

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085036.D
 Acq On : 26 Nov 2024 11:21
 Operator : JC\MD
 Sample : VN1126MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 27 05:09:59 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	8.218	168	148590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113818	53.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	8.159	113	90992	50.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	10.565	98	302793	47.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.847	95	106149	44.243	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.480%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	607	0.311	ug/l #	40
5) Bromomethane	2.901	94	715	0.728	ug/l #	62
6) Chloroethane	3.036	64	328	0.278	ug/l #	44
11) Tert butyl alcohol	5.489	59	1515	5.356	ug/l #	75
13) Acrolein	4.171	56	78	0.413	ug/l #	16
16) Acetone	4.436	43	207	0.336	ug/l #	43
17) Carbon Disulfide	4.700	76	3261	0.701	ug/l #	77
18) Methyl Acetate	5.024	43	913	Below Cal	#	62
21) trans-1,2-Dichloroethene	5.771	96	649	0.391	ug/l #	84
23) Vinyl Acetate	6.594	43	845	0.229	ug/l #	71
25) 2-Butanone	7.477	43	358	0.355	ug/l #	48
31) Cyclohexane	8.224	56	3377	1.198	ug/l #	1
38) Carbon Tetrachloride	8.224	117	16939	6.052	ug/l #	16
43) Isopropyl Acetate	8.671	43	1647	0.360	ug/l #	55
44) Trichloroethene	9.347	130	660	0.370	ug/l	73
51) 4-Methyl-2-Pentanone	10.441	43	505	0.241	ug/l #	35
52) Toluene	10.624	92	935	0.206	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	1589	0.570	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	815	0.275	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.159	63	1593	1.314	ug/l	91
59) 2-Hexanone	11.200	43	1145	0.732	ug/l	83
61) 1,2-Dibromoethane	11.465	107	386	0.221	ug/l	83
64) Tetrachloroethene	11.100	164	421	0.278	ug/l #	83
65) Chlorobenzene	11.888	112	3208	0.629	ug/l	98
67) Ethyl Benzene	11.965	91	2437	0.294	ug/l #	88
68) m/p-Xylenes	12.071	106	2256	0.716	ug/l	92
69) o-Xylene	12.394	106	623	0.208	ug/l	88
70) Styrene	12.406	104	2627	0.527	ug/l	92
71) Bromoform	12.582	173	505	0.379	ug/l #	29
73) Isopropylbenzene	12.682	105	2043	0.318	ug/l	89
74) N-amyl acetate	12.488	43	974	0.368	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.935	83	680	0.310	ug/l #	93
76) 1,2,3-Trichloropropane	12.970	75	1849	1.117	ug/l	86
77) Bromobenzene	12.988	156	1875	1.085	ug/l	87
78) n-propylbenzene	13.029	91	5408	0.730	ug/l	98
79) 2-Chlorotoluene	13.129	91	3099	0.627	ug/l	96

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

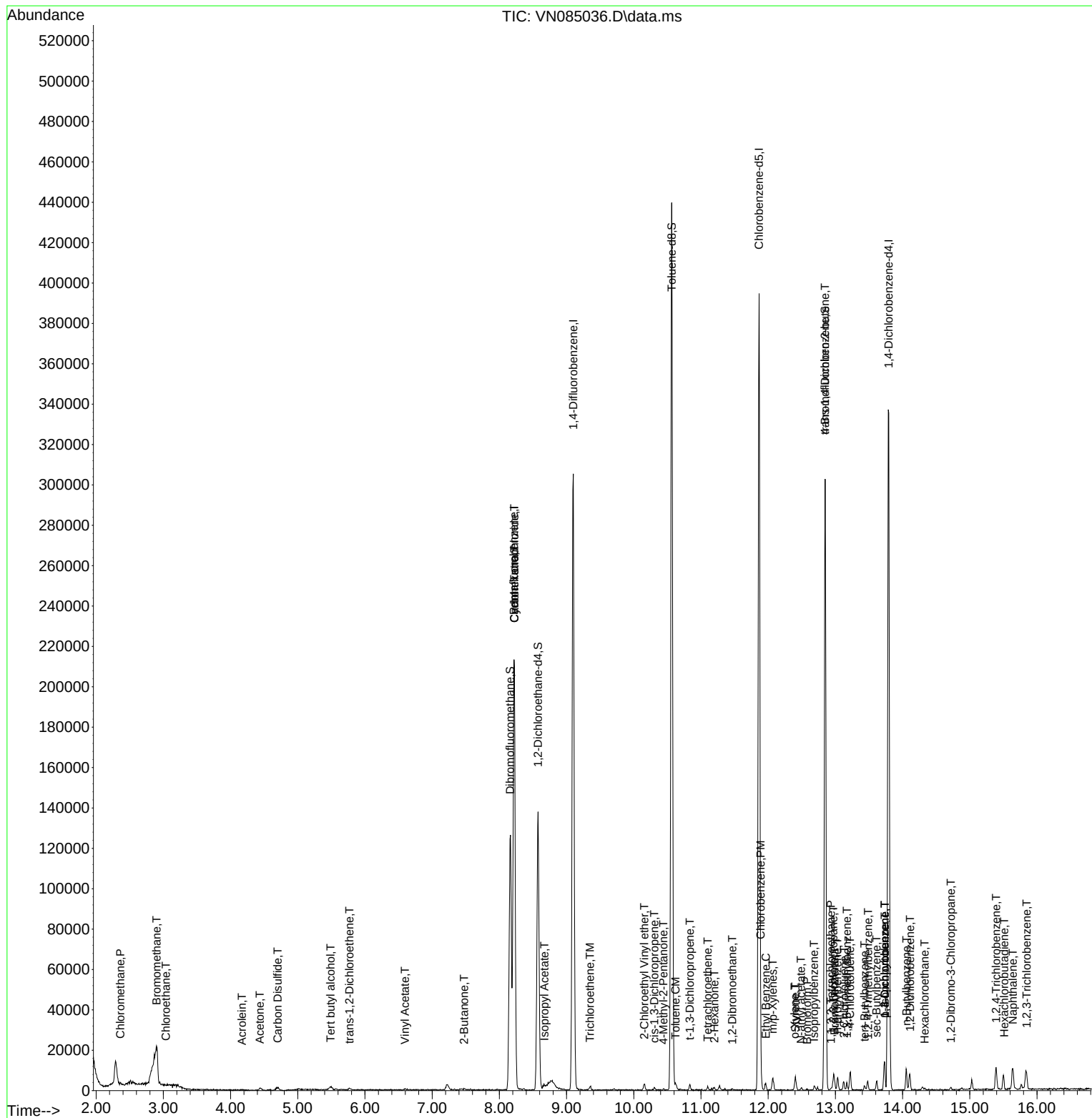
80) 1,3,5-Trimethylbenzene	13.170	105	1931	0.358	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.847	75	54701	72.956	ug/l #	10
82) 4-Chlorotoluene	13.218	91	6074	1.180	ug/l	93
83) tert-Butylbenzene	13.435	119	1454	0.314	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	2434	0.439	ug/l	95
85) sec-Butylbenzene	13.612	105	3230	0.516	ug/l	98
86) p-Isopropyltoluene	13.735	119	3195	0.618	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	5024	1.474	ug/l	90
88) 1,4-Dichlorobenzene	13.735	146	5024	1.445	ug/l	93
89) n-Butylbenzene	14.059	91	5571	1.159	ug/l	95
90) Hexachloroethane	14.329	117	264	0.234	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3510	1.075	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.717	75	449	1.059	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.394	180	4355	2.455	ug/l	95
94) Hexachlorobutadiene	15.512	225	1392	1.700	ug/l	88
95) Naphthalene	15.641	128	11834	2.342	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	4429	2.617	ug/l	97

