

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085235.D
 Acq On : 17 Dec 2024 19:34
 Operator : JC\MD
 Sample : P5291-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:32:17 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	165547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106344	45.097	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.200%		
35) Dibromofluoromethane	8.165	113	85474	46.386	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	10.565	98	326419	49.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.847	95	125345	50.755	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.520%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.047	64	804	0.611	ug/l #	44
11) Tert butyl alcohol	5.524	59	914	2.901	ug/l #	75
13) Acrolein	4.153	56	3165	15.052	ug/l #	1
14) Allyl chloride	5.153	41	4255	1.436	ug/l #	1
15) Acrylonitrile	5.812	53	3730	4.181	ug/l #	32
16) Acetone	4.436	43	9702	14.127	ug/l #	69
18) Methyl Acetate	5.271	43	21315	8.764	ug/l #	50
19) Methyl tert-butyl Ether	5.794	73	47631	8.297	ug/l #	1
23) Vinyl Acetate	6.647	43	1303	0.317	ug/l #	71
25) 2-Butanone	7.488	43	1162	1.035	ug/l	94
29) Tetrahydrofuran	8.012	42	854	1.223	ug/l #	38
30) Chloroform	7.947	83	6320	1.665	ug/l #	54
31) Cyclohexane	8.253	56	46174	14.700	ug/l #	93
36) 1,1-Dichloropropene	8.218	75	13959	5.593	ug/l #	52
37) Ethyl Acetate	7.488	43	1162	0.512	ug/l #	74
38) Carbon Tetrachloride	8.224	117	17063	5.923	ug/l #	15
39) Methylcyclohexane	9.600	83	60460	23.311	ug/l	91
40) Benzene	8.606	78	2465034	312.263	ug/l	99
41) Methacrylonitrile	7.824	41	702	0.559	ug/l #	44
42) 1,2-Dichloroethane	8.606	62	21816	8.078	ug/l #	75
43) Isopropyl Acetate	8.706	43	10652	2.260	ug/l #	55
45) 1,2-Dichloropropane	9.582	63	530	0.273	ug/l #	45
47) Bromodichloromethane	9.871	83	2659	0.929	ug/l #	26
48) Methyl methacrylate	9.723	41	1565	0.892	ug/l #	11
51) 4-Methyl-2-Pentanone	10.488	43	1734	0.805	ug/l #	35
52) Toluene	10.629	92	329264	70.457	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	4138	1.441	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	15510	8.910	ug/l #	20
59) 2-Hexanone	11.235	43	872	0.542	ug/l	68
67) Ethyl Benzene	11.965	91	1139705	127.905	ug/l	98
68) m/p-Xylenes	12.065	106	1082287	319.031	ug/l	100
69) o-Xylene	12.394	106	333169	103.244	ug/l	98
70) Styrene	12.400	104	17414	3.245	ug/l #	1
73) Isopropylbenzene	12.694	105	48455	6.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	547	0.212	ug/l #	5
76) 1,2,3-Trichloropropane	12.847	75	65677	33.712	ug/l #	1

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

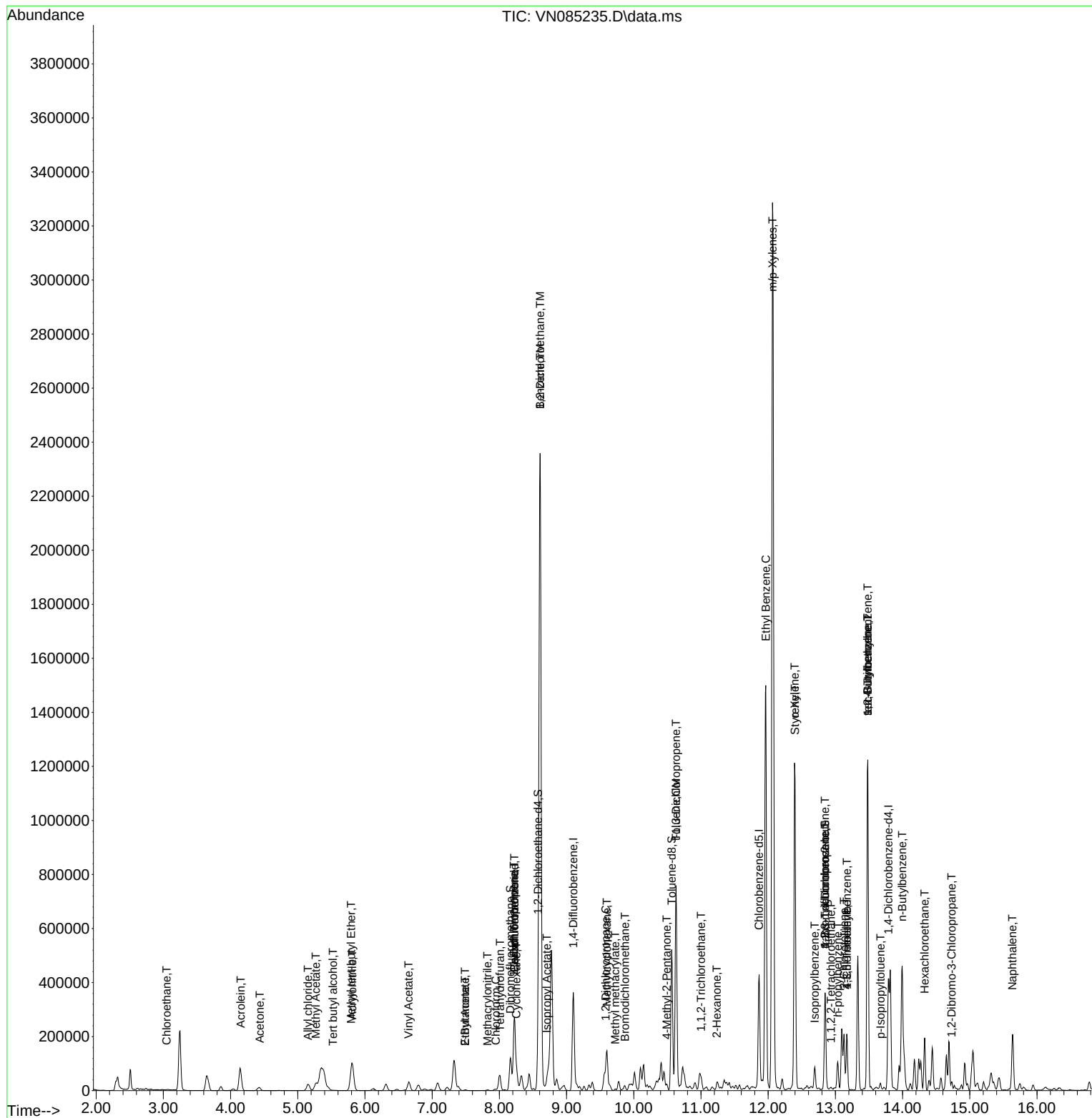
78) n-propylbenzene	13.035	91	77907	8.939	ug/l	99
79) 2-Chlorotoluene	13.129	91	15477	2.660	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.170	105	112072	17.676	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	65677	74.421	ug/l #	10
82) 4-Chlorotoluene	13.170	91	12338	2.037	ug/l #	42
83) tert-Butylbenzene	13.482	119	85946	15.754	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.482	105	709832	108.760	ug/l	99
85) sec-Butylbenzene	13.482	105	709832	96.320	ug/l #	57
86) p-Isopropyltoluene	13.670	119	11395	1.873	ug/l	95
89) n-Butylbenzene	13.994	91	59392	10.498	ug/l #	47
90) Hexachloroethane	14.329	117	9424	7.107	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.729	75	141	0.283	ug/l #	5
95) Naphthalene	15.635	128	196847	33.102	ug/l	99

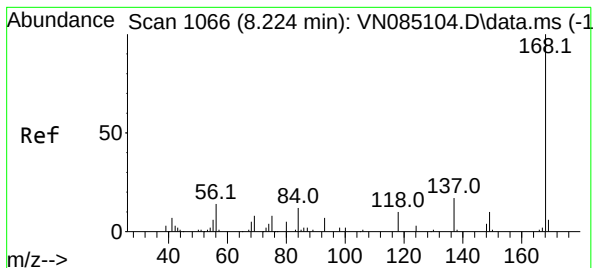
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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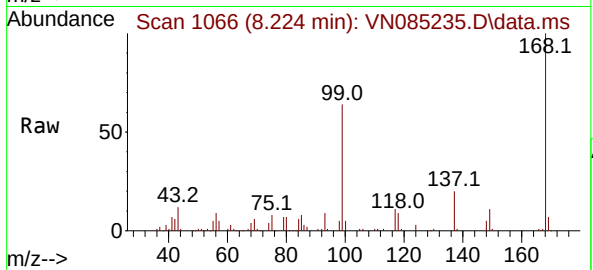
Quant Time: Dec 18 00:32:17 2024
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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



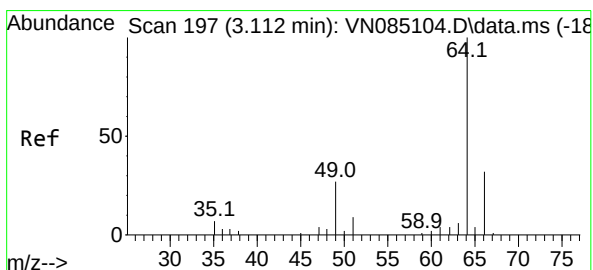
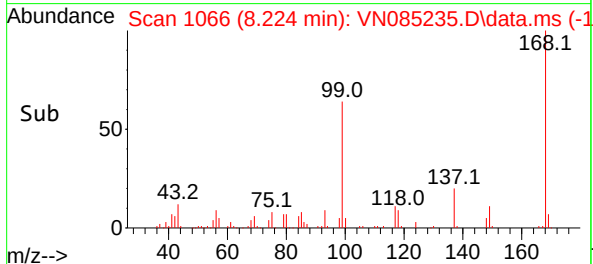
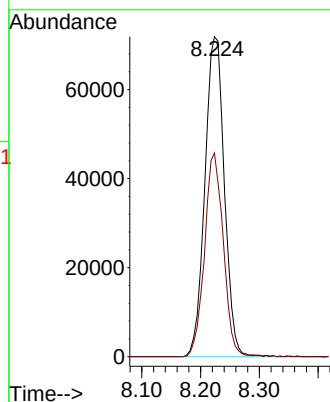


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

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ClientSampleId :

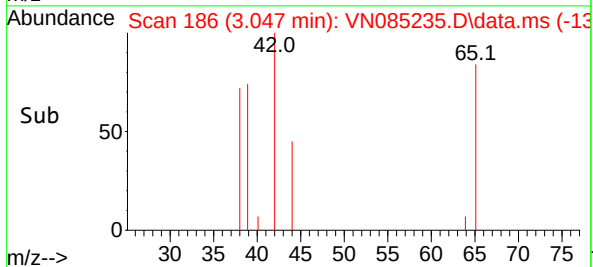
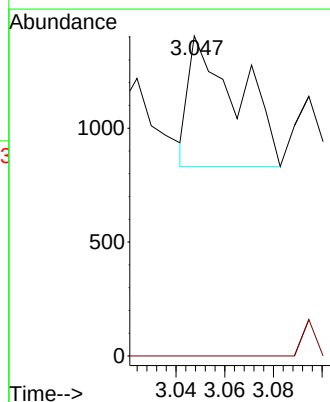
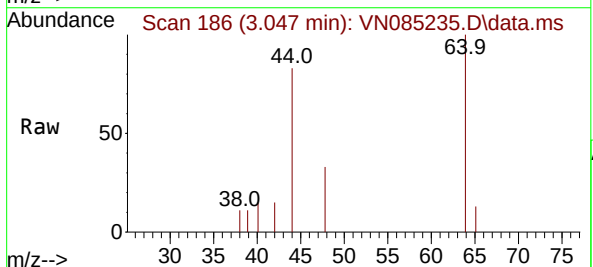


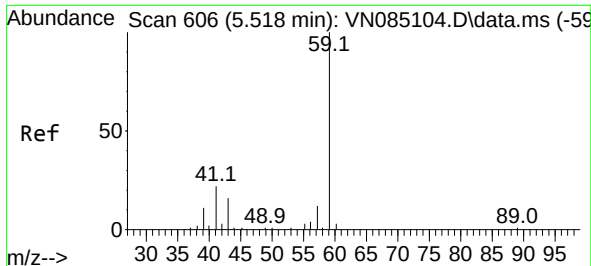
Tgt Ion:168 Resp: 165547
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8



#6
Chloroethane
Concen: 0.611 ug/l
RT: 3.047 min Scan# 186
Delta R.T. -0.018 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 64 Resp: 804
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#

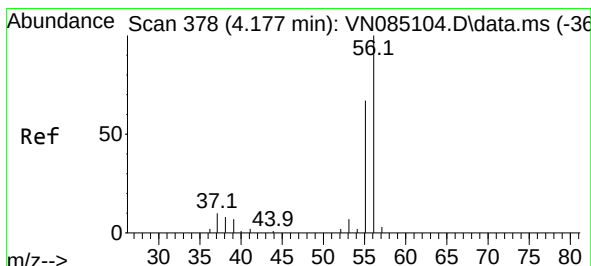
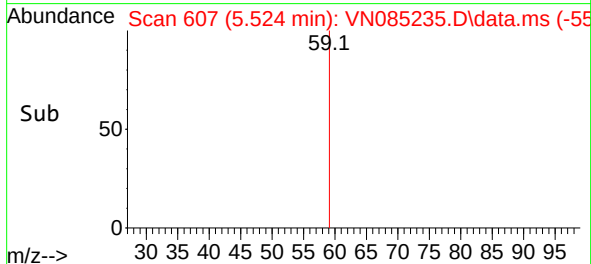
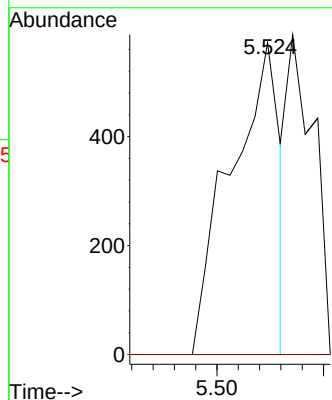
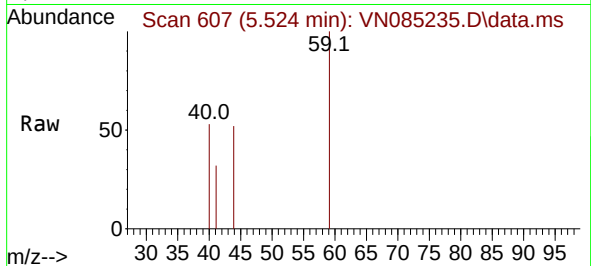




#11
Tert butyl alcohol
Concen: 2.901 ug/l
RT: 5.524 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

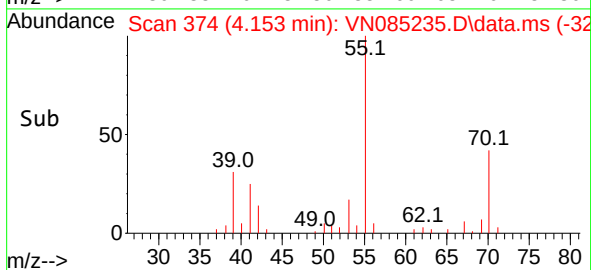
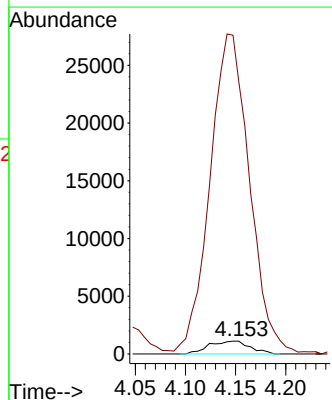
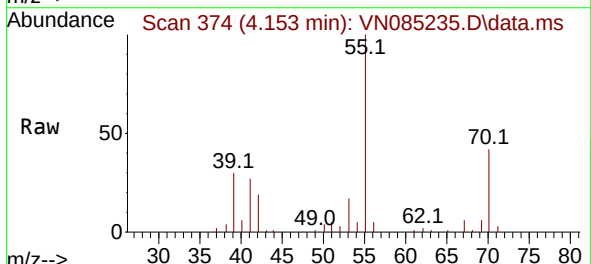
Instrument :
MSVOA_N
ClientSampleId :

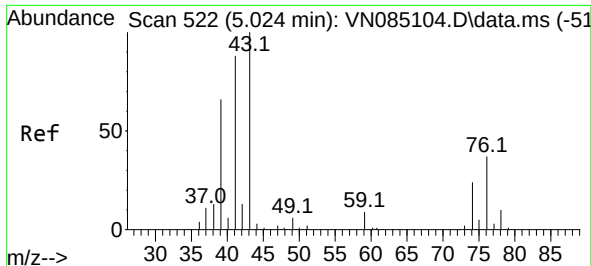
Tgt Ion: 59 Resp: 914
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#13
Acrolein
Concen: 15.052 ug/l
RT: 4.153 min Scan# 374
Delta R.T. -0.012 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

