N

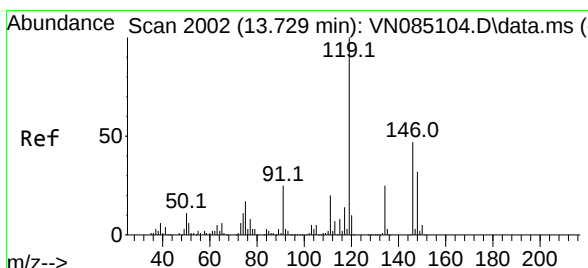
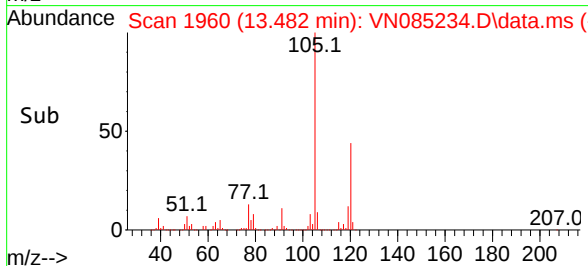
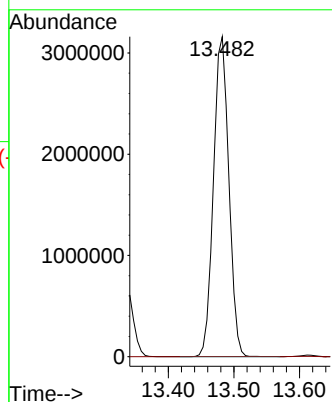
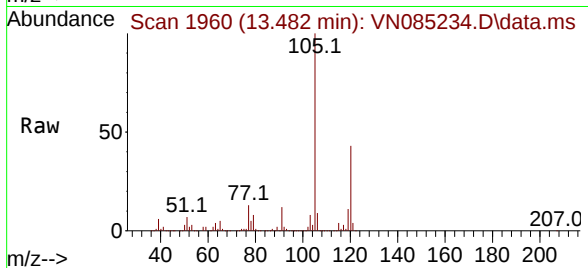
ClientSampleId :

Tgt Ion:105 Resp: 5137313

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 3.255 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.053 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

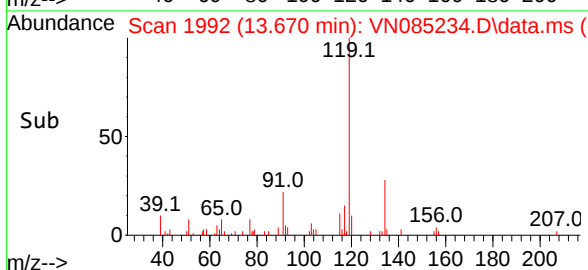
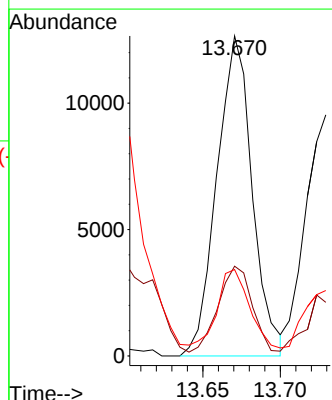
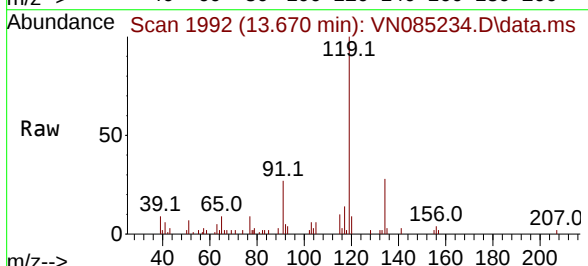
Tgt Ion:119 Resp: 20068

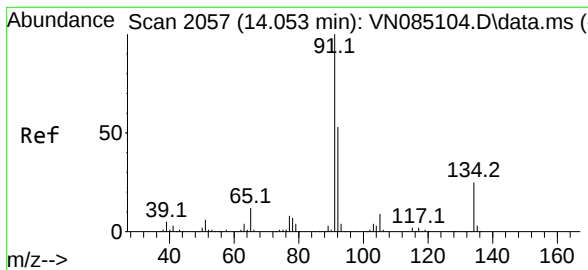
Ion Ratio Lower Upper

119 100

134 28.1 13.0 39.0

91 0.0 12.8 38.4#

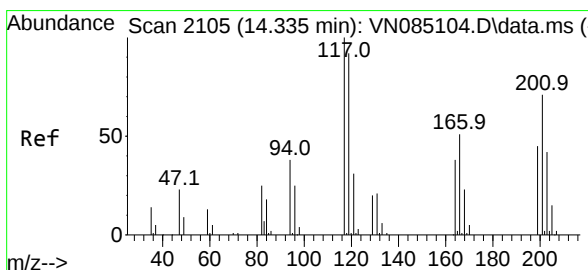
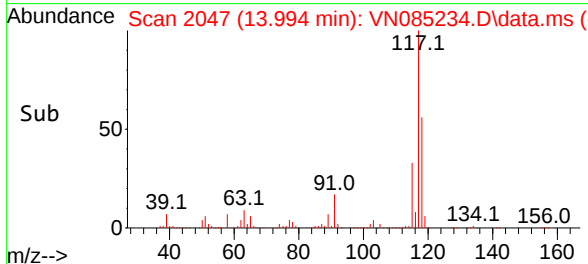
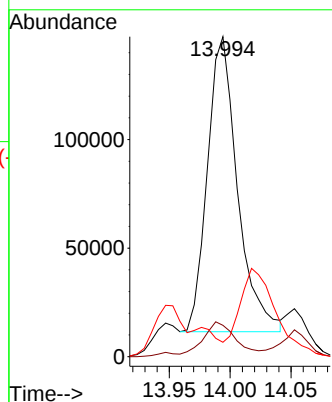
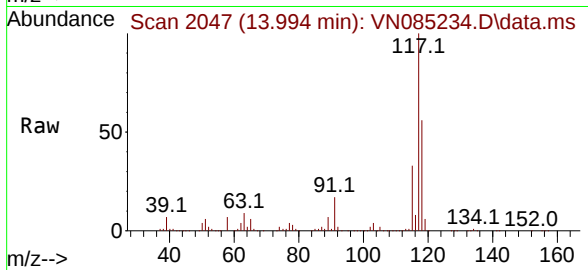