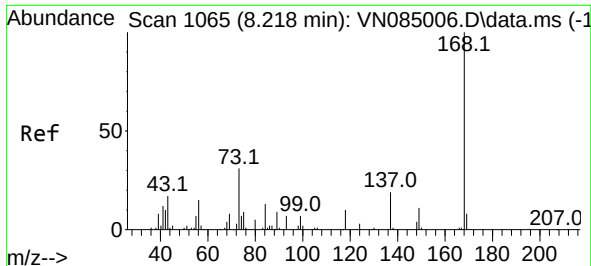
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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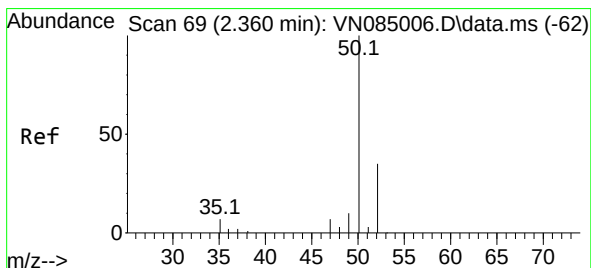
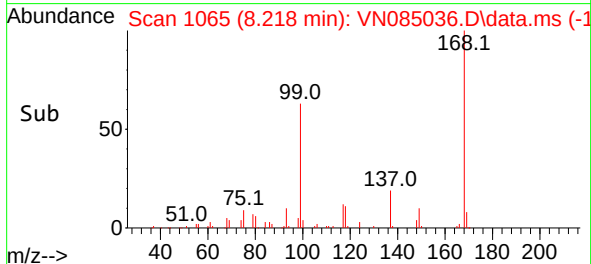
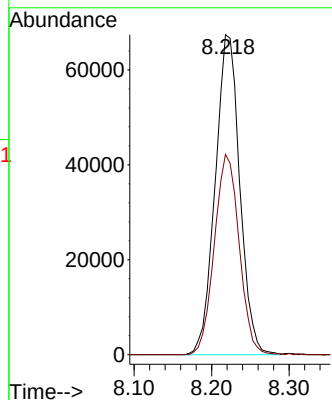
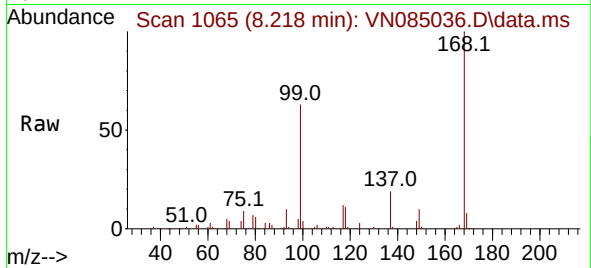




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

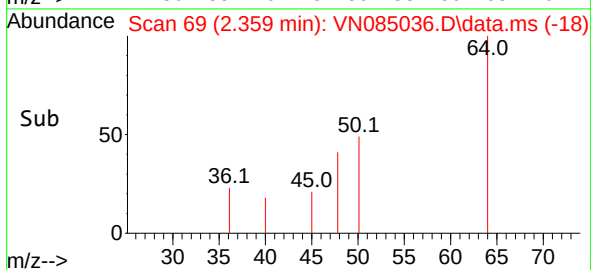
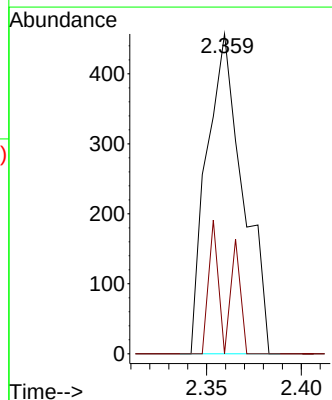
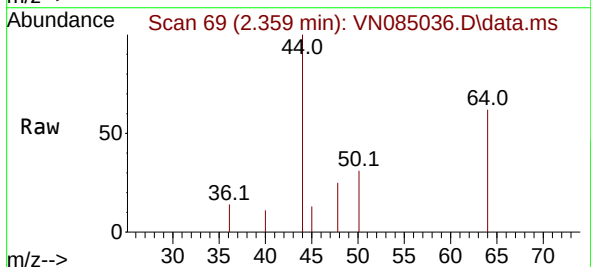
Instrument :
MSVOA_N
ClientSampleId :

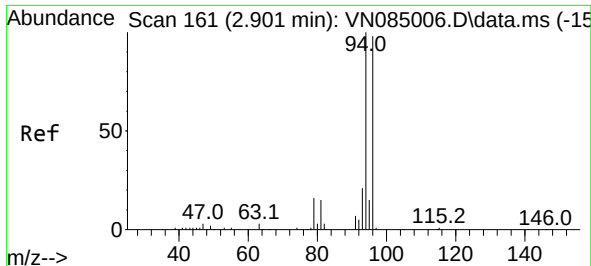
Tgt Ion:168 Resp: 148590
Ion Ratio Lower Upper
168 100
99 62.6 51.2 76.8



#3
Chloromethane
Concen: 0.311 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

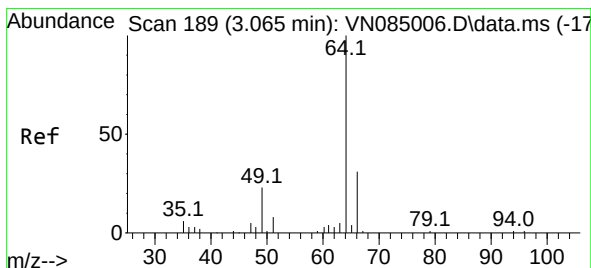
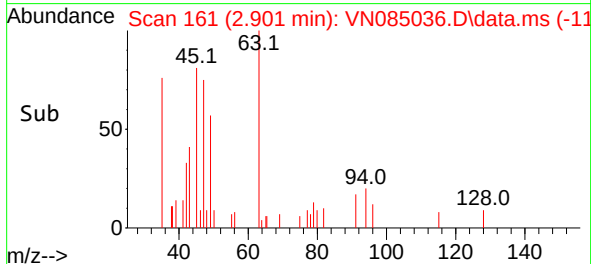
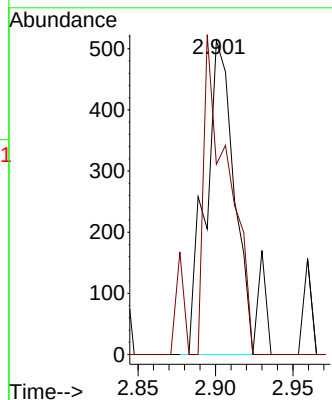
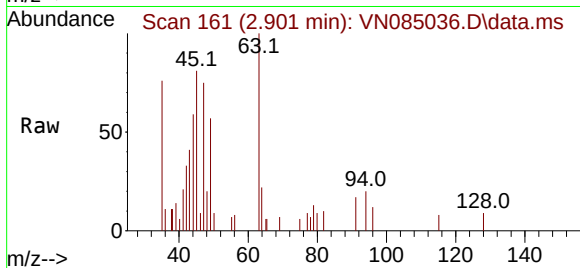




#5
Bromomethane
Concen: 0.728 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

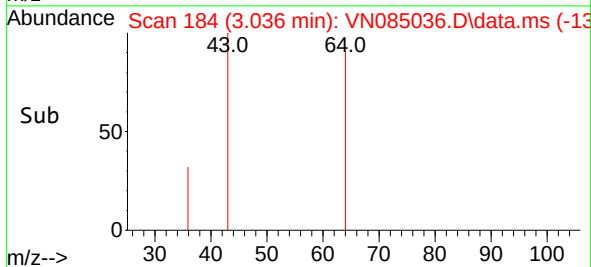
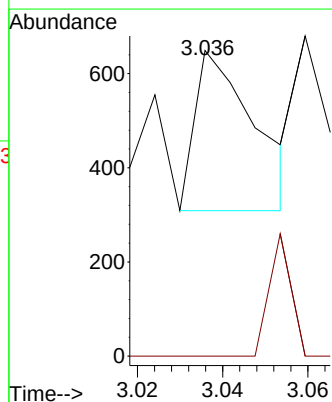
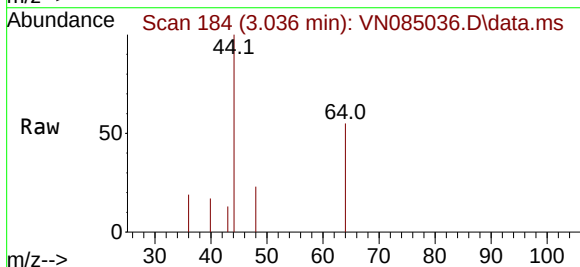
Instrument :
MSVOA_N
ClientSampleId :