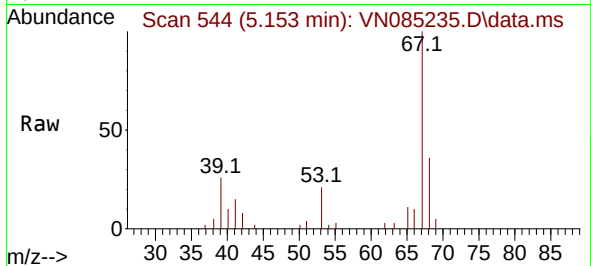
Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
55 2409.9 54.5 81.7#



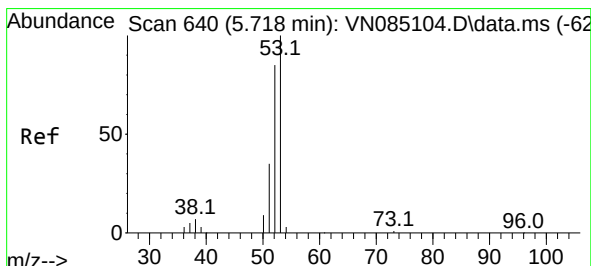
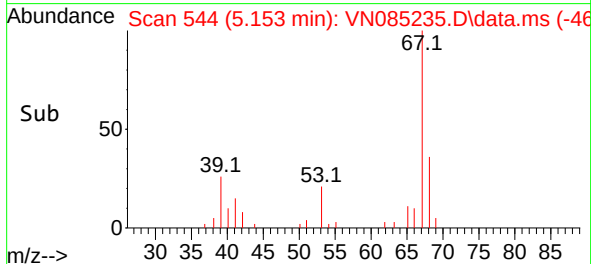
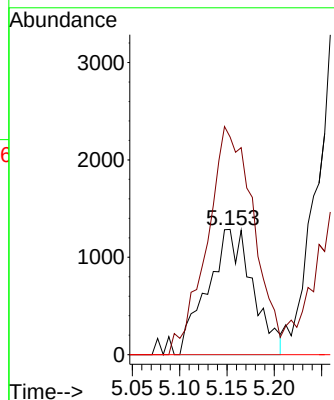


#14
 Allyl chloride
 Concen: 1.436 ug/l
 RT: 5.153 min Scan# 544
 Delta R.T. 0.147 min
 Lab File: VN085235.D
 Acq: 17 Dec 2024 19:34

Instrument :
 MSVOA_N
 ClientSampleId :

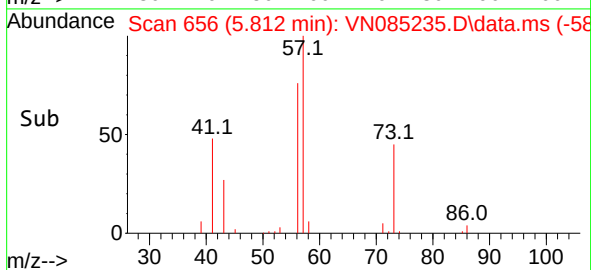
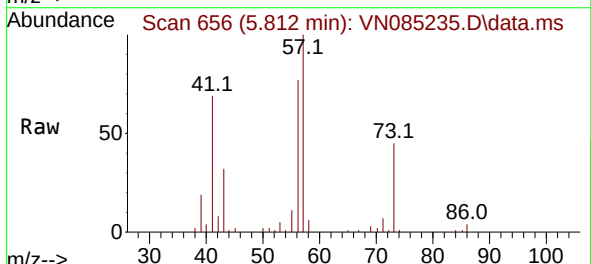
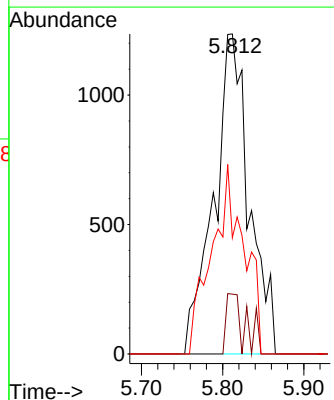


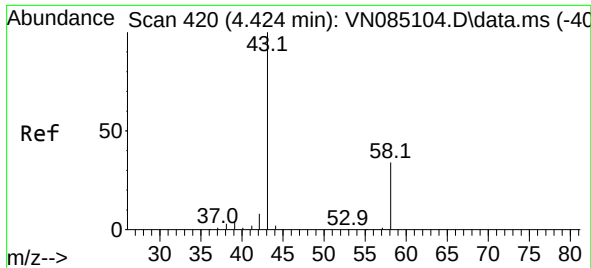
Tgt Ion: 41 Resp: 4255
 Ion Ratio Lower Upper
 41 100
 39 187.8 53.8 80.8#
 76 0.0 29.3 43.9#



#15
 Acrylonitrile
 Concen: 4.181 ug/l
 RT: 5.812 min Scan# 656
 Delta R.T. 0.100 min
 Lab File: VN085235.D
 Acq: 17 Dec 2024 19:34

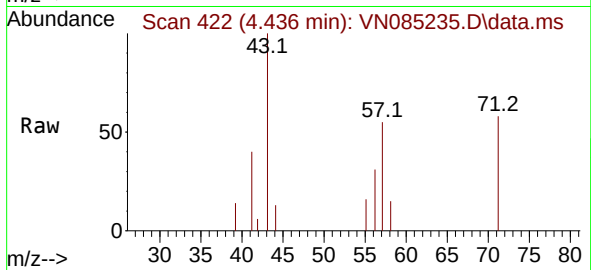
Tgt Ion: 53 Resp: 3730
 Ion Ratio Lower Upper
 53 100
 52 6.6 65.5 98.3#
 51 53.9 28.4 42.6#



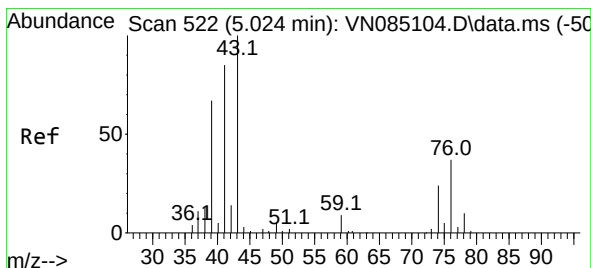
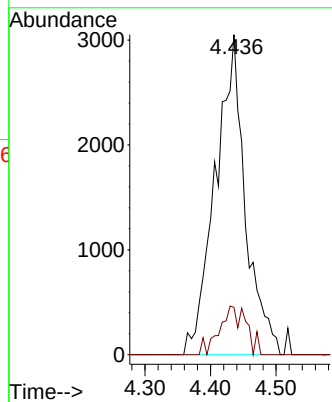
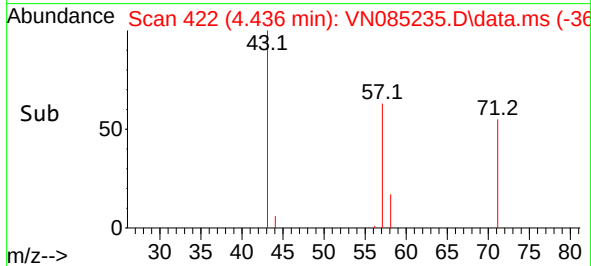


#16
Acetone
Concen: 14.127 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

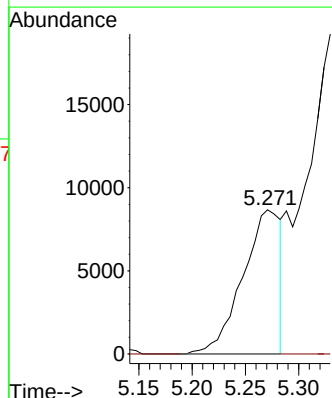
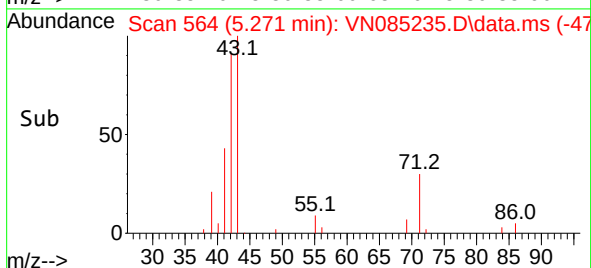
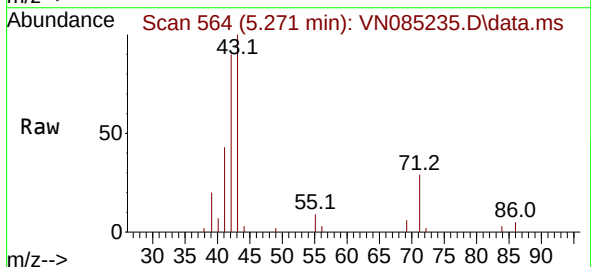


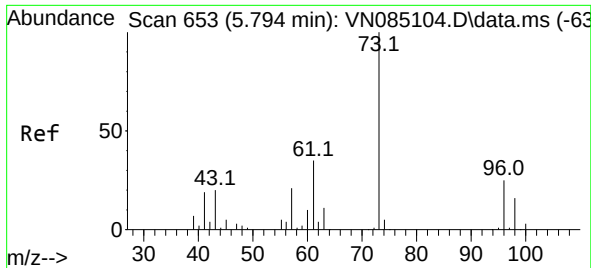
Tgt Ion: 43 Resp: 9702
Ion Ratio Lower Upper
43 100
58 14.8 25.4 38.2#



#18
Methyl Acetate
Concen: 8.764 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.253 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 43 Resp: 21315
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

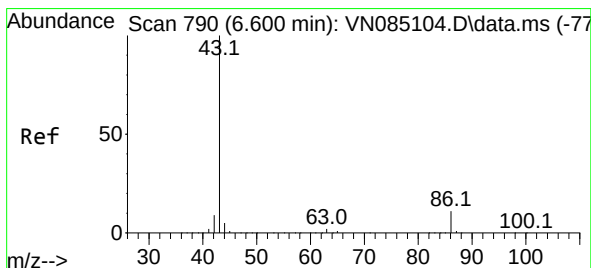
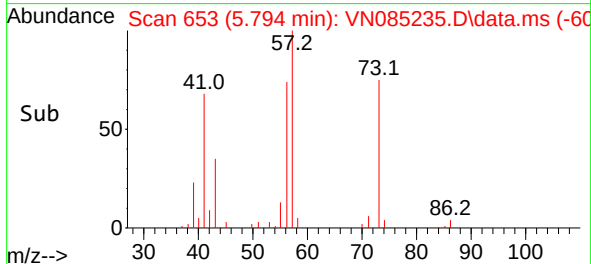
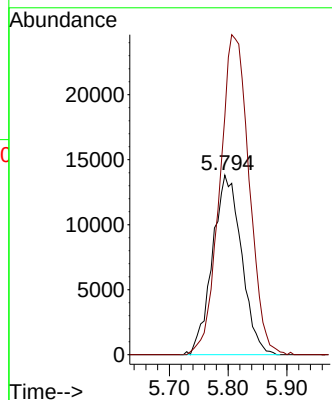
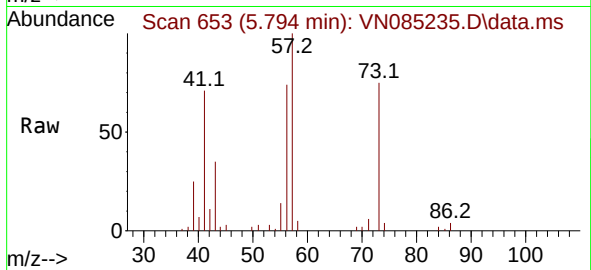




#19
Methyl tert-butyl Ether
Concen: 8.297 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

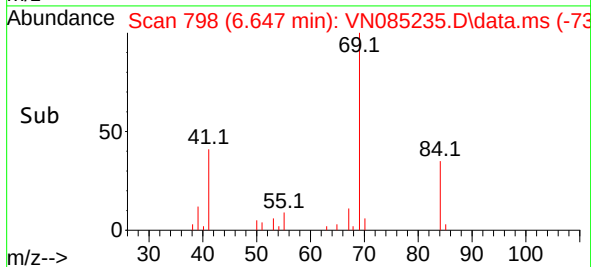
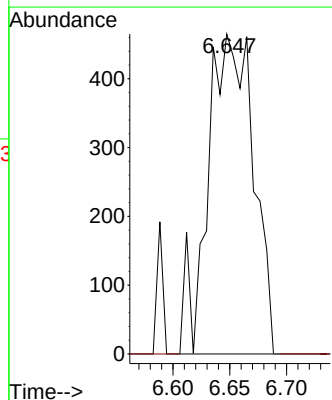
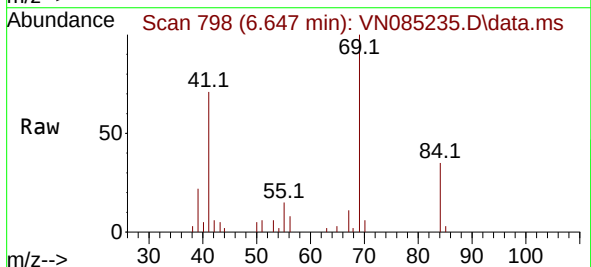
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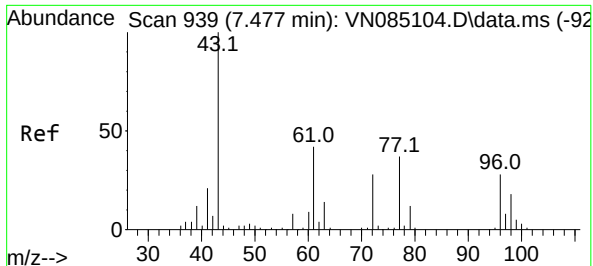
Tgt Ion: 73 Resp: 47631
Ion Ratio Lower Upper
73 100
57 132.8 17.0 25.4#



#23
Vinyl Acetate
Concen: 0.317 ug/l
RT: 6.647 min Scan# 798
Delta R.T. 0.053 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
86 0.0 8.9 13.3#

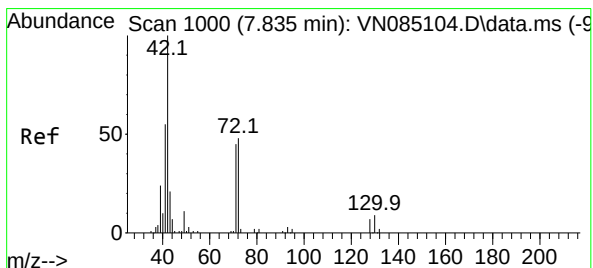
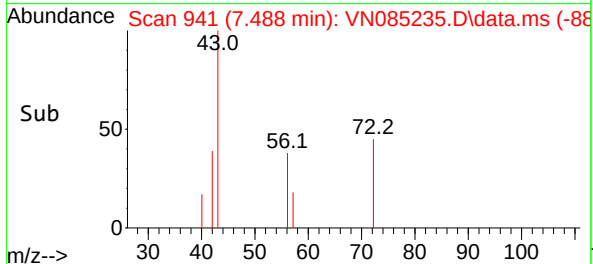
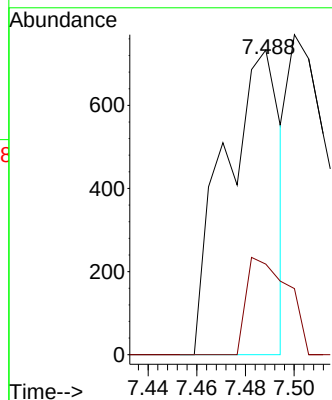
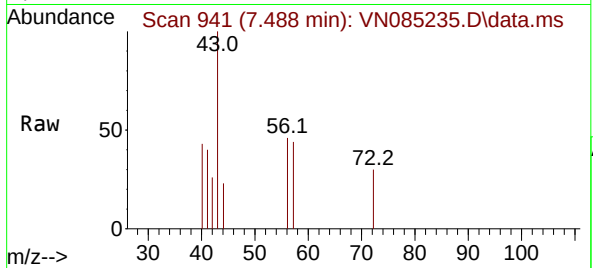




#25
2-Butanone
Concen: 1.035 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