#89
n-Butylbenzene
Concen: 40.783 ug/l
RT: 13.994 min Scan# 2057
Delta R.T. -0.059 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

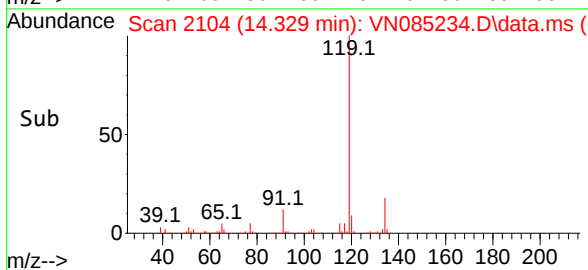
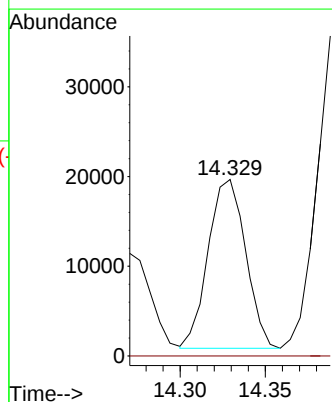
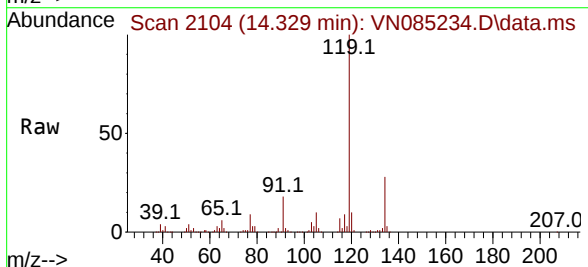
Instrument :
MSVOA_N
ClientSampleId :

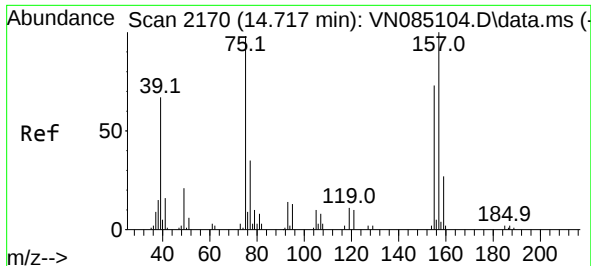
Tgt Ion: 91 Resp: 233846
Ion Ratio Lower Upper
91 100
92 12.7 26.8 80.3#
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 21.465 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085234.D
Acq: 17 Dec 2024 19:10

Tgt Ion: 117 Resp: 28849
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.773 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

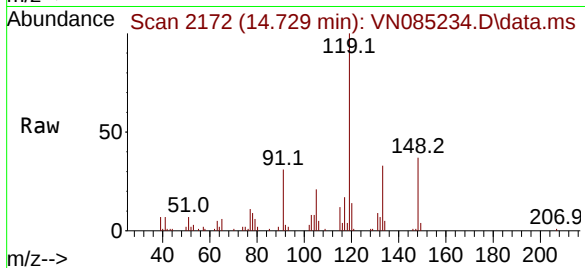
Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

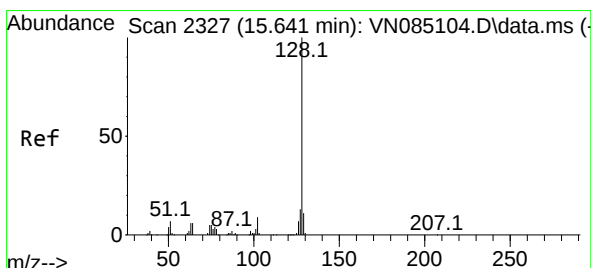
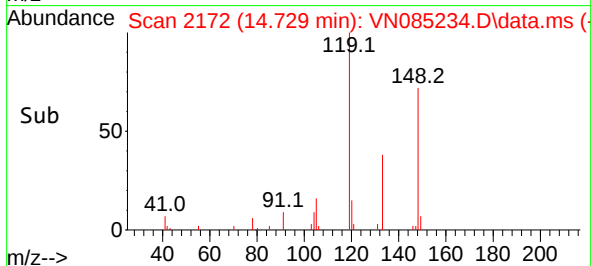
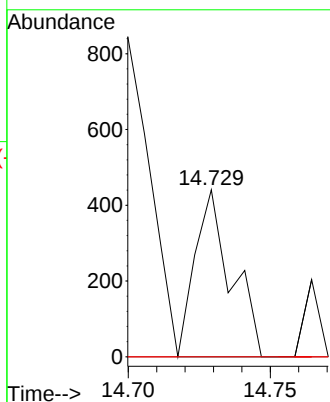
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	391
Ion Ratio	Lower	Upper	
75	100		
155	0.0	38.9	116.7#
157	0.0	48.3	144.9#



#95

Naphthalene

Concen: 277.966 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085234.D

Acq: 17 Dec 2024 19:10

Tgt Ion:	128	Resp:	1675313
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.8	8.6	12.8