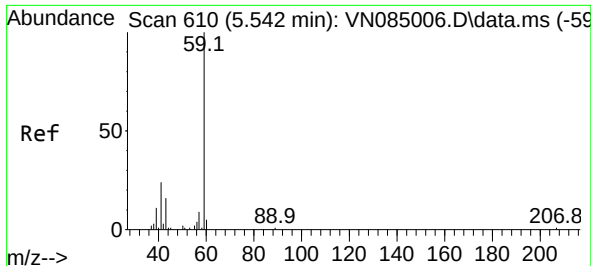
Tgt Ion: 94 Resp: 715
Ion Ratio Lower Upper
94 100
96 60.6 78.7 118.1#



#6
Chloroethane
Concen: 0.278 ug/l
RT: 3.036 min Scan# 184
Delta R.T. -0.030 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

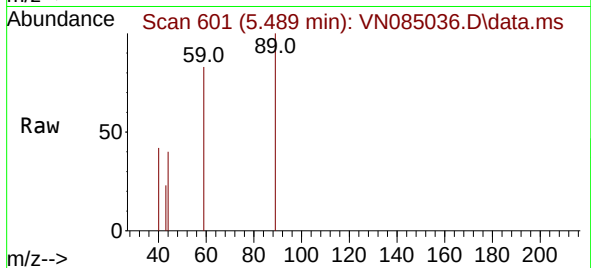
Tgt Ion: 64 Resp: 328
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



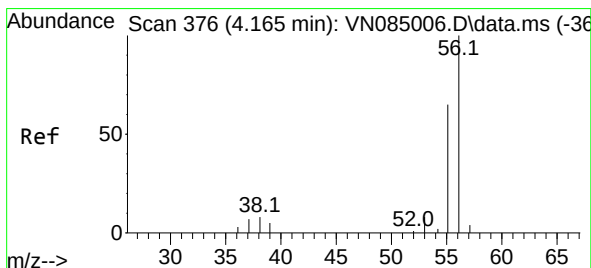
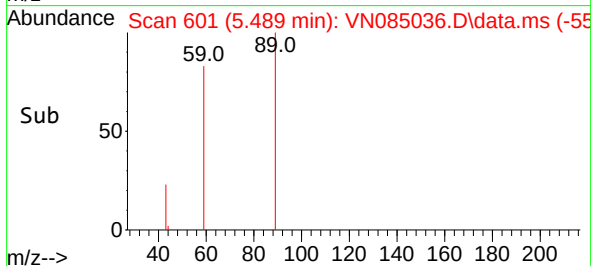
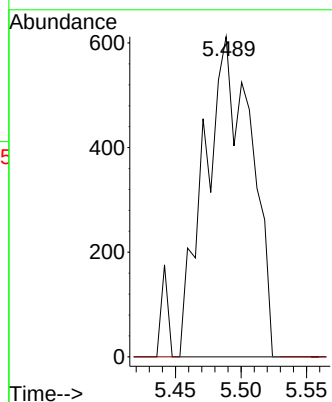


#11
Tert butyl alcohol
Concen: 5.356 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.053 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

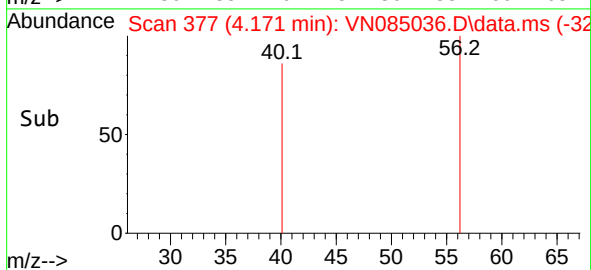
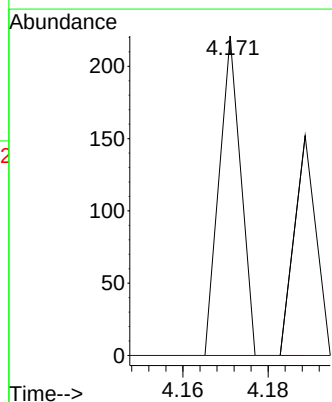
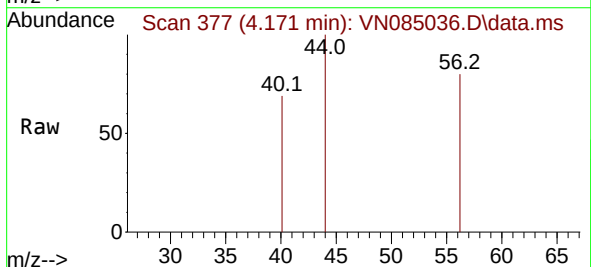


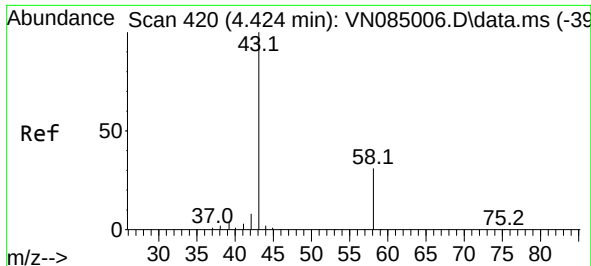
Tgt Ion: 59 Resp: 1515
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#13
Acrolein
Concen: 0.413 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

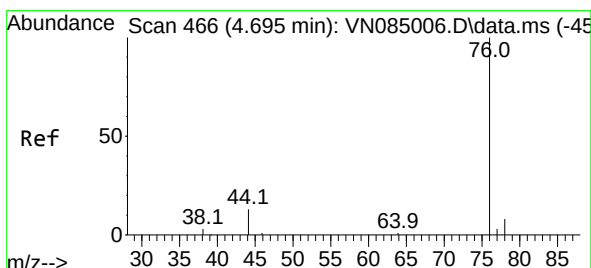
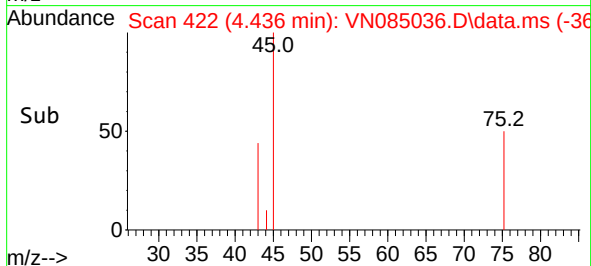
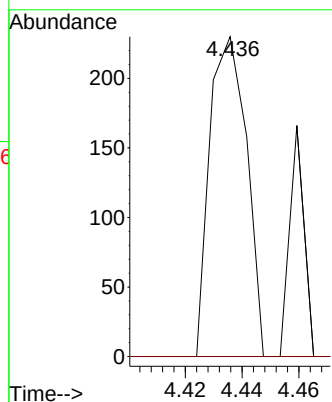
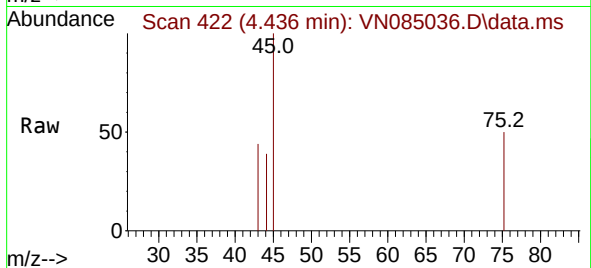




#16
Acetone
Concen: 0.336 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

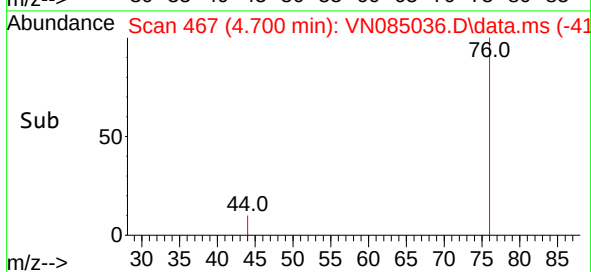
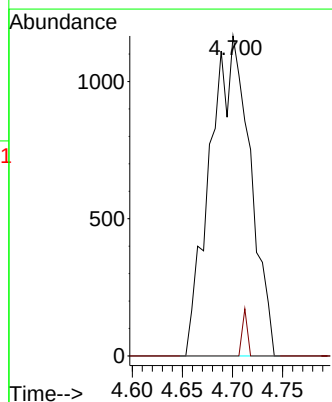
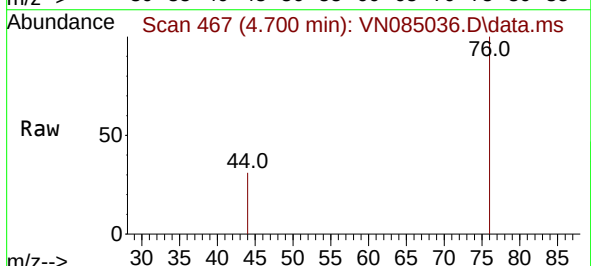
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ClientSampleId :