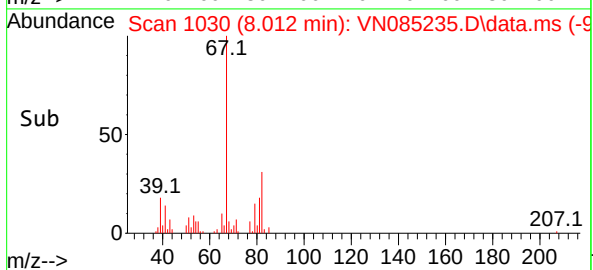
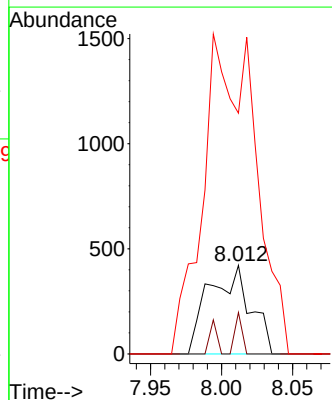
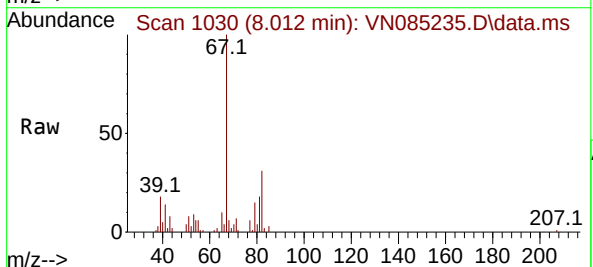
Instrument :
MSVOA_N
ClientSampleId :

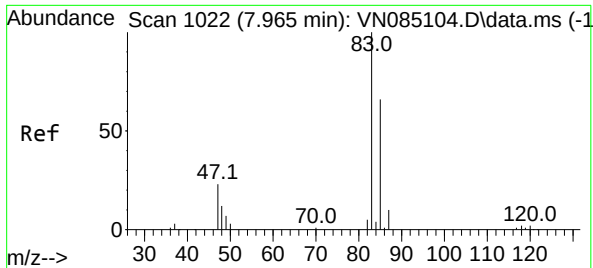
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
72 29.7 21.4 32.0



#29
Tetrahydrofuran
Concen: 1.223 ug/l
RT: 8.012 min Scan# 1030
Delta R.T. 0.176 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 42 Resp: 854
Ion Ratio Lower Upper
42 100
72 8.2 37.0 55.4#
71 0.0 35.0 52.4#





#30

Chloroform

Concen: 1.665 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.012 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

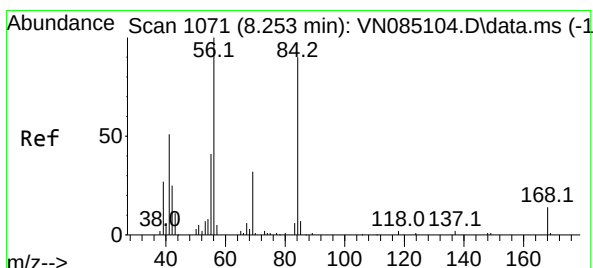
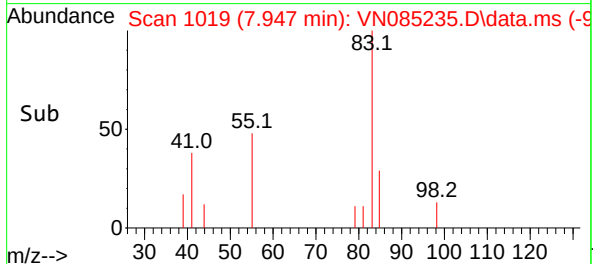
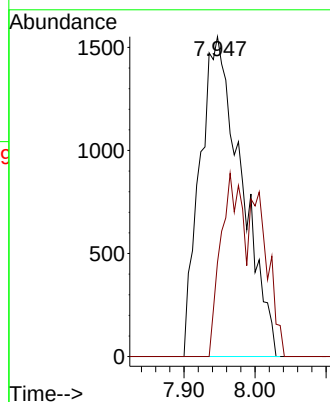
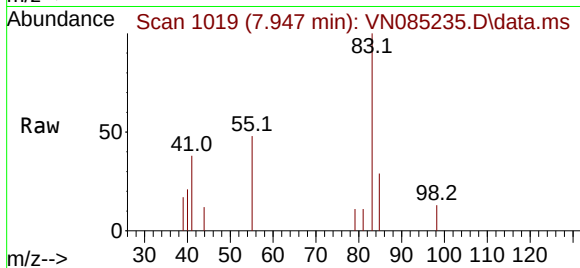
ClientSampleId :

Tgt Ion: 83 Resp: 6320

Ion Ratio Lower Upper

83 100

85 29.4 52.6 78.8#



#31

Cyclohexane

Concen: 14.700 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

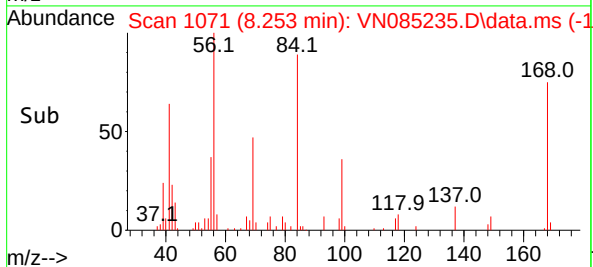
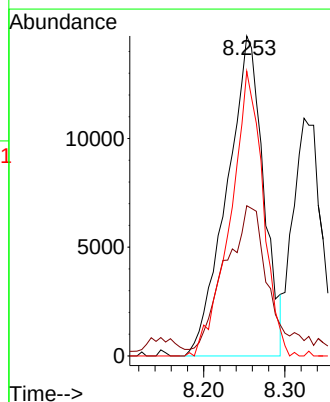
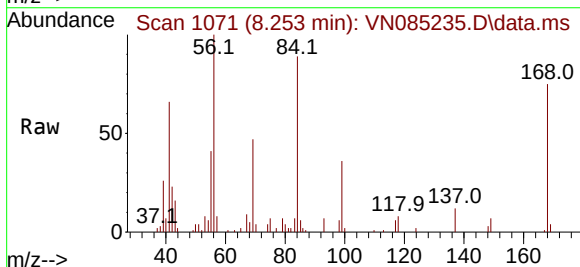
Tgt Ion: 56 Resp: 46174

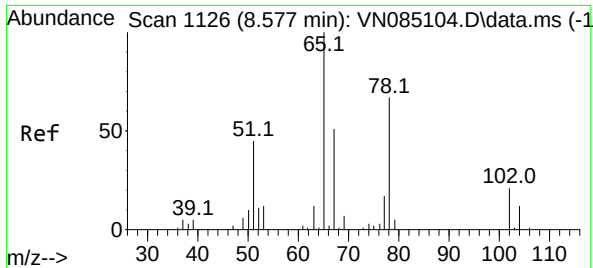
Ion Ratio Lower Upper

56 100

69 44.1 24.6 36.8#

84 88.9 71.4 107.2

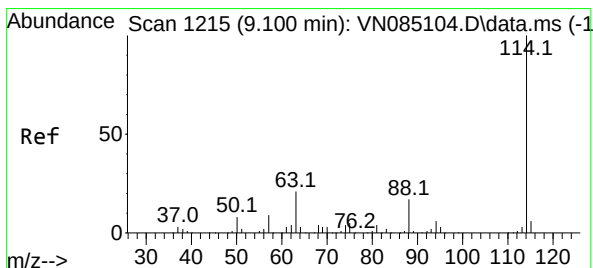
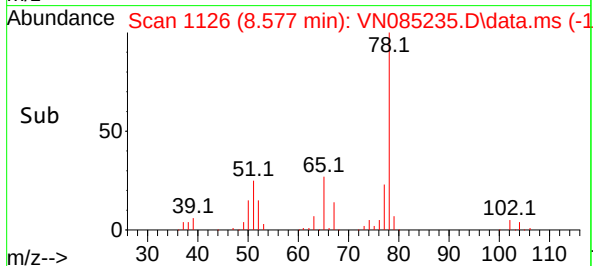
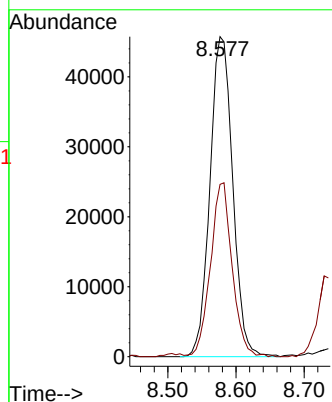
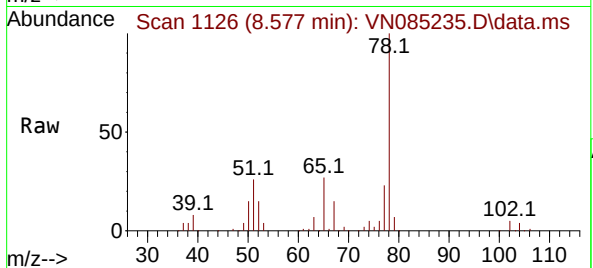




#33
1,2-Dichloroethane-d4
Concen: 45.097 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

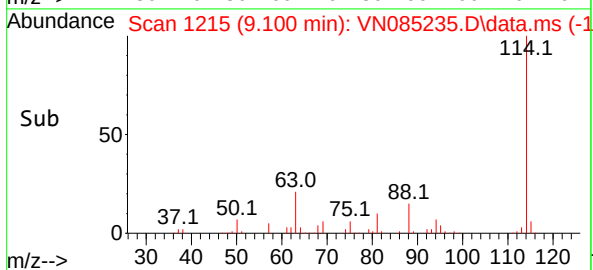
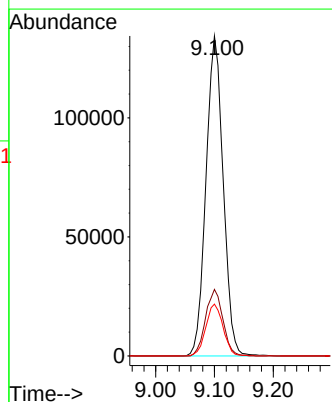
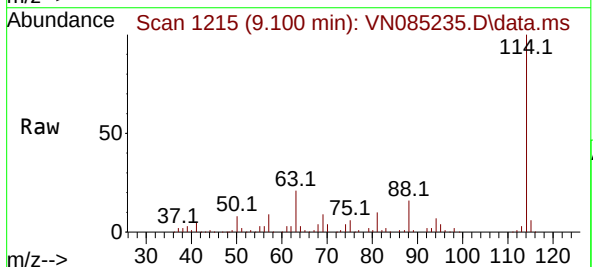
Instrument :
MSVOA_N
ClientSampleId :

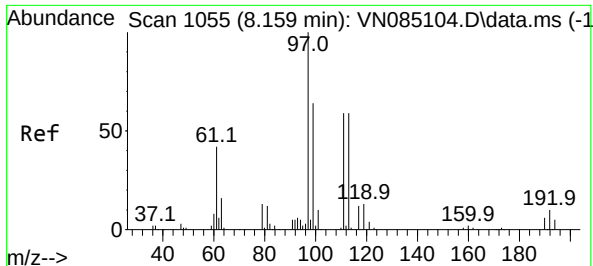
Tgt Ion: 65 Resp: 106344
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 114 Resp: 273247
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.0
88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.386 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

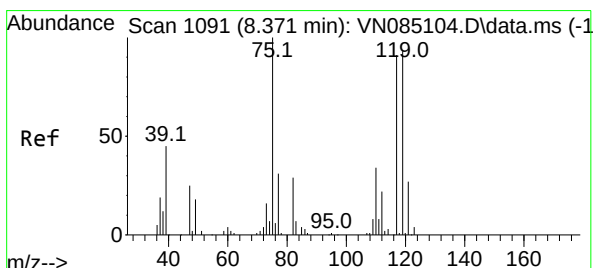
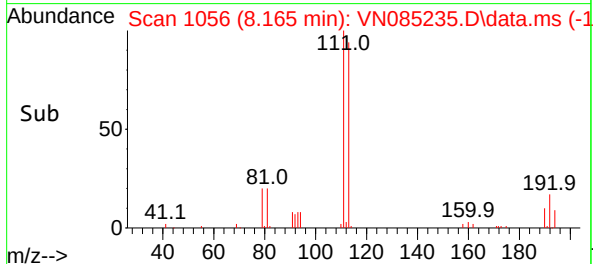
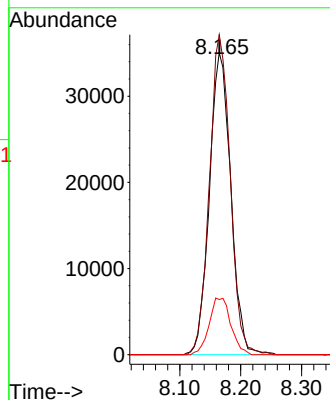
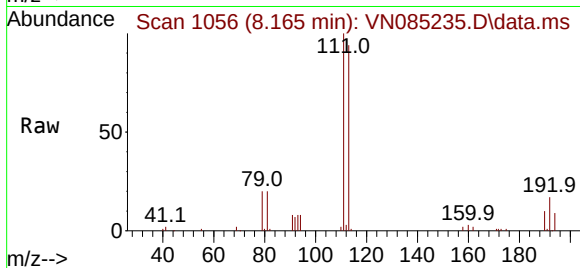
Tgt Ion:113 Resp: 85474

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 19.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.593 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

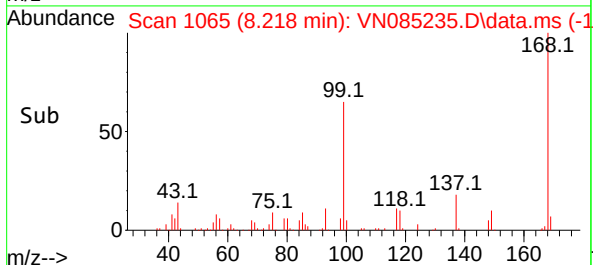
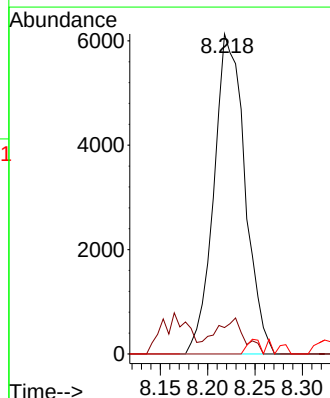
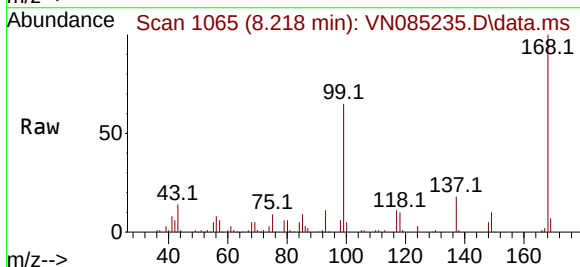
Tgt Ion: 75 Resp: 13959

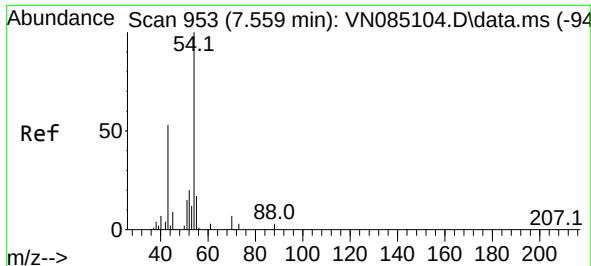
Ion Ratio Lower Upper

75 100

110 10.3 17.2 51.6#

77 0.0 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.512 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.065 min

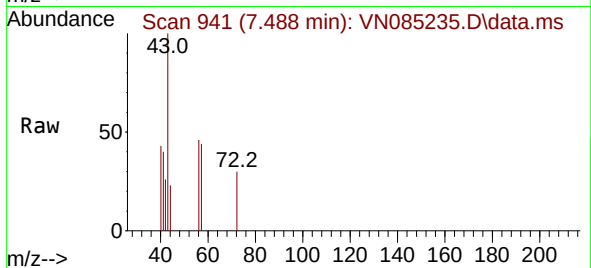
Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

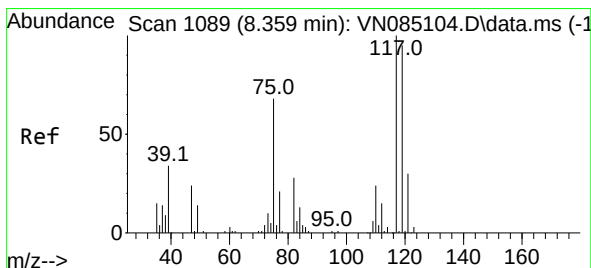
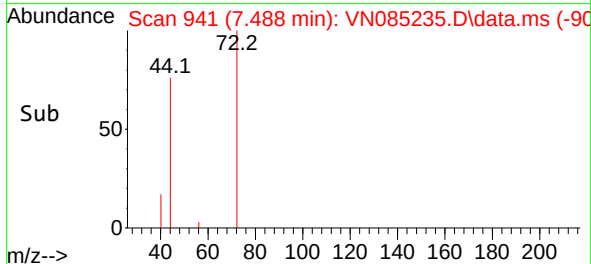
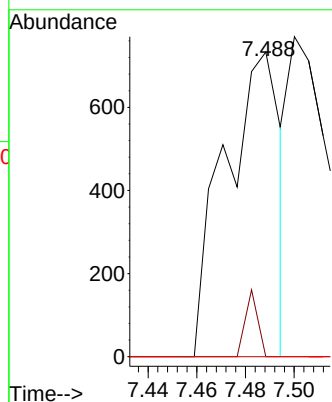
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1162
Ion	Ratio	Lower	Upper
43	100		
61	4.9	11.7	17.5#
70	0.0	9.3	13.9#