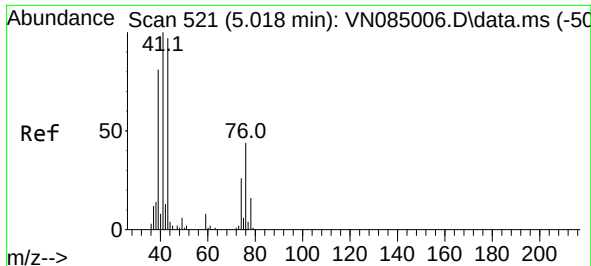
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#17
Carbon Disulfide
Concen: 0.701 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 76 Resp: 3261
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#

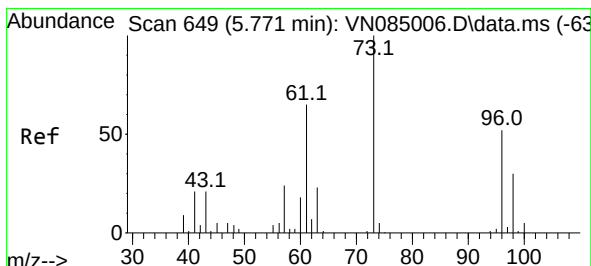
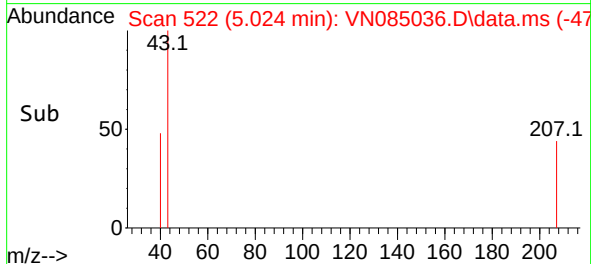
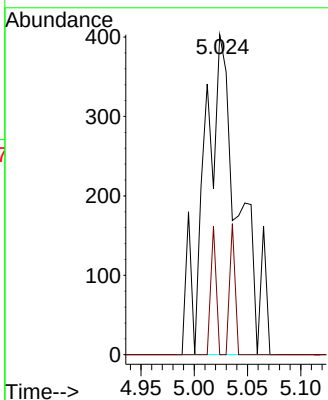
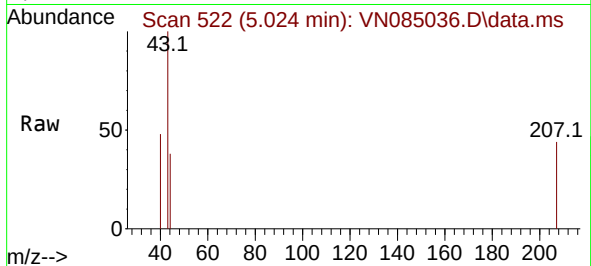




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

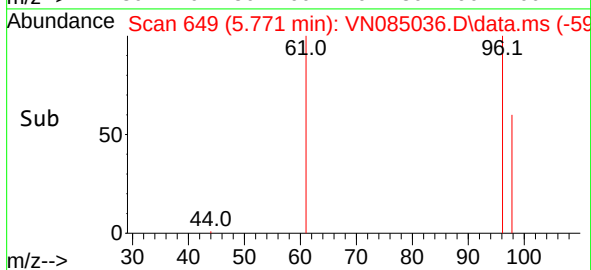
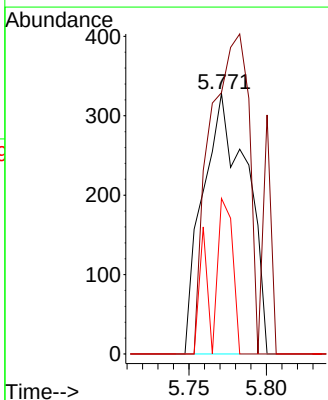
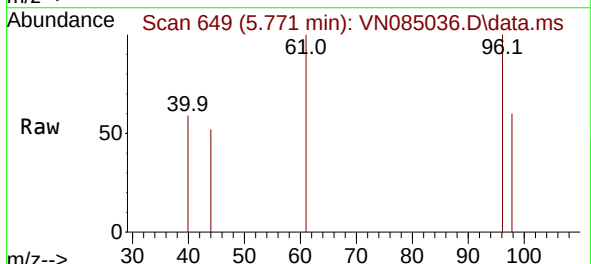
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MSVOA_N
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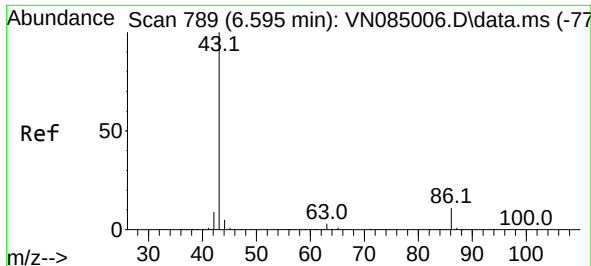
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
74 6.2 20.1 30.1#



#21
trans-1,2-Dichloroethene
Concen: 0.391 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 96 Resp: 649
Ion Ratio Lower Upper
96 100
61 100.3 100.7 151.1#
98 59.8 45.8 68.6

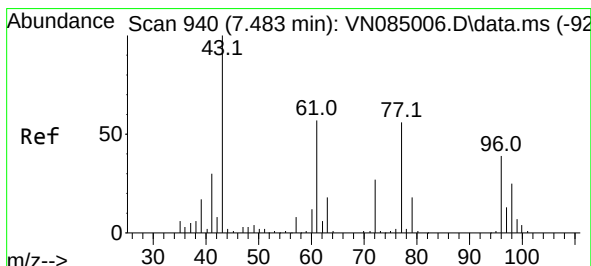
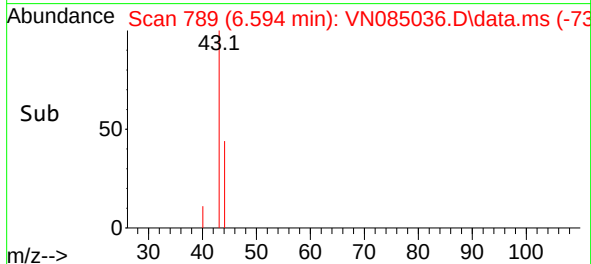
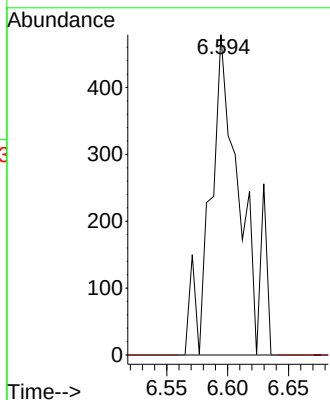
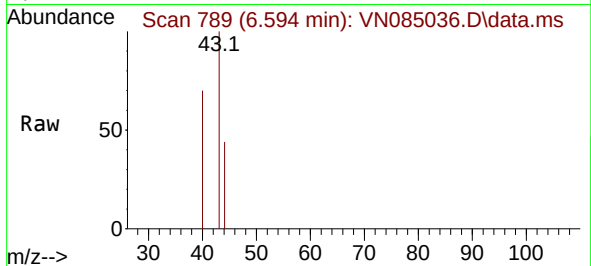




#23
 Vinyl Acetate
 Concen: 0.229 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN085036.D
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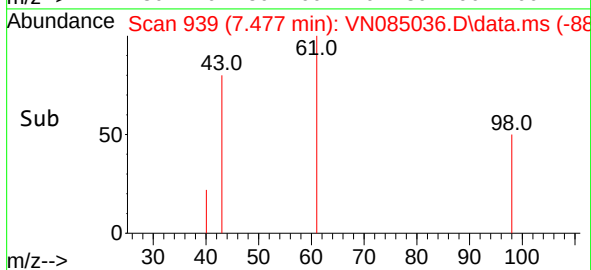
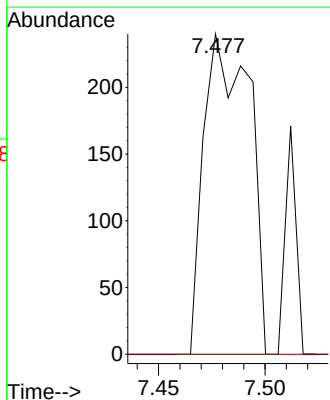
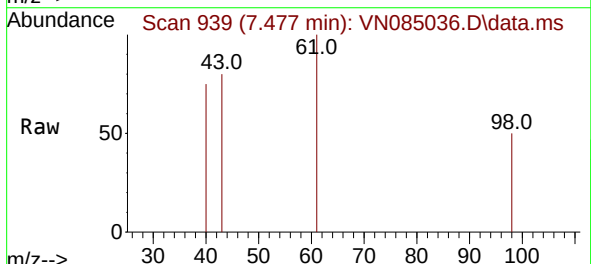
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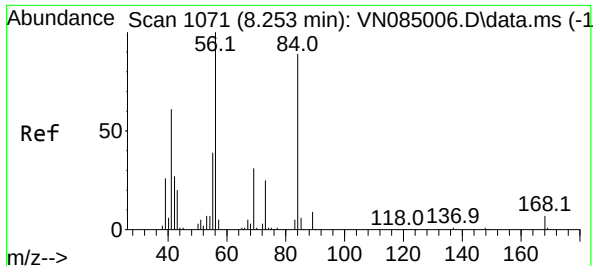
Tgt Ion: 43 Resp: 845
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 0.355 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.006 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

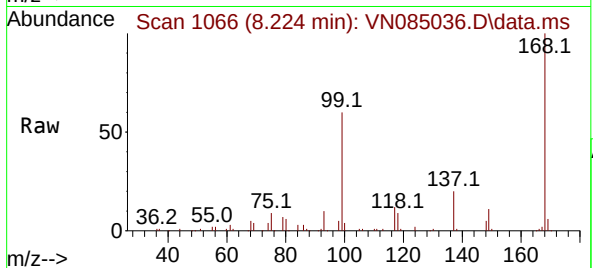
Tgt Ion: 43 Resp: 358
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.4 32.0#



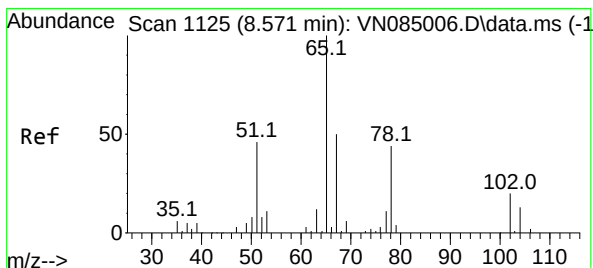
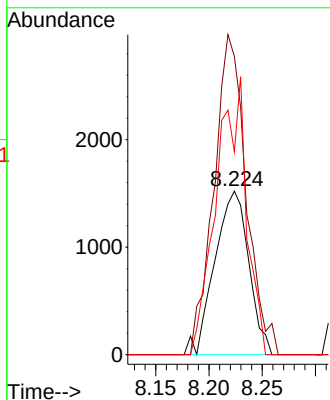
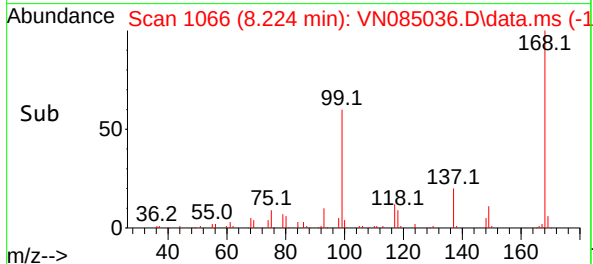


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

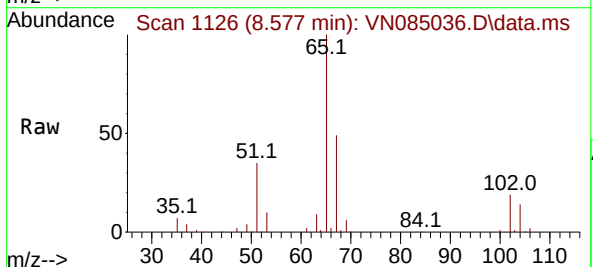
Instrument :
MSVOA_N
ClientSampleId :



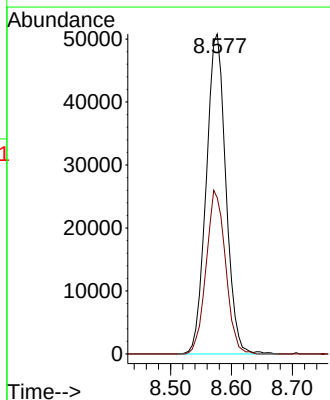
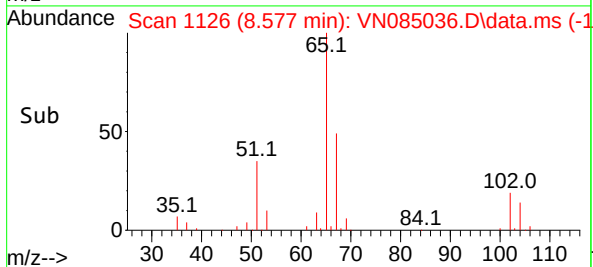
Tgt Ion: 56 Resp: 3377
Ion Ratio Lower Upper
56 100
69 182.4 24.6 36.8#
84 124.1 71.4 107.2#

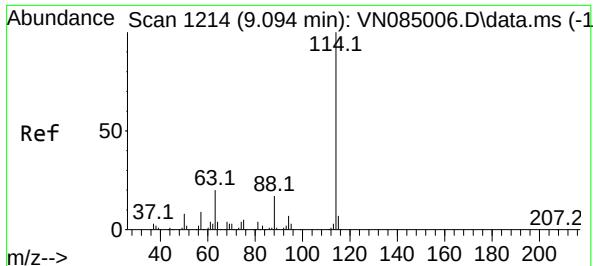


#33
1,2-Dichloroethane-d4
Concen: 53.775 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21



Tgt Ion: 65 Resp: 113818
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

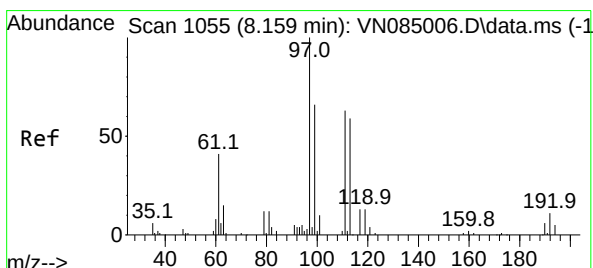
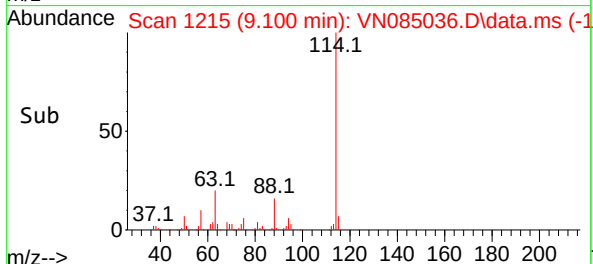
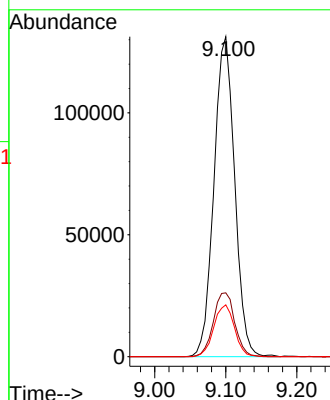
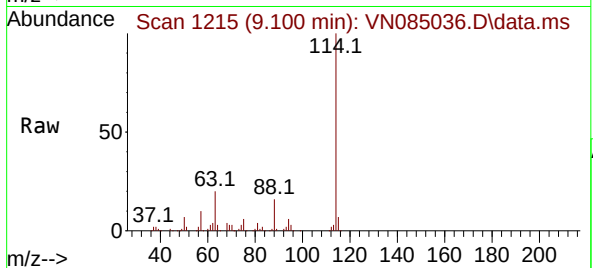
Tgt Ion:114 Resp: 265463

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.828 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