#38

Carbon Tetrachloride

Concen: 5.923 ug/l

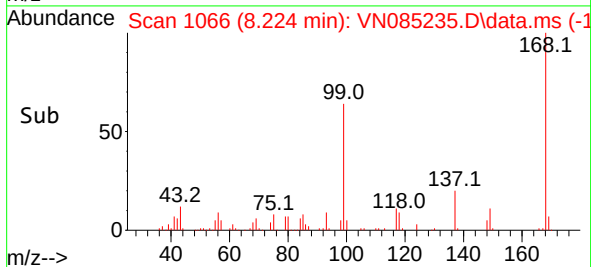
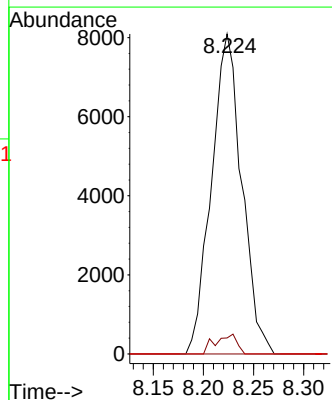
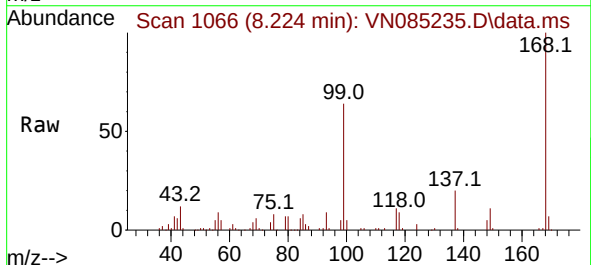
RT: 8.224 min Scan# 1066

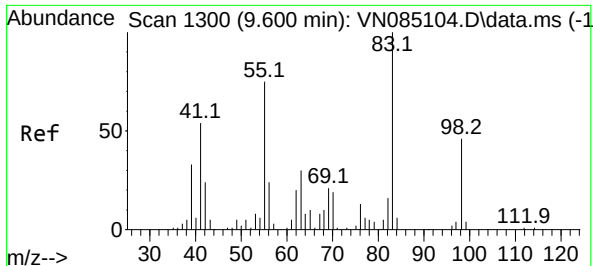
Delta R.T. -0.130 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Tgt Ion:	117	Resp:	17063
Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.6	117.8#
121	0.0	24.2	36.2#





#39

Methylcyclohexane

Concen: 23.311 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

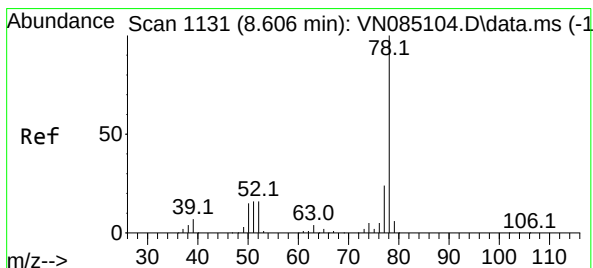
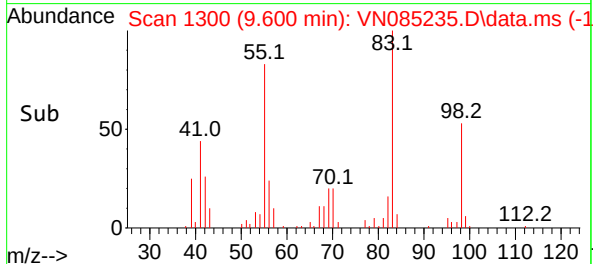
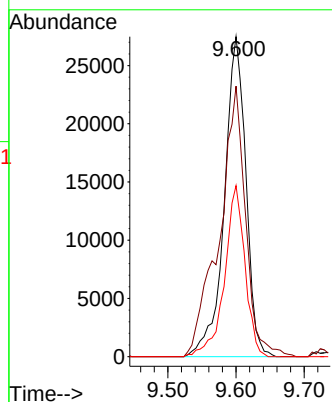
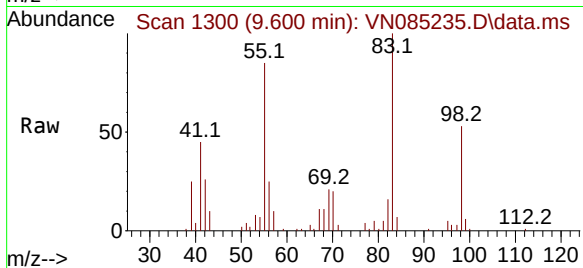
Tgt Ion: 83 Resp: 60460

Ion Ratio Lower Upper

83 100

55 84.5 61.8 92.6

98 53.5 37.0 55.6



#40

Benzene

Concen: 312.263 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085235.D

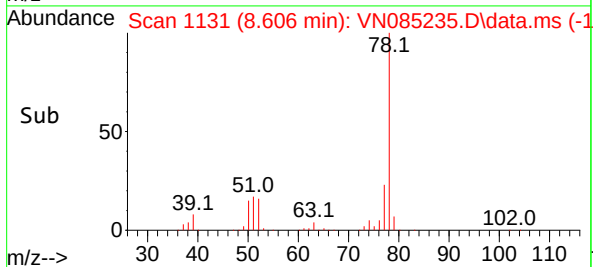
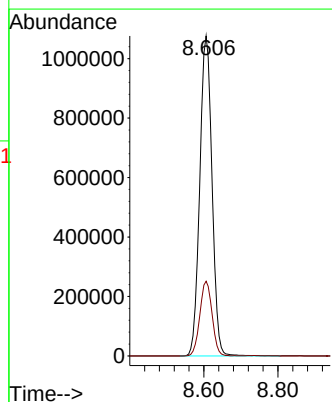
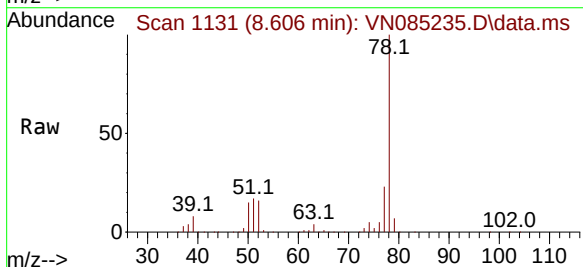
Acq: 17 Dec 2024 19:34

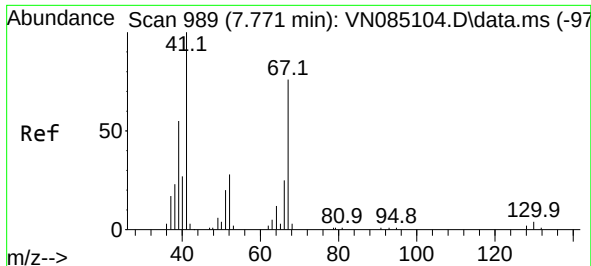
Tgt Ion: 78 Resp: 2465034

Ion Ratio Lower Upper

78 100

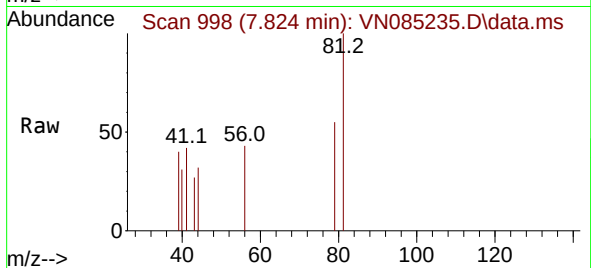
77 23.4 18.5 27.7



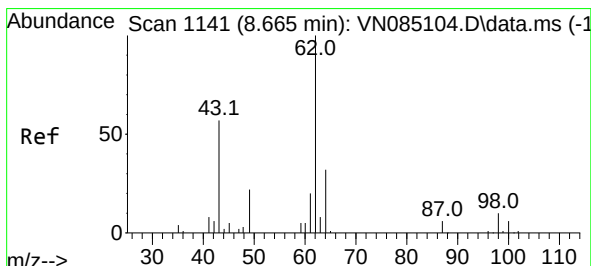
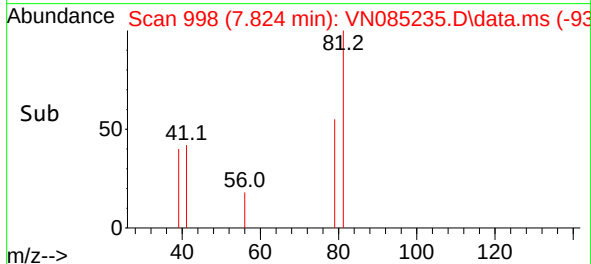
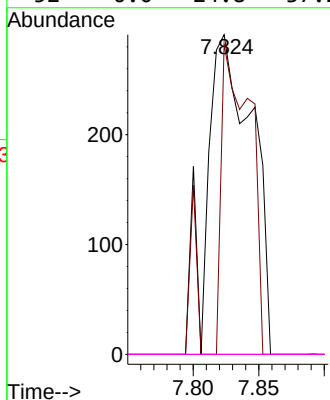


#41
Methacrylonitrile
Concen: 0.559 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

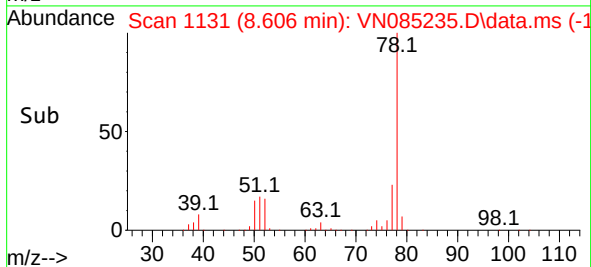
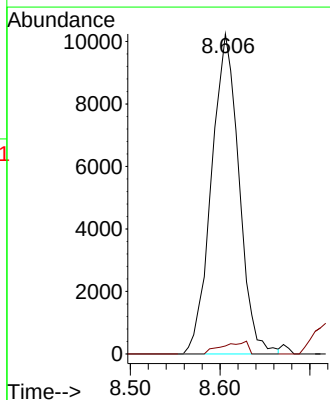
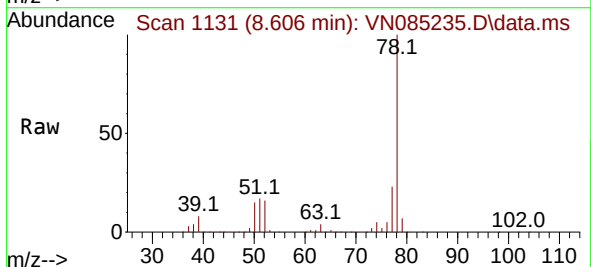


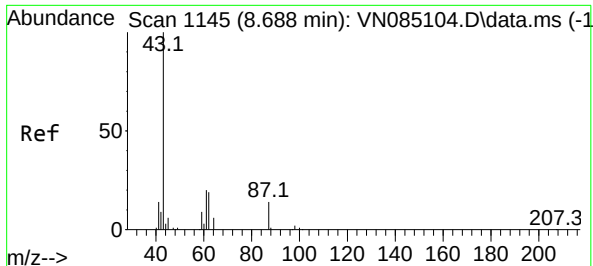
Tgt Ion:	41	Resp:	702
Ion	Ratio	Lower	Upper
41	100		
39	60.7	42.6	63.8
67	0.0	59.9	89.9#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 8.078 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.059 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion:	62	Resp:	21816
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 2.260 ug/l

RT: 8.706 min Scan# 1145

Delta R.T. 0.023 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

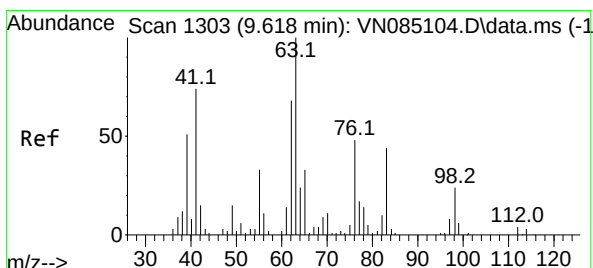
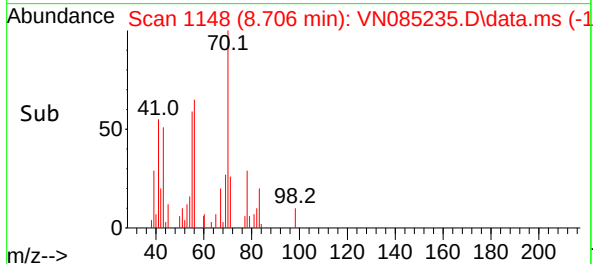
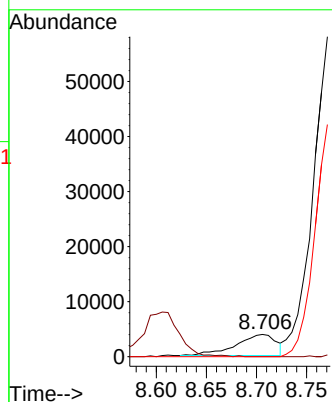
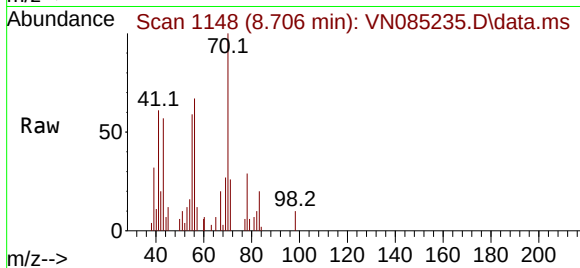
Tgt Ion: 43 Resp: 10652

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 11.0 16.4#



#45

1,2-Dichloropropane

Concen: 0.273 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.036 min

Lab File: VN085235.D

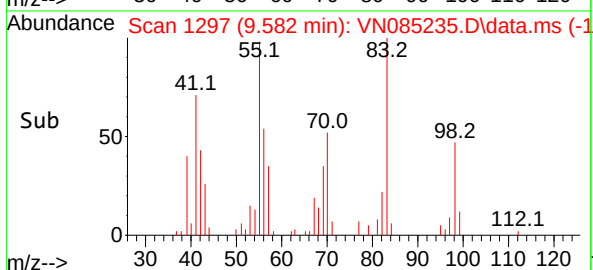
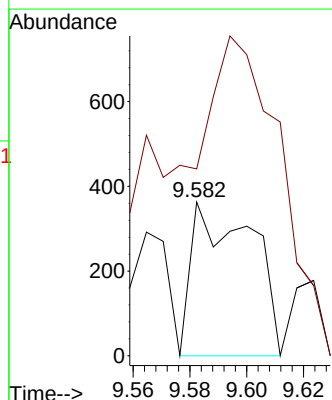
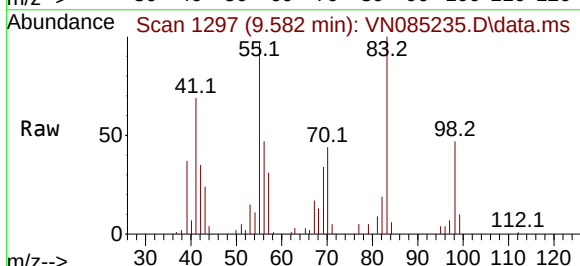
Acq: 17 Dec 2024 19:34

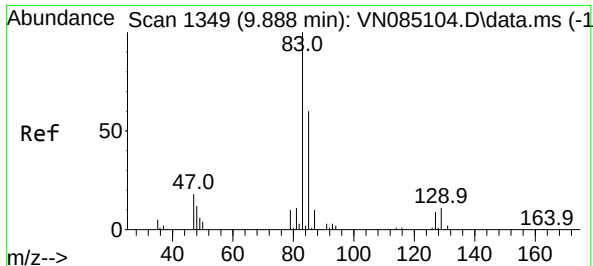
Tgt Ion: 63 Resp: 530

Ion Ratio Lower Upper

63 100

65 0.0 24.0 36.0#

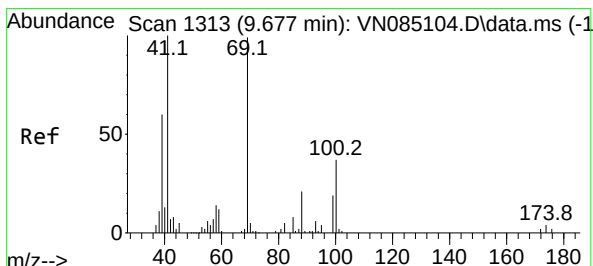
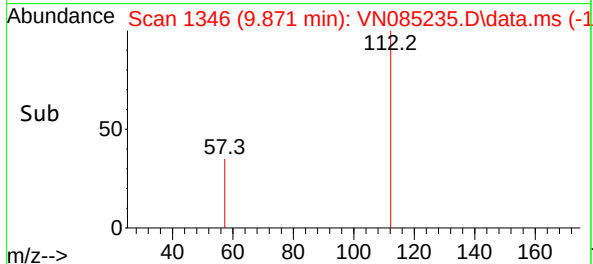
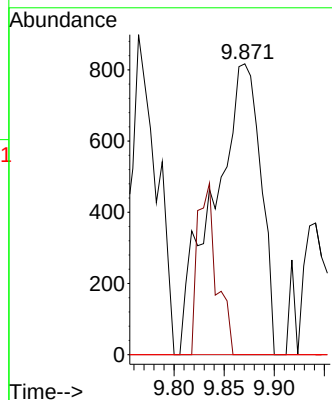
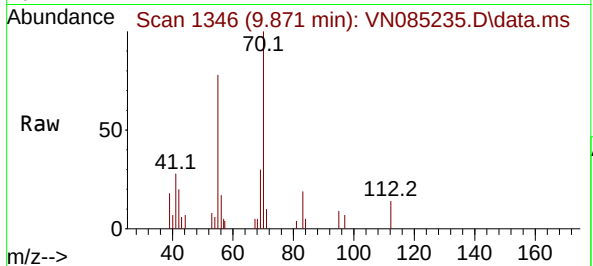