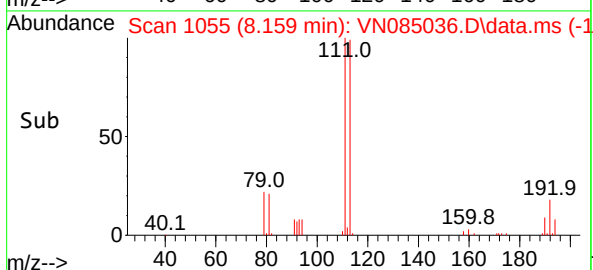
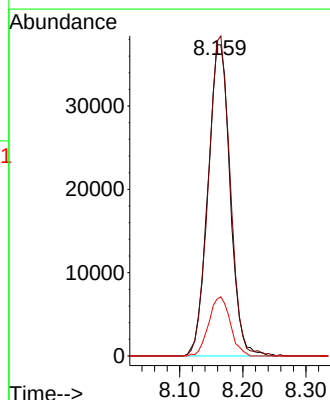
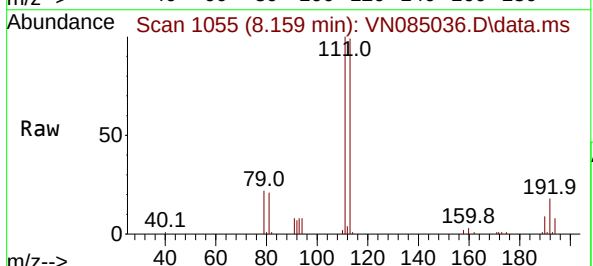
Tgt Ion:113 Resp: 90992

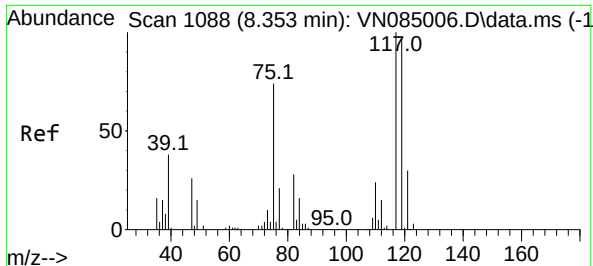
Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

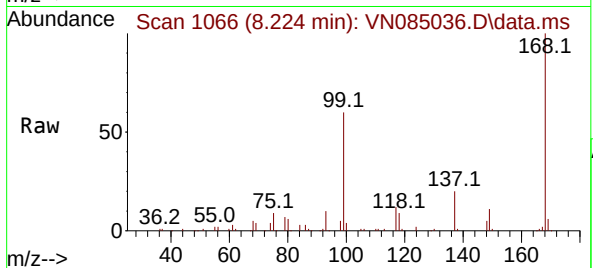
192 18.4 14.8 22.2



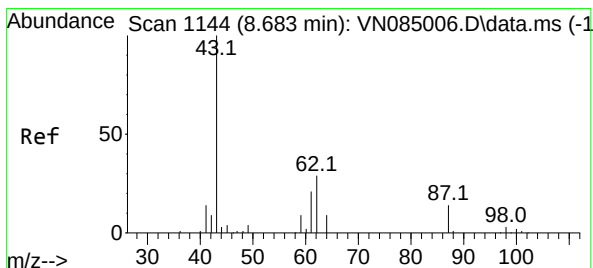
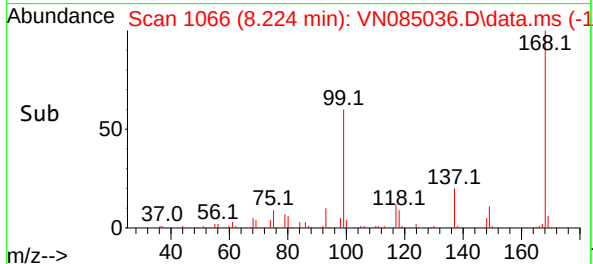
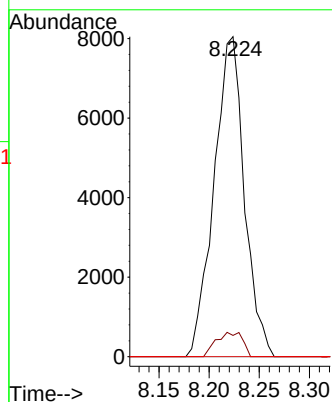


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

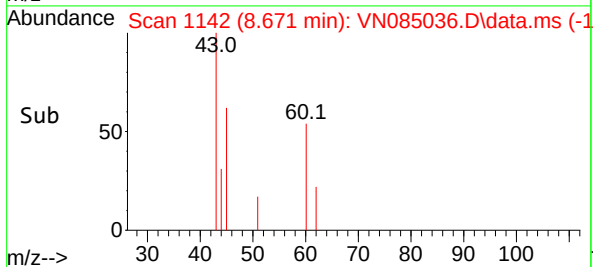
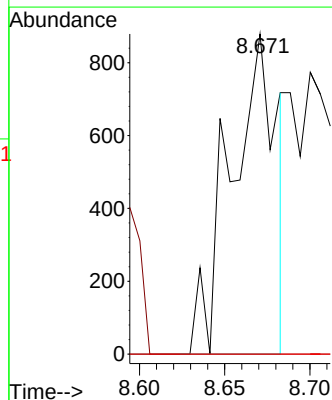
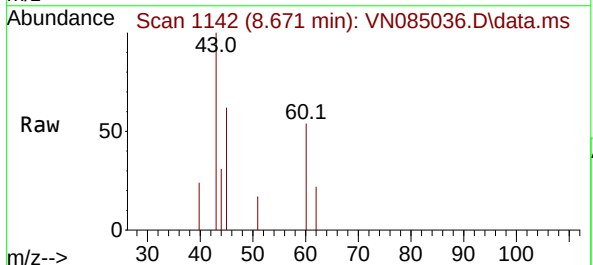


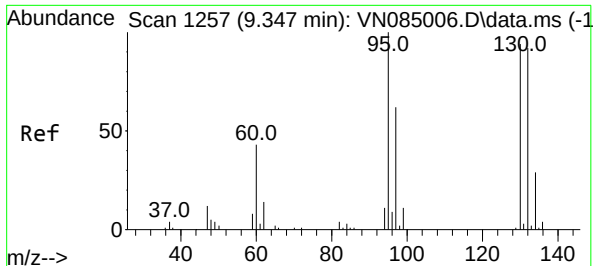
Tgt Ion:117 Resp: 16939
Ion Ratio Lower Upper
117 100
119 6.6 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.360 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

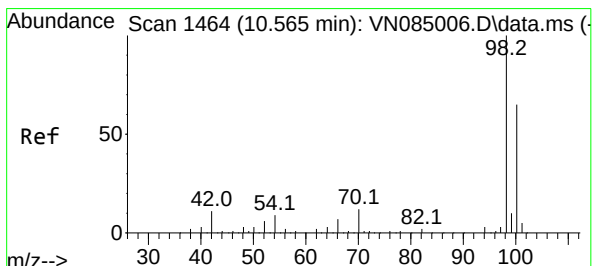
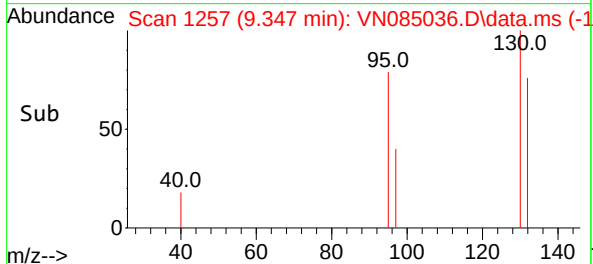
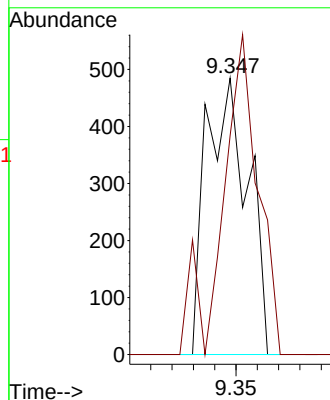
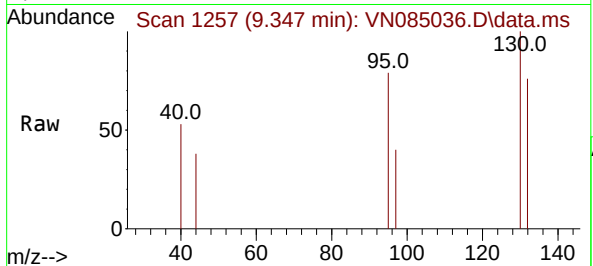