#47
Bromodichloromethane
Concen: 0.929 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

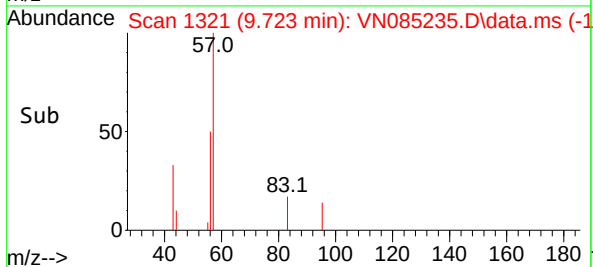
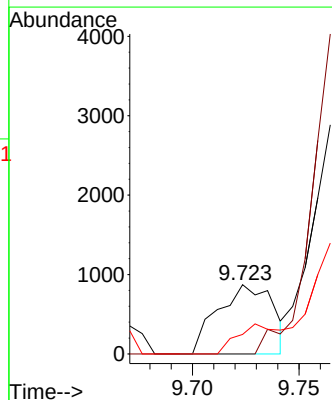
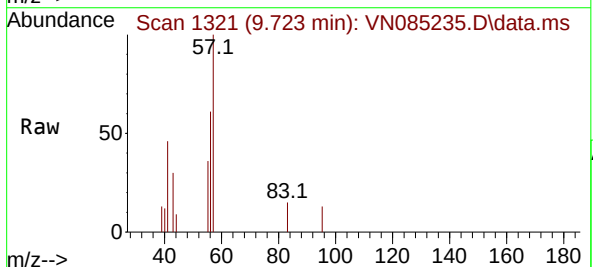
Instrument :
MSVOA_N
ClientSampleId :

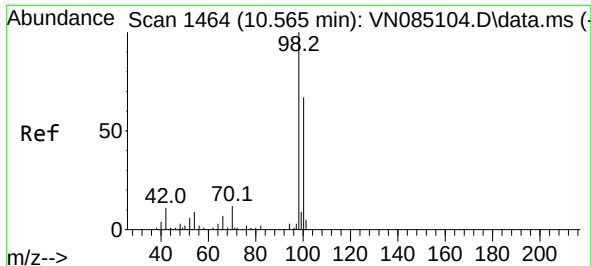
Tgt Ion: 83 Resp: 2659
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.892 ug/l
RT: 9.723 min Scan# 1321
Delta R.T. 0.047 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 41 Resp: 1565
Ion Ratio Lower Upper
41 100
69 0.0 73.2 109.8#
39 0.0 46.2 69.4#

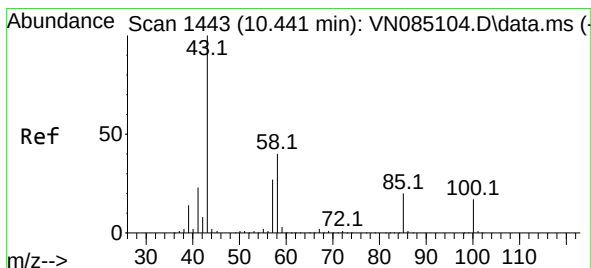
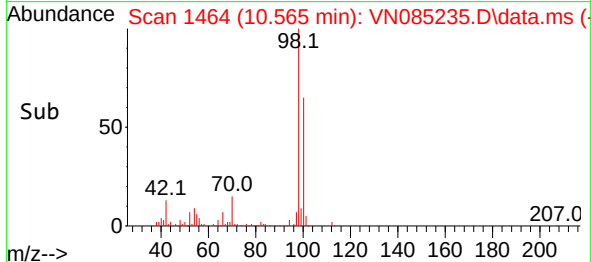
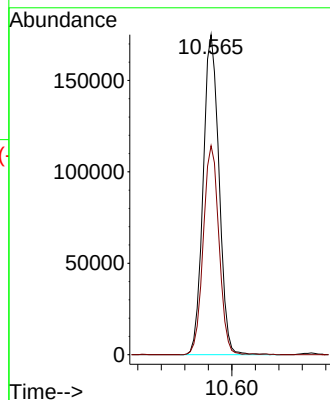
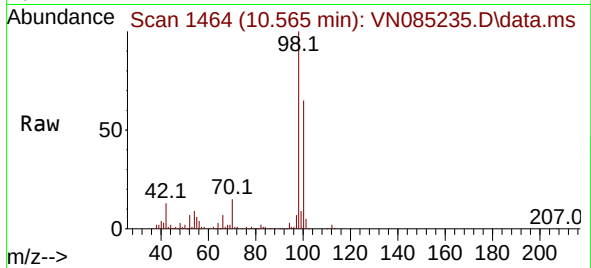




#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

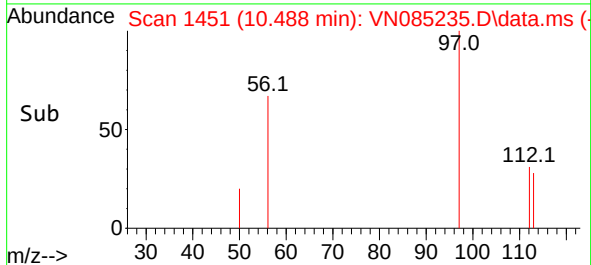
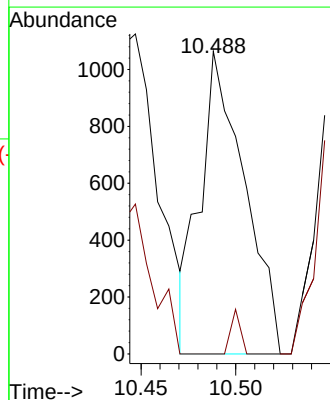
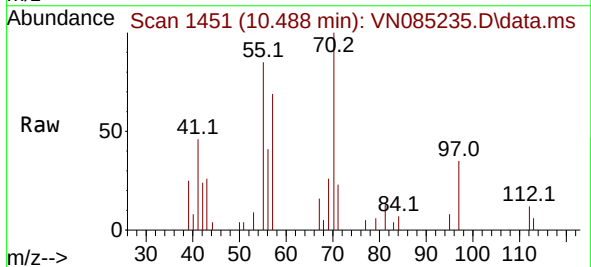
Instrument :
MSVOA_N
ClientSampleId :

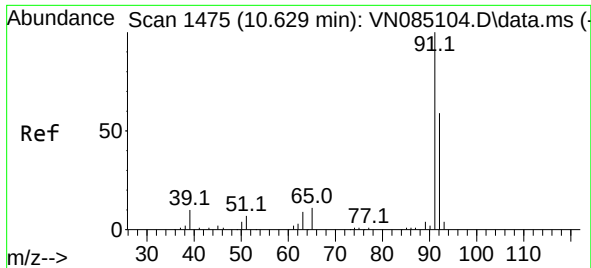
Tgt Ion: 98 Resp: 326419
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.805 ug/l
RT: 10.488 min Scan# 1451
Delta R.T. 0.047 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 0.0 32.1 48.1#

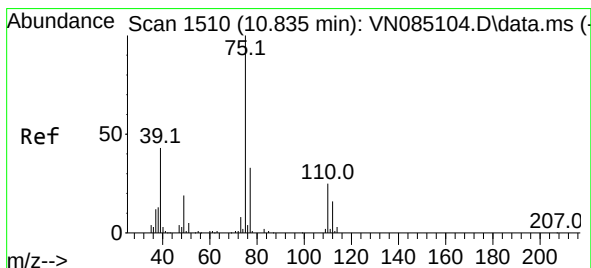
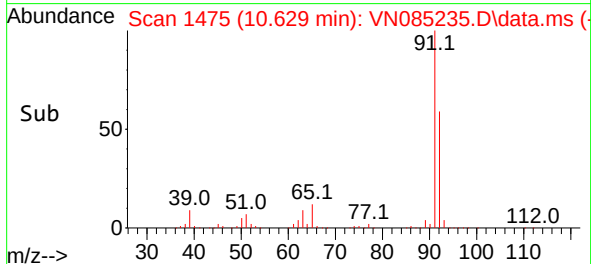
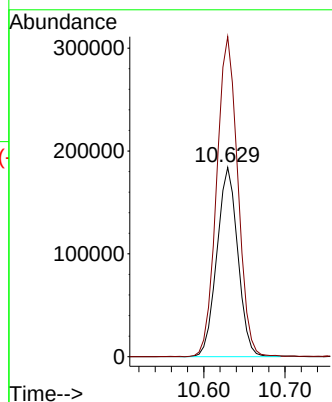
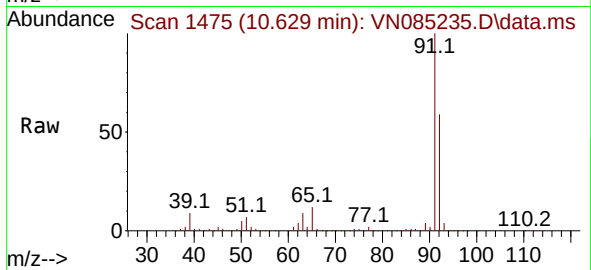




#52
Toluene
Concen: 70.457 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

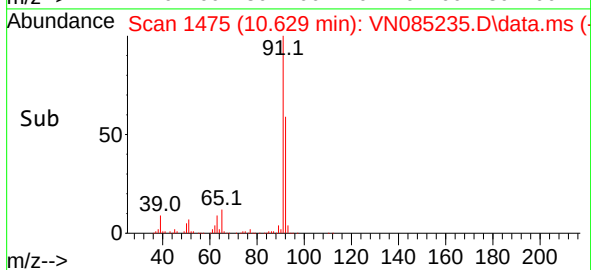
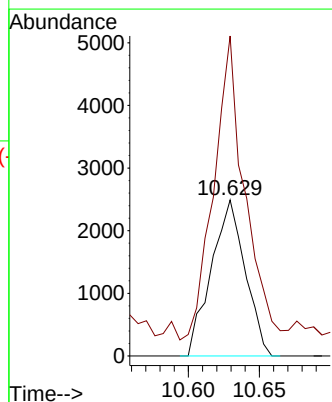
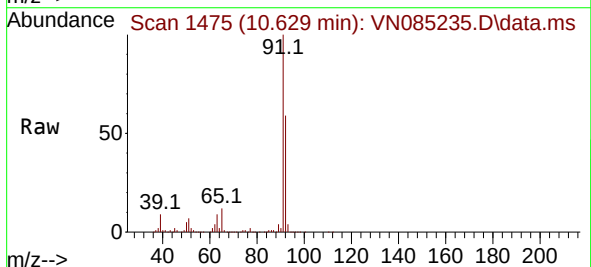
Instrument :
MSVOA_N
ClientSampleId :

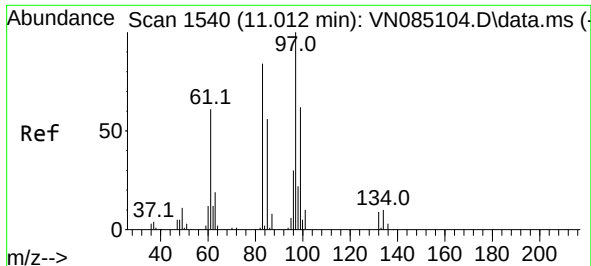
Tgt Ion: 92 Resp: 329264
Ion Ratio Lower Upper
92 100
91 171.5 136.7 205.1



#53
t-1,3-Dichloropropene
Concen: 1.441 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

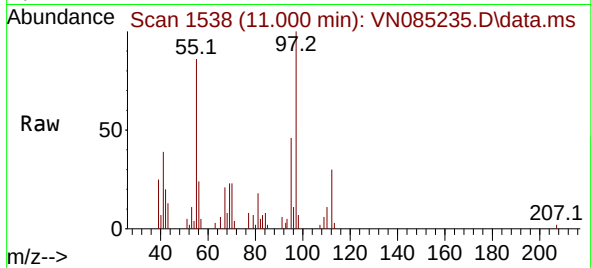
Tgt Ion: 75 Resp: 4138
Ion Ratio Lower Upper
75 100
77 194.9 25.0 37.4#



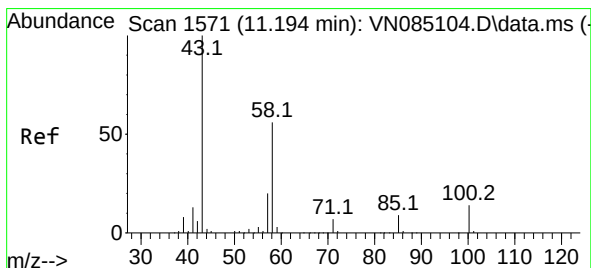
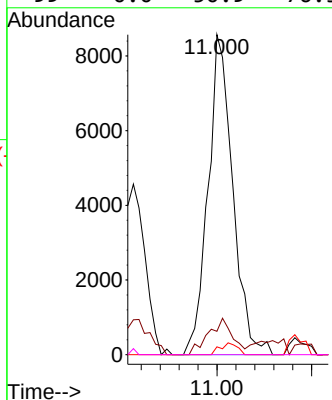
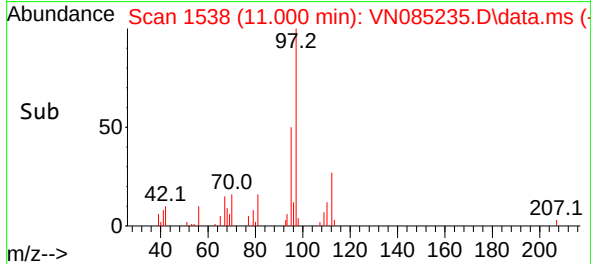


#55
1,1,2-Trichloroethane
Concen: 8.910 ug/l
RT: 11.000 min Scan# 15510
Delta R.T. -0.012 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

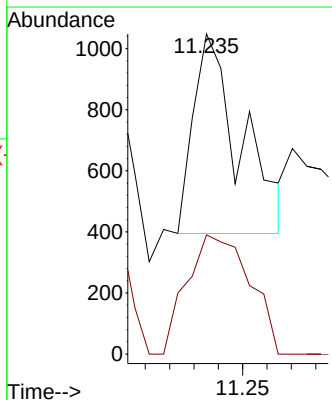
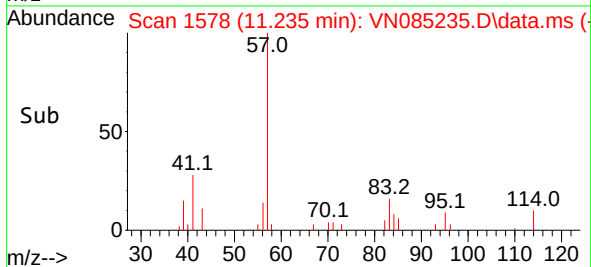
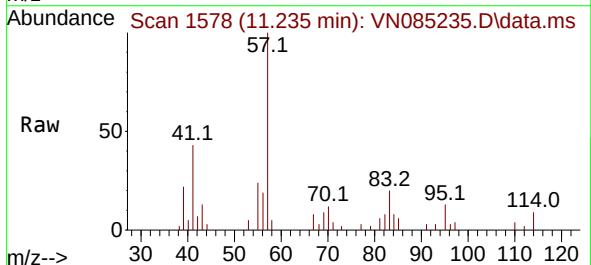


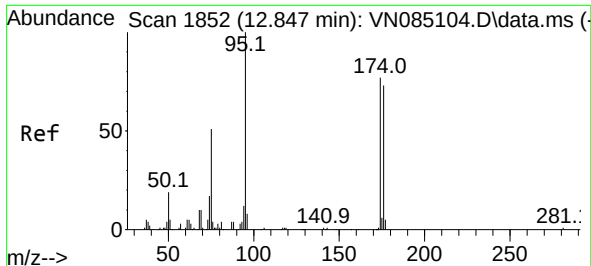
Tgt Ion: 97	Resp: 15510
Ion Ratio	Lower Upper
97 100	
83 7.3	67.4 101.2#
85 2.5	43.1 64.7#
99 0.0	50.9 76.3#



#59
2-Hexanone
Concen: 0.542 ug/l
RT: 11.235 min Scan# 1578
Delta R.T. 0.041 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 43	Resp: 872
Ion Ratio	Lower Upper
43 100	
58 80.3	28.3 85.0

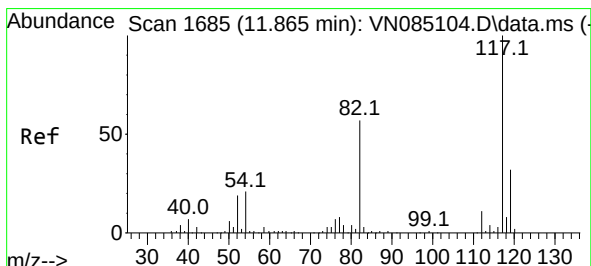
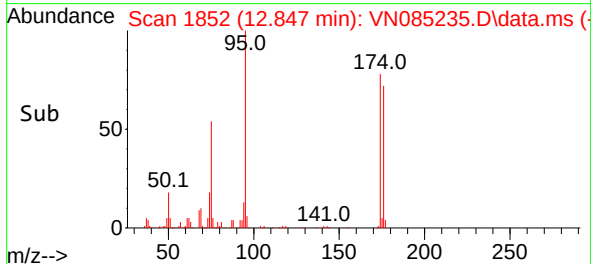
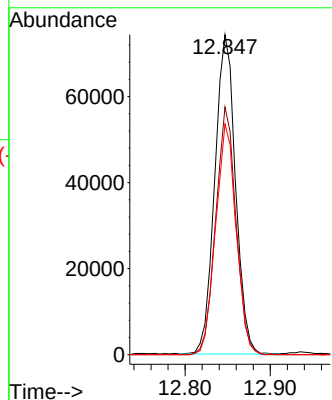
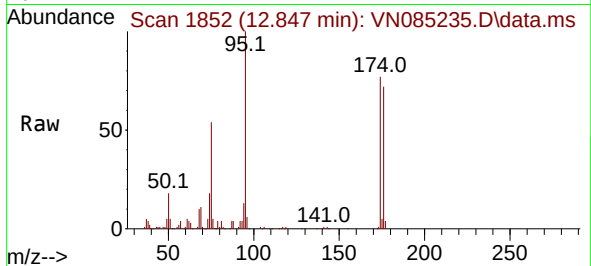




#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

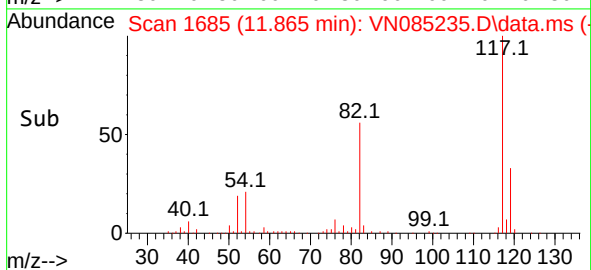
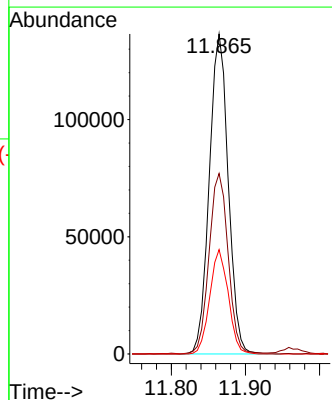
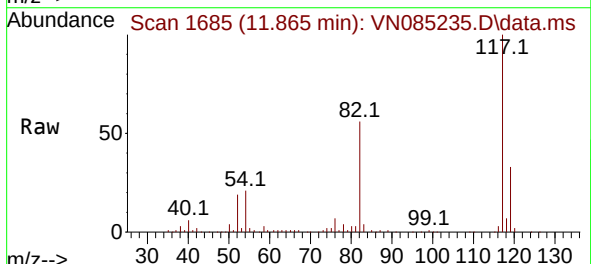
Instrument :
MSVOA_N
ClientSampleId :

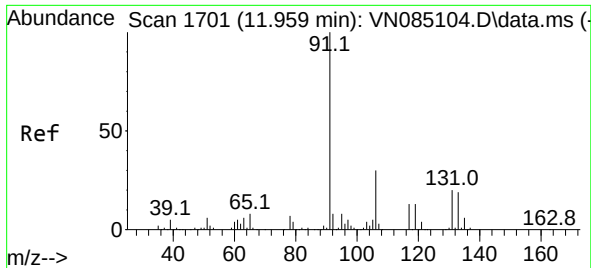
Tgt Ion: 95 Resp: 125345
Ion Ratio Lower Upper
95 100
174 75.6 0.0 146.6
176 71.4 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 117 Resp: 242177
Ion Ratio Lower Upper
117 100
82 56.4 46.0 69.0
119 32.6 25.6 38.4

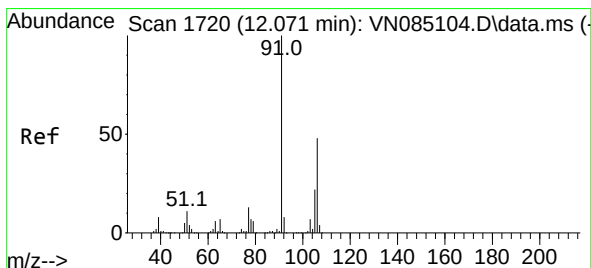
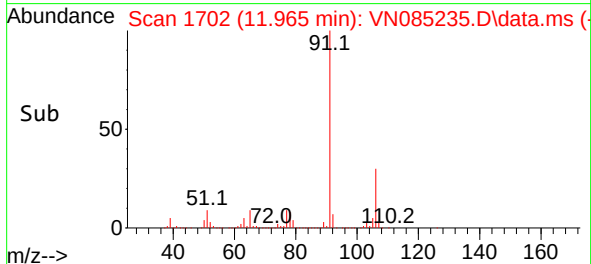
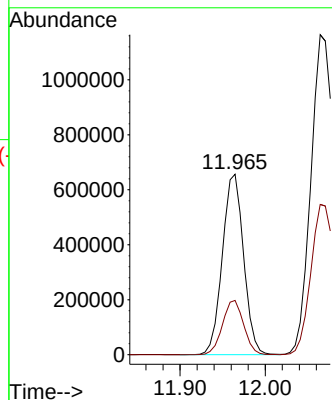
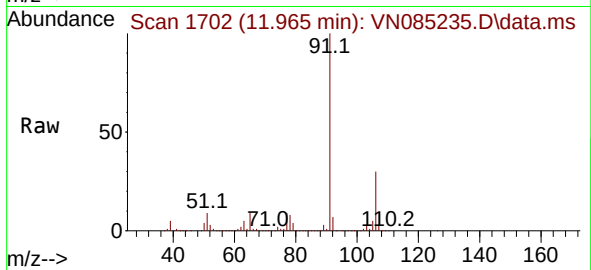




#67
Ethyl Benzene
Concen: 127.905 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

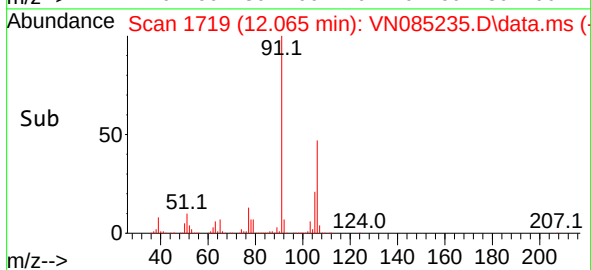
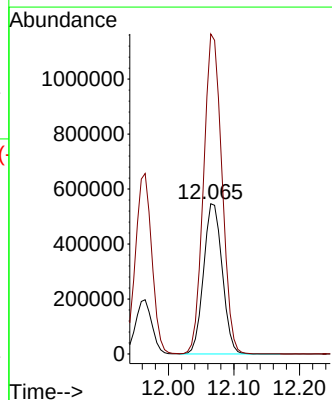
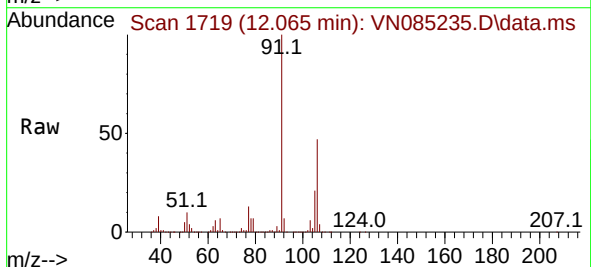
Instrument :
MSVOA_N
ClientSampleId :

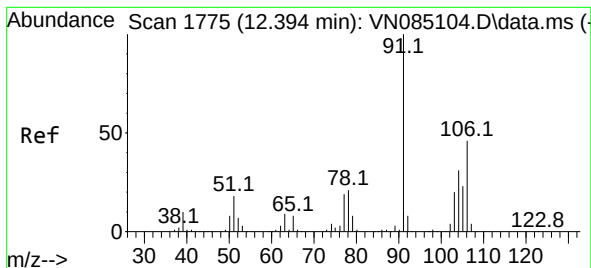
Tgt Ion: 91 Resp: 1139705
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1



#68
m/p-Xylenes
Concen: 319.031 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion:106 Resp: 1082287
Ion Ratio Lower Upper
106 100
91 210.3 168.0 252.0

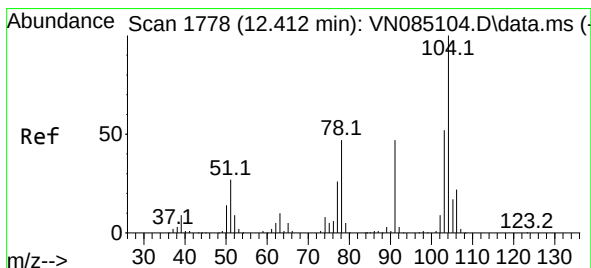
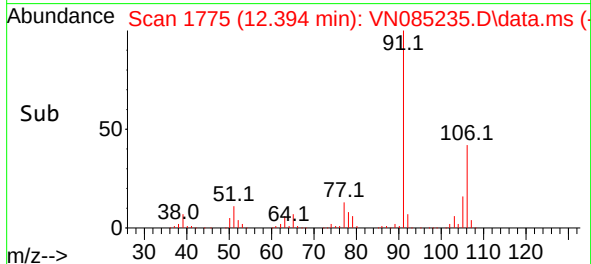
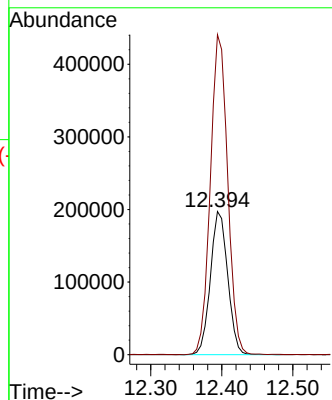
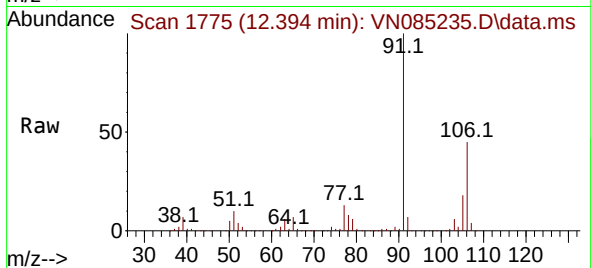




#69
o-Xylene
Concen: 103.244 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

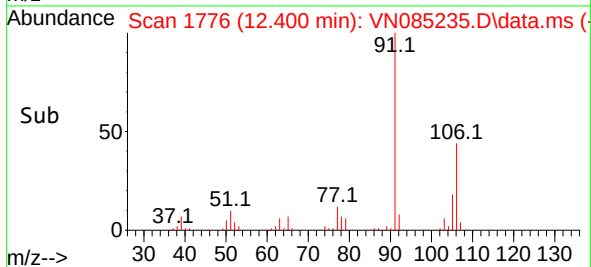
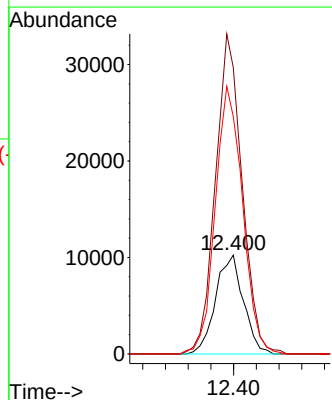
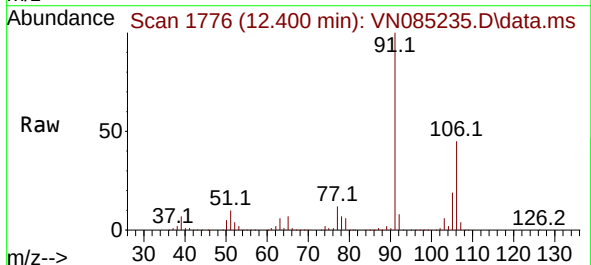
Instrument :
MSVOA_N
ClientSampleId :

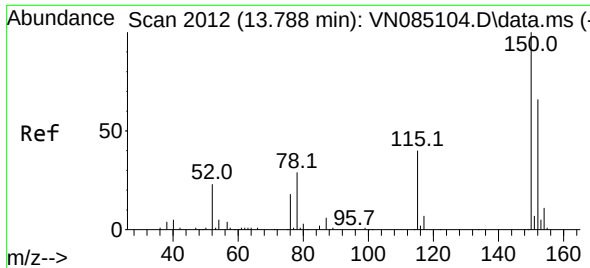
Tgt Ion:106 Resp: 333169
Ion Ratio Lower Upper
106 100
91 223.9 110.7 331.9



#70
Styrene
Concen: 3.245 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

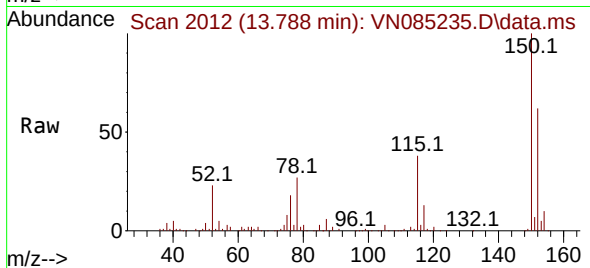
Tgt Ion:104 Resp: 17414
Ion Ratio Lower Upper
104 100
78 309.9 42.3 63.5#
103 266.5 44.2 66.2#



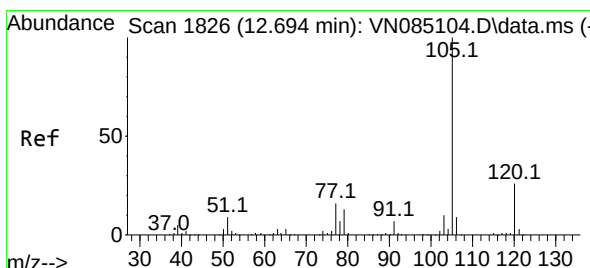
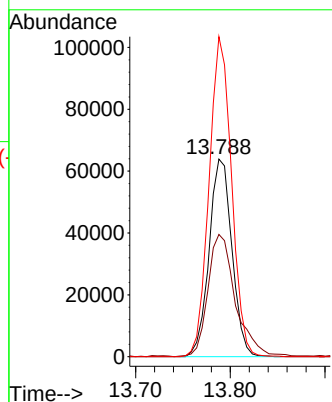
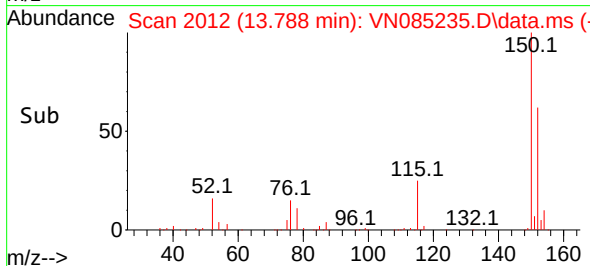


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Instrument :
MSVOA_N
ClientSampleId :