#44
Trichloroethene
Concen: 0.370 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

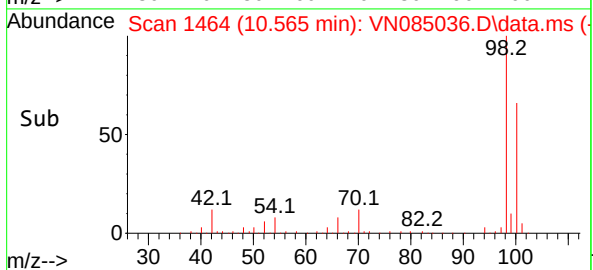
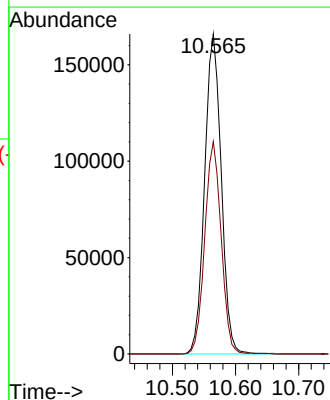
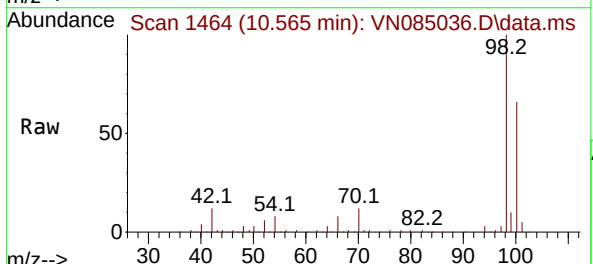
Instrument :
MSVOA_N
ClientSampleId :

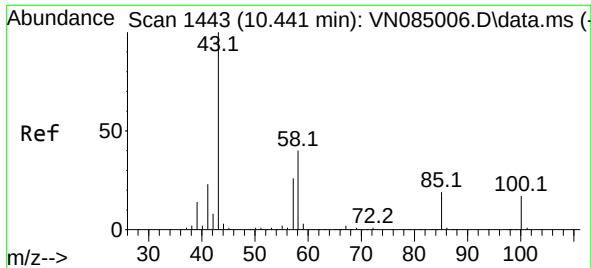
Tgt Ion:130 Resp: 660
Ion Ratio Lower Upper
130 100
95 79.2 0.0 213.4



#50
Toluene-d8
Concen: 47.196 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 98 Resp: 302793
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

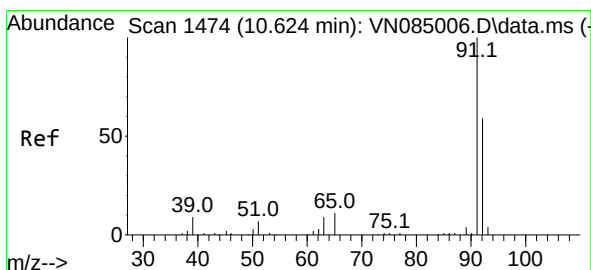
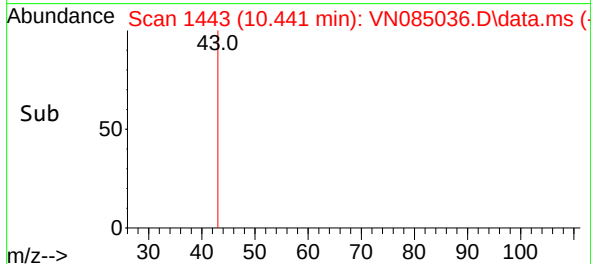
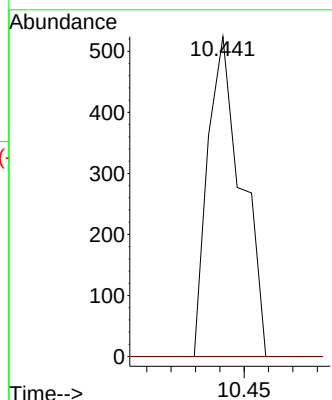
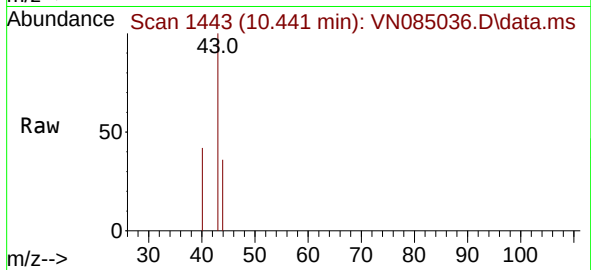




#51
4-Methyl-2-Pentanone
Concen: 0.241 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

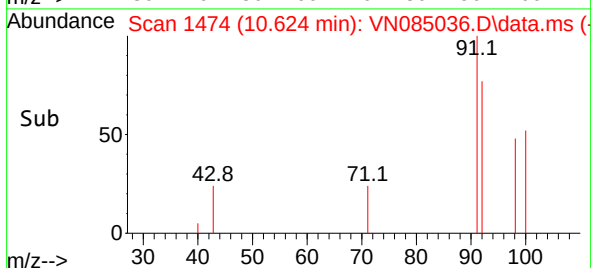
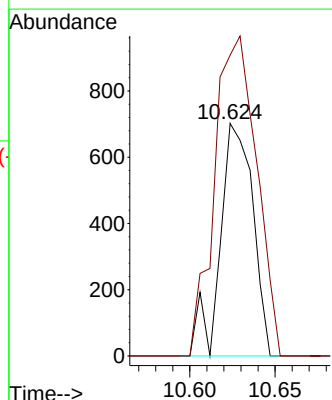
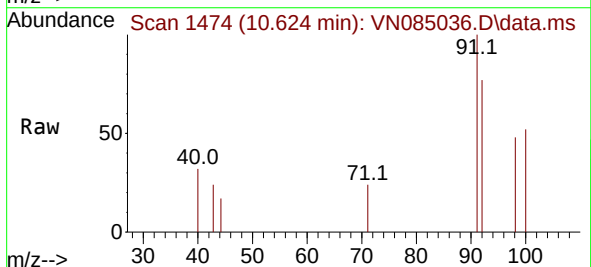
Instrument :
MSVOA_N
ClientSampleId :

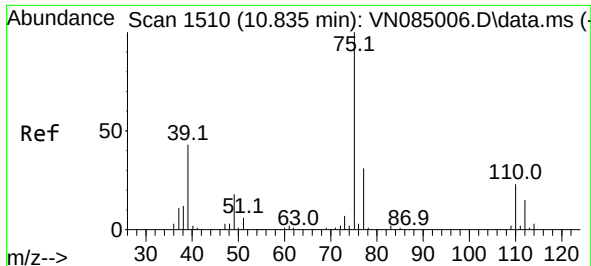
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
58 0.0 32.1 48.1#



#52
Toluene
Concen: 0.206 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 92 Resp: 935
Ion Ratio Lower Upper
92 100
91 177.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 0.570 ug/l

RT: 10.835 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

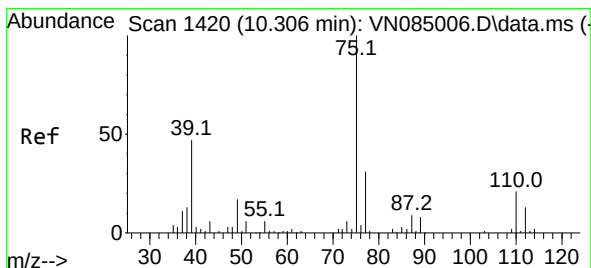
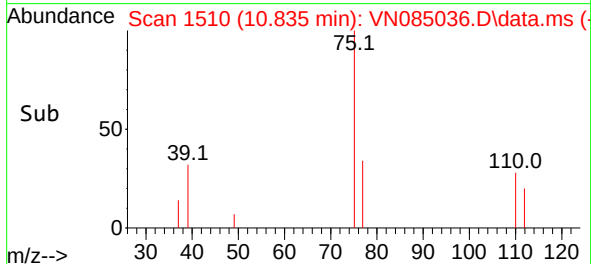
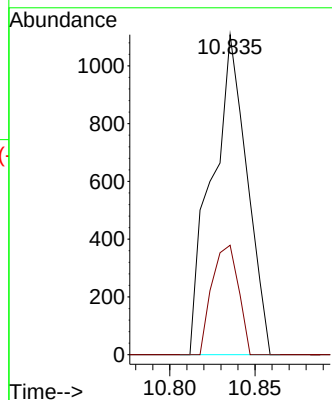
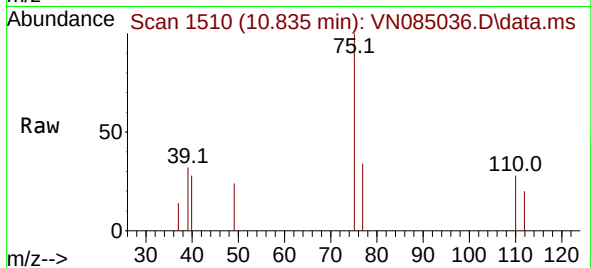
ClientSampleId :