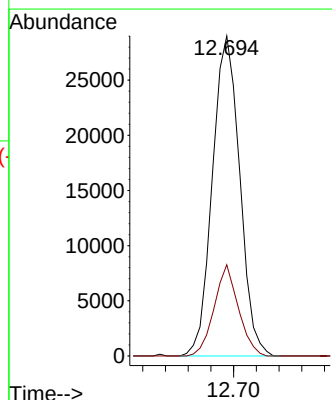
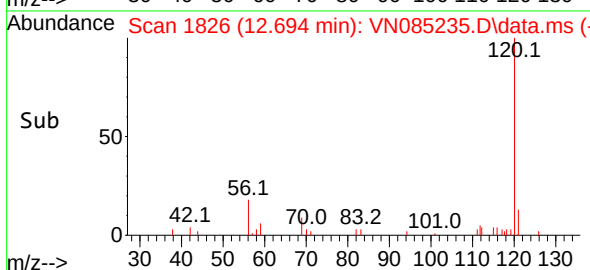
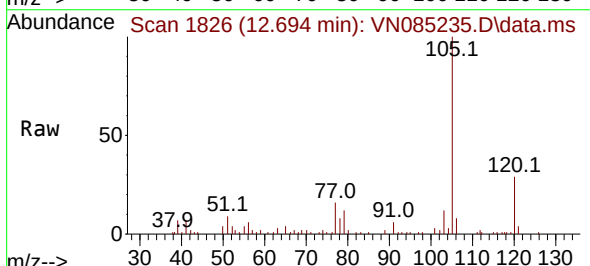


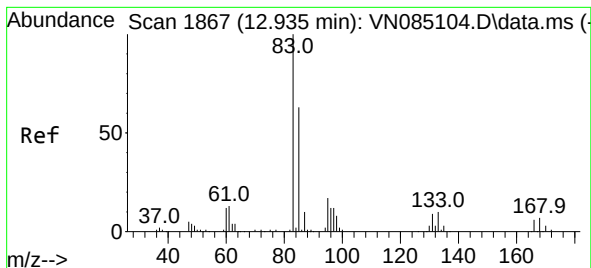
Tgt Ion:152 Resp: 107107
Ion Ratio Lower Upper
152 100
115 74.9 31.7 95.1
150 158.8 0.0 351.4



#73
Isopropylbenzene
Concen: 6.413 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion:105 Resp: 48455
Ion Ratio Lower Upper
105 100
120 25.3 13.0 39.0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.212 ug/l

RT: 12.935 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :

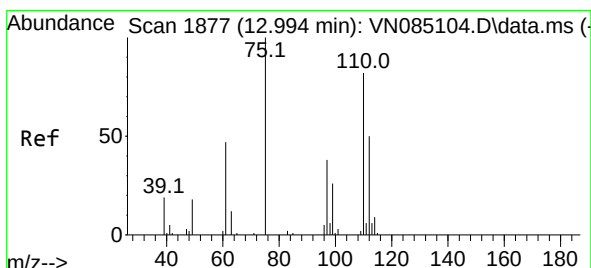
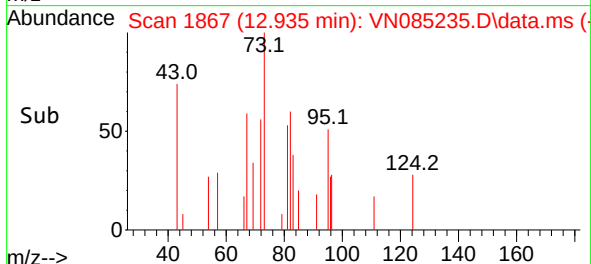
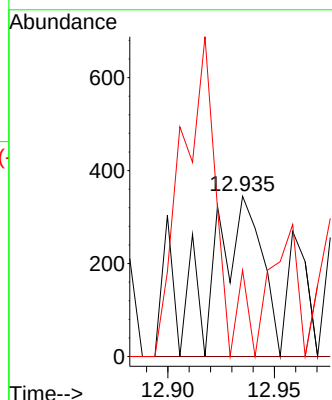
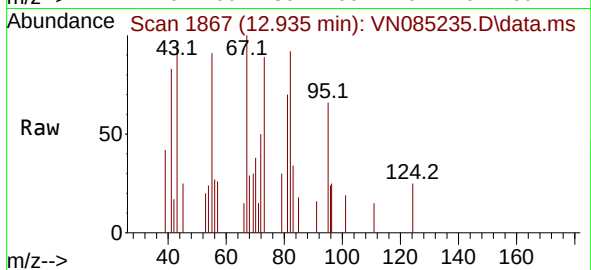
Tgt Ion: 83 Resp: 547

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 147.5 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 33.712 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085235.D

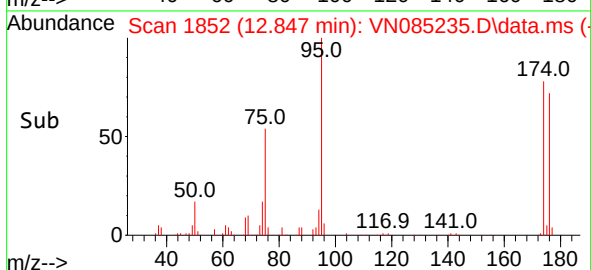
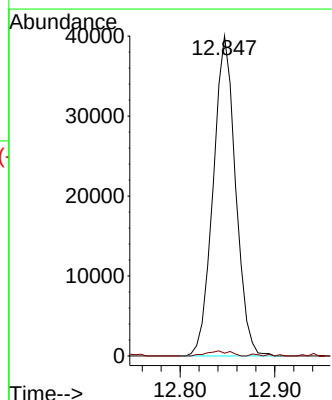
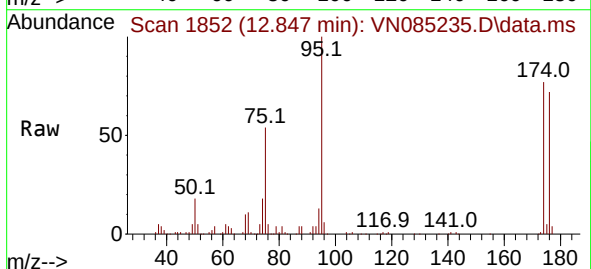
Acq: 17 Dec 2024 19:34

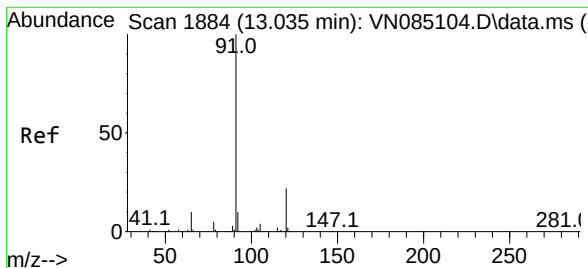
Tgt Ion: 75 Resp: 65677

Ion Ratio Lower Upper

75 100

77 1.6 109.1 327.4#





#78

n-propylbenzene

Concen: 8.939 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

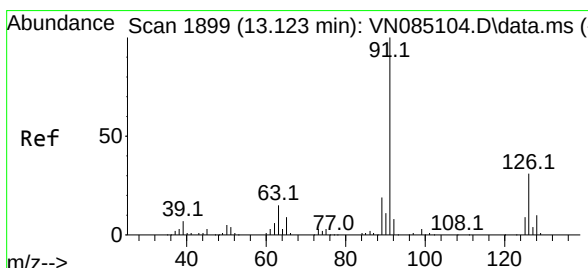
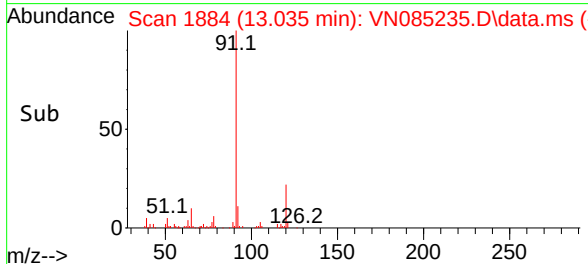
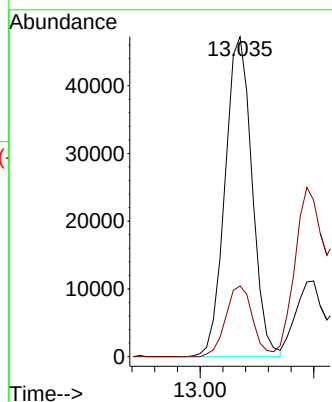
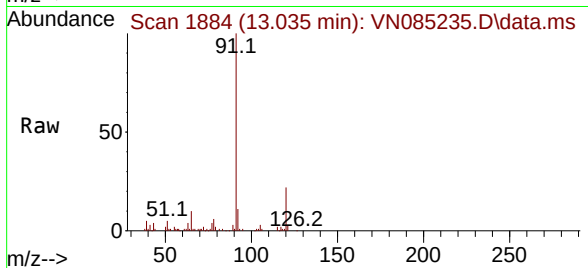
ClientSampleId :

Tgt Ion: 91 Resp: 77907

Ion Ratio Lower Upper

91 100

120 22.2 11.3 33.9



#79

2-Chlorotoluene

Concen: 2.660 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN085235.D

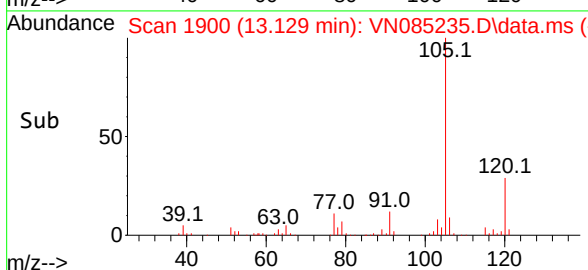
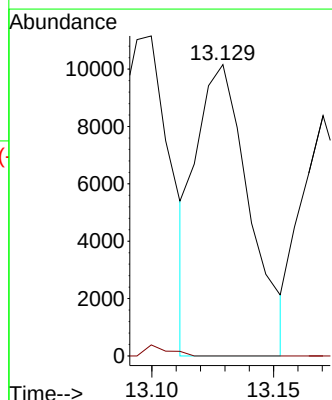
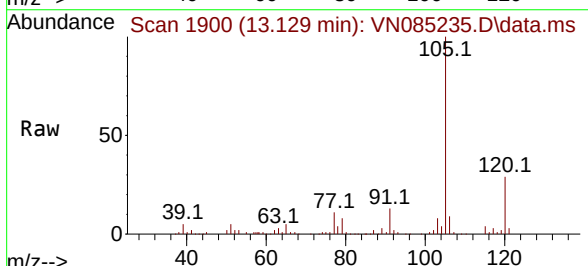
Acq: 17 Dec 2024 19:34

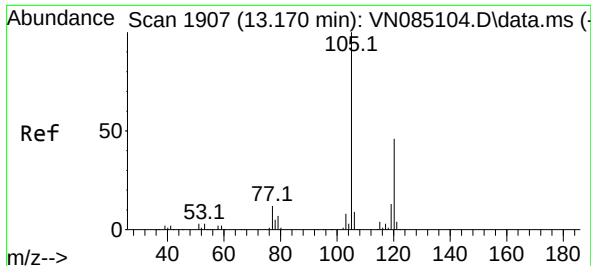
Tgt Ion: 91 Resp: 15477

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.3#

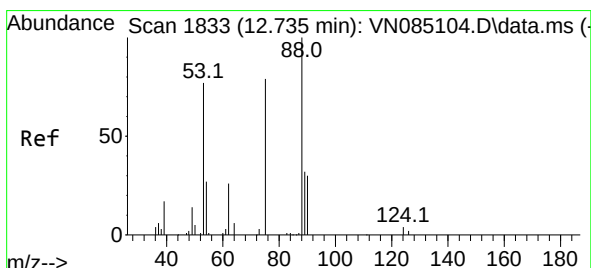
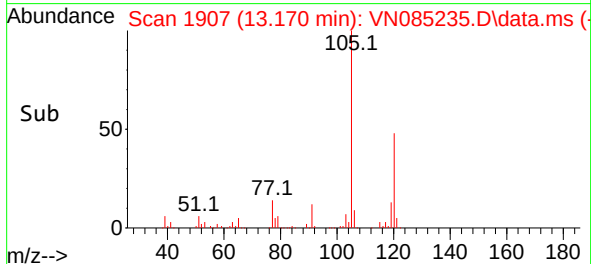
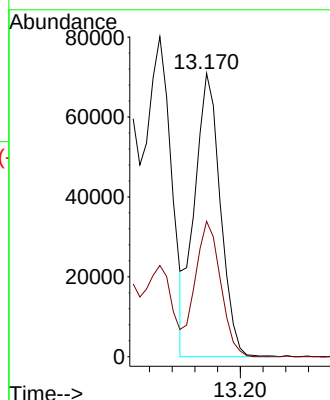
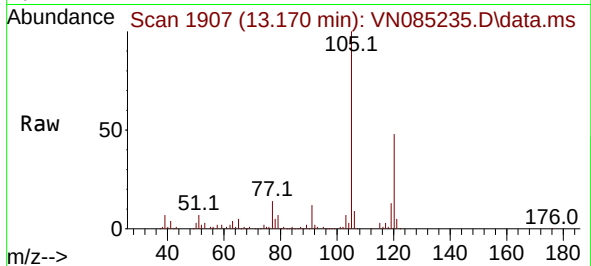




#80
 1,3,5-Trimethylbenzene
 Concen: 17.676 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN085235.D
 Acq: 17 Dec 2024 19:34

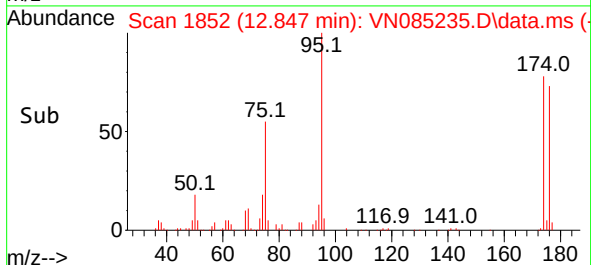
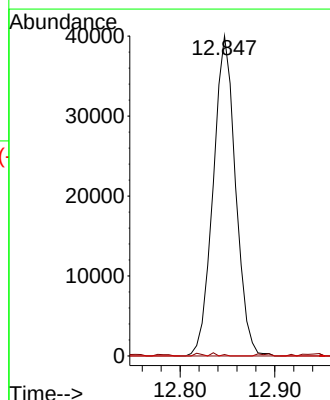
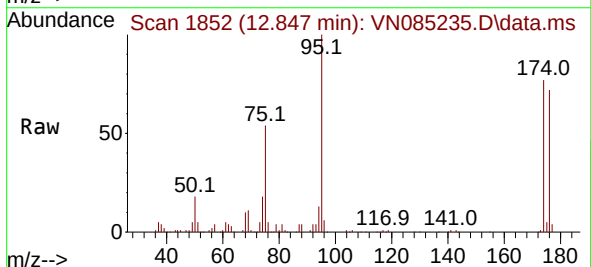
Instrument :
 MSVOA_N
 ClientSampleId :

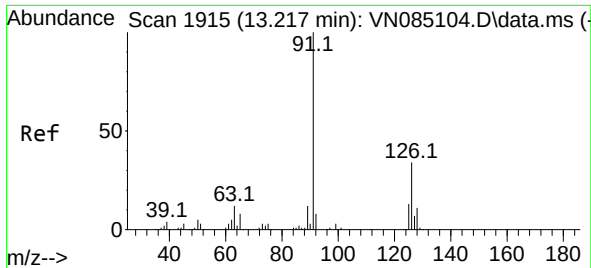
Tgt Ion:105 Resp: 112072
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 71.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.421 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085235.D
 Acq: 17 Dec 2024 19:34

Tgt Ion: 75 Resp: 65677
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.2 117.4#
 89 0.0 37.9 56.9#

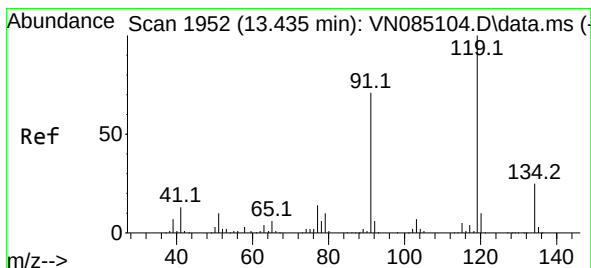
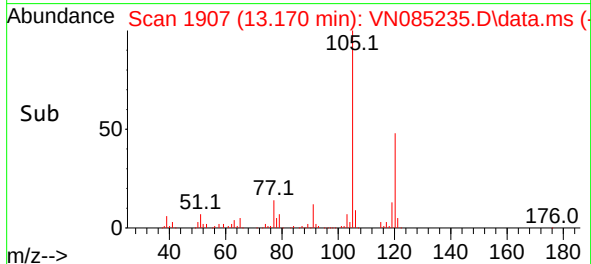
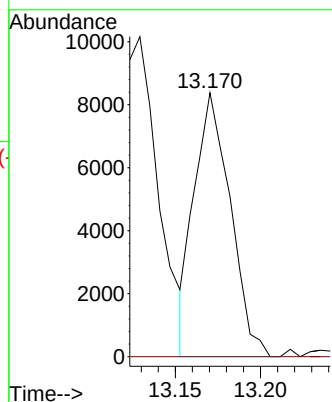
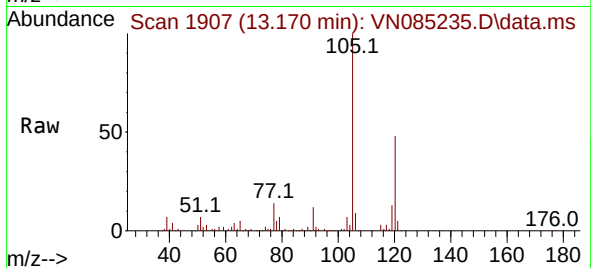




#82
4-Chlorotoluene
Concen: 2.037 ug/l
RT: 13.170 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

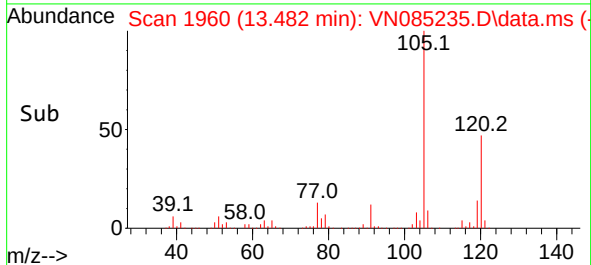
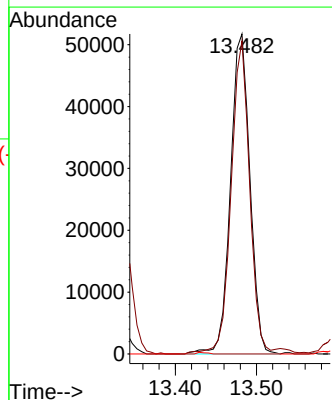
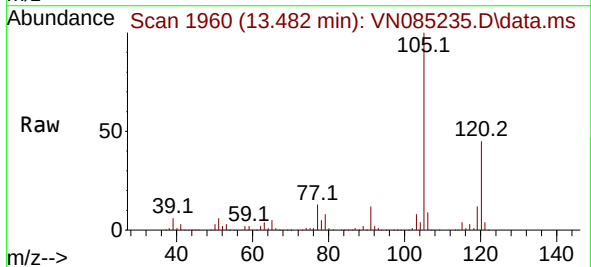
Instrument :
MSVOA_N
ClientSampleId :

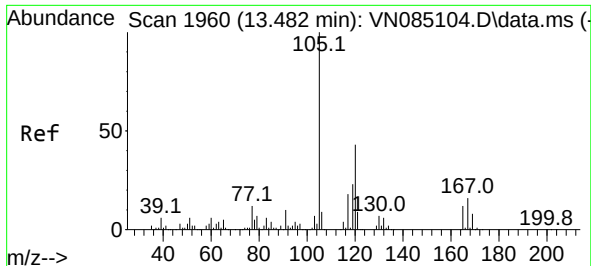
Tgt Ion: 91 Resp: 12338
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#



#83
tert-Butylbenzene
Concen: 15.754 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 119 Resp: 85946
Ion Ratio Lower Upper
119 100
91 93.3 35.1 105.5
134 0.0 12.1 36.3#

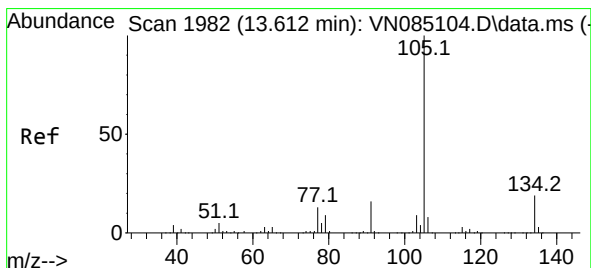
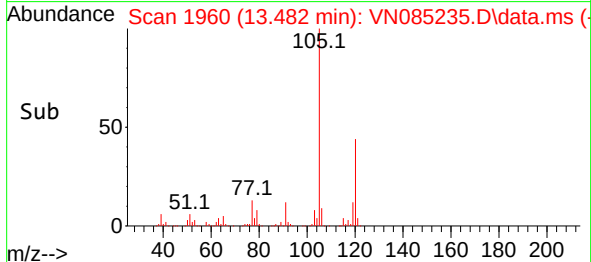
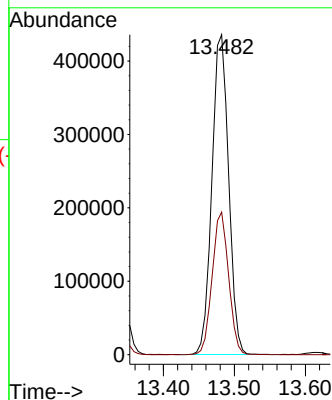
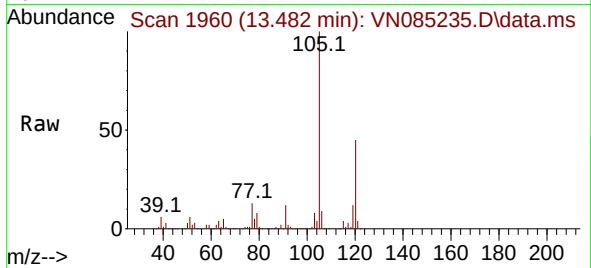




#84
1,2,4-Trimethylbenzene
Concen: 108.760 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

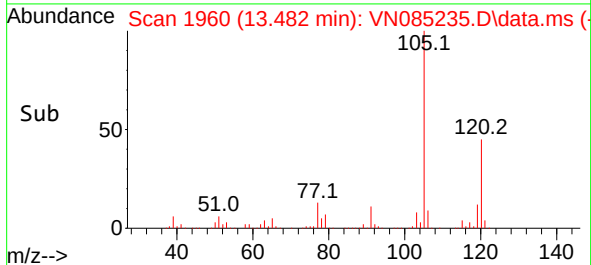
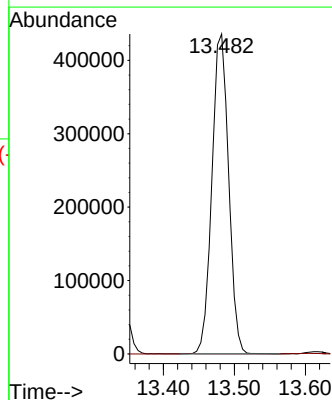
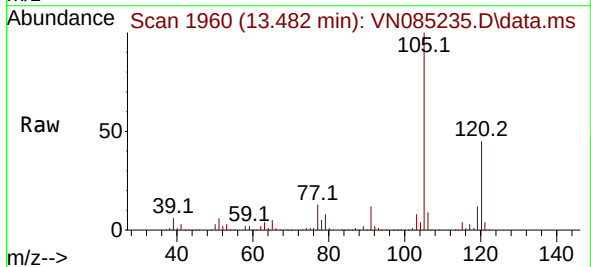
Instrument :
MSVOA_N
ClientSampleId :

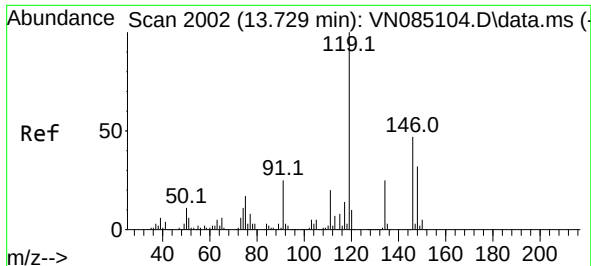
Tgt Ion:105 Resp: 709832
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.4



#85
sec-Butylbenzene
Concen: 96.320 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.130 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion:105 Resp: 709832
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

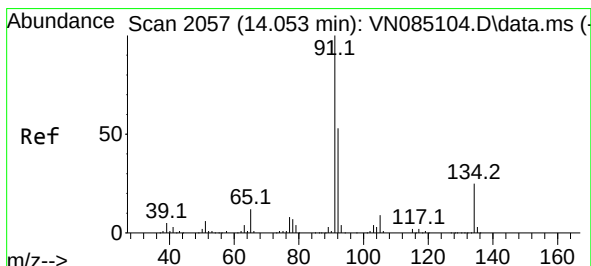
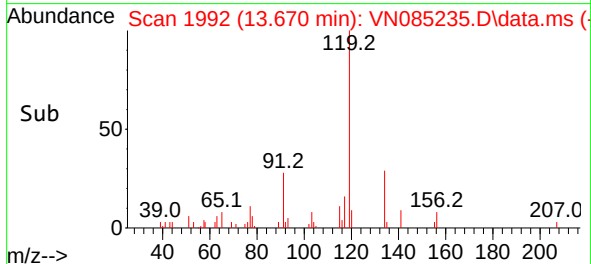
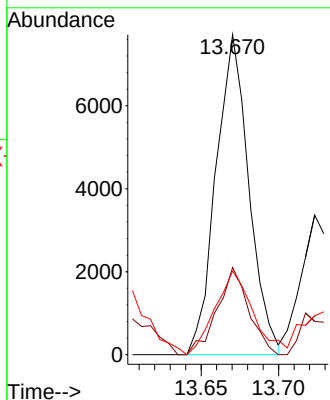
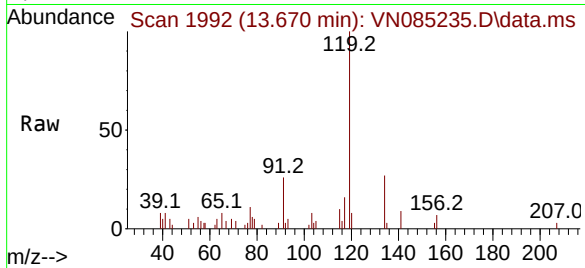




#86
p-Isopropyltoluene
Concen: 1.873 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. -0.053 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

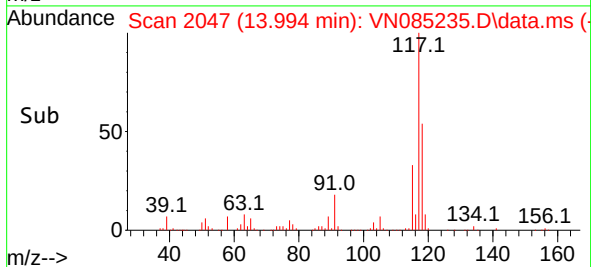
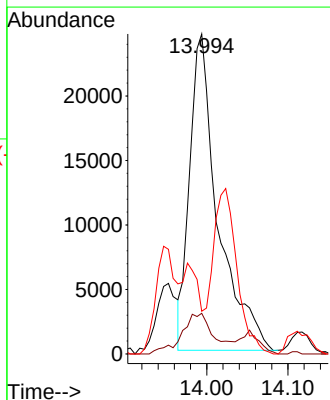
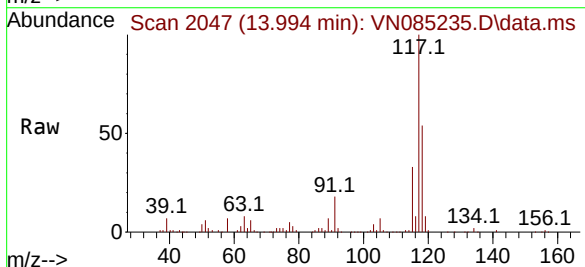
Instrument :
MSVOA_N
ClientSampleId :

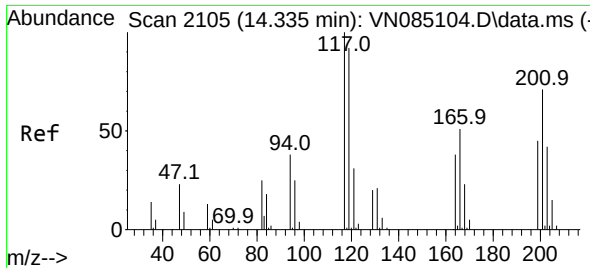
Tgt Ion:119 Resp: 11395
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 30.2 12.8 38.4



#89
n-Butylbenzene
Concen: 10.498 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 91 Resp: 59392
Ion Ratio Lower Upper
91 100
92 14.4 26.8 80.3#
134 0.0 12.8 38.4#

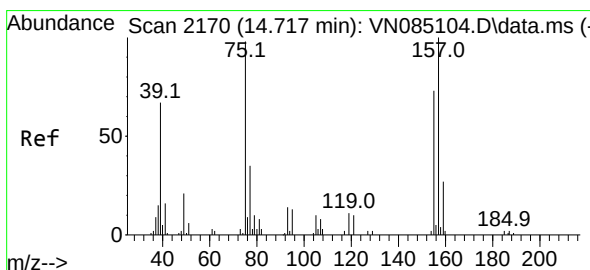
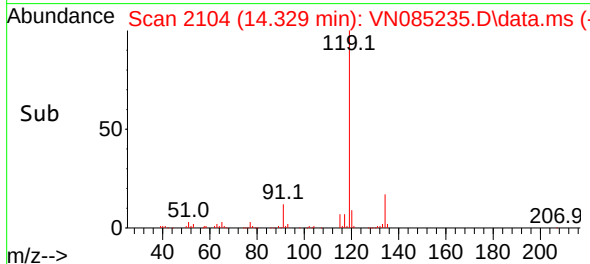
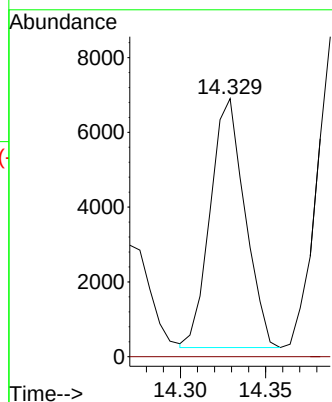
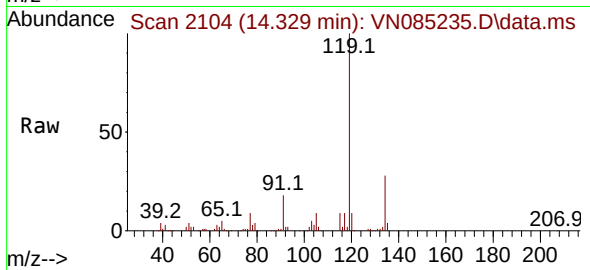




#90
Hexachloroethane
Concen: 7.107 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

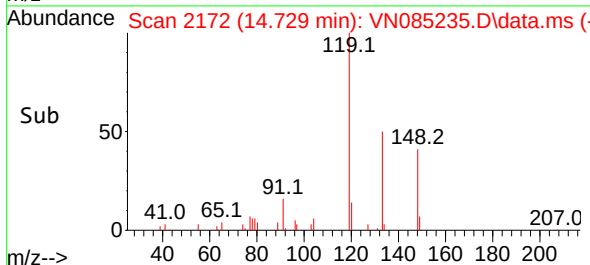
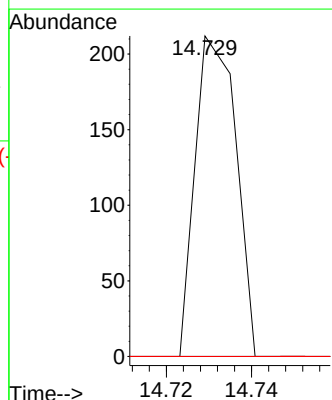
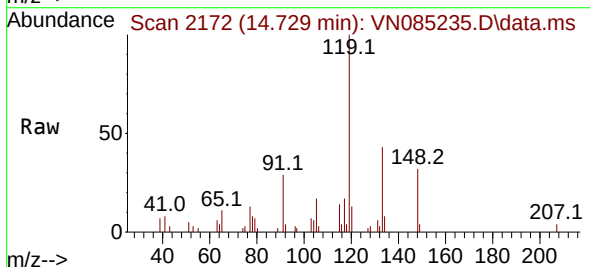
Instrument :
MSVOA_N
ClientSampleId :

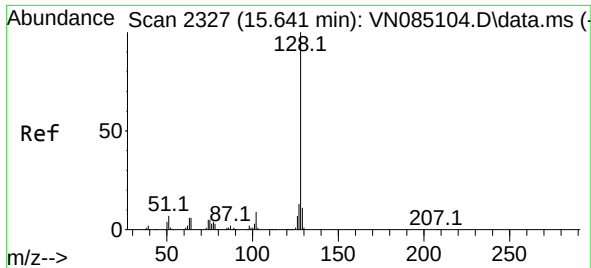
Tgt Ion:117 Resp: 9424
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.283 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.012 min
Lab File: VN085235.D
Acq: 17 Dec 2024 19:34

Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
155 0.0 38.9 116.7#
157 0.0 48.3 144.9#





#95

Naphthalene

Concen: 33.102 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

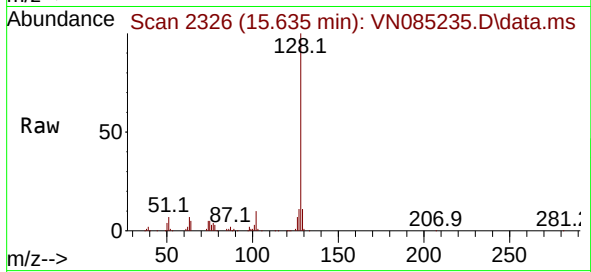
Lab File: VN085235.D

Acq: 17 Dec 2024 19:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 196847

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 12.8