Tgt Ion: 75 Resp: 1589

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 0.275 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

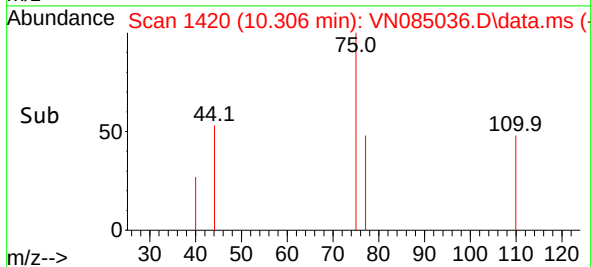
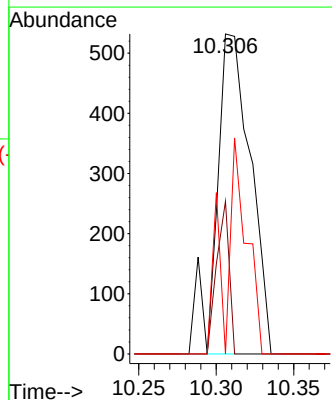
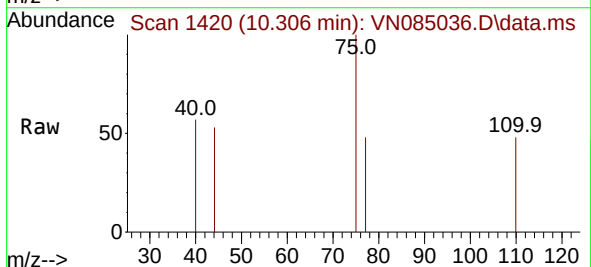
Tgt Ion: 75 Resp: 815

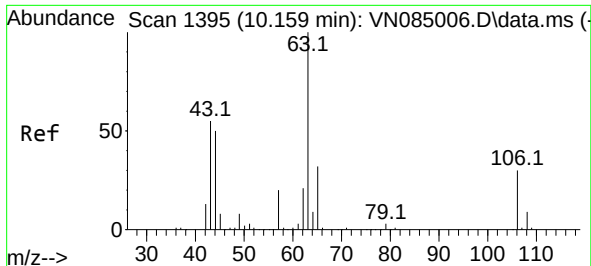
Ion Ratio Lower Upper

75 100

77 47.7 25.0 37.4#

39 0.0 37.6 56.4#

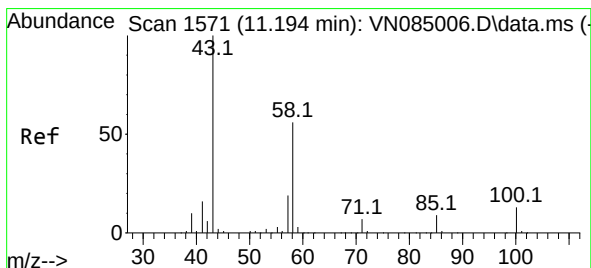
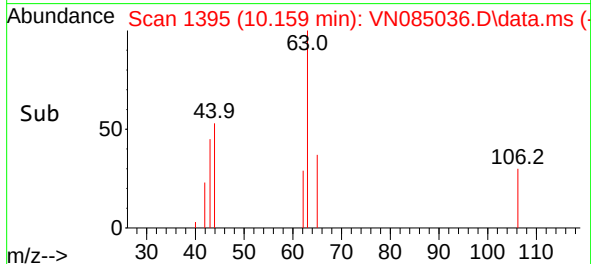
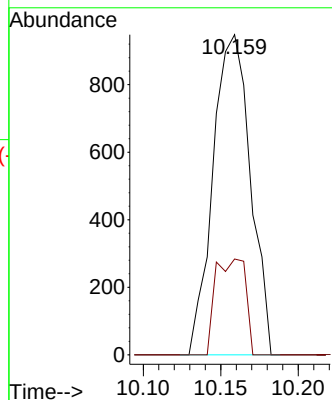
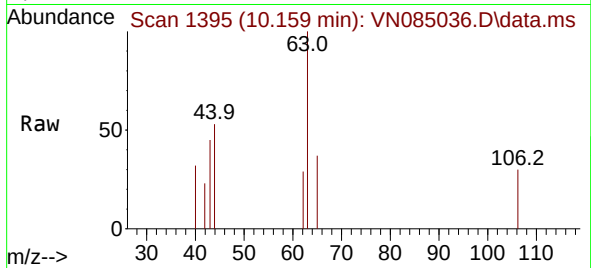




#58
2-Chloroethyl Vinyl ether
Concen: 1.314 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

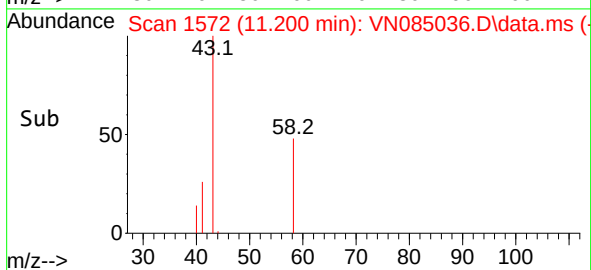
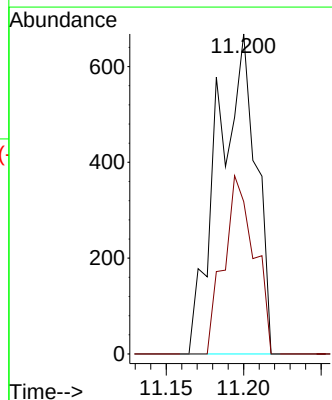
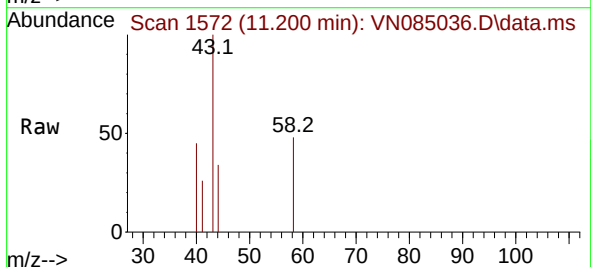
Instrument :
MSVOA_N
ClientSampleId :

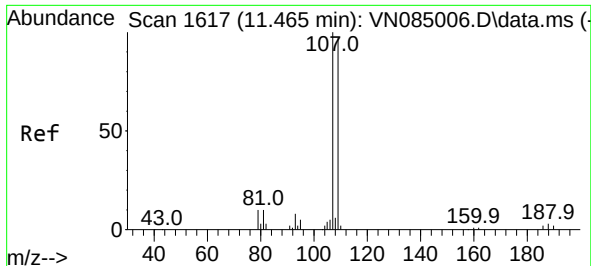
Tgt Ion: 63 Resp: 1593
Ion Ratio Lower Upper
63 100
106 24.0 23.0 34.6



#59
2-Hexanone
Concen: 0.732 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 44.5 28.3 85.0

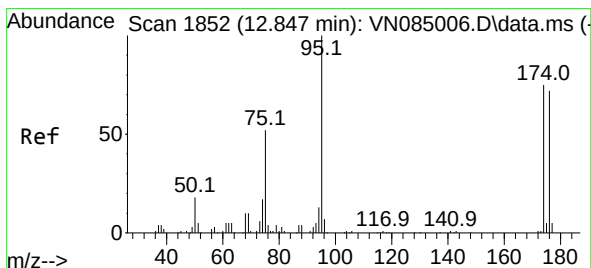
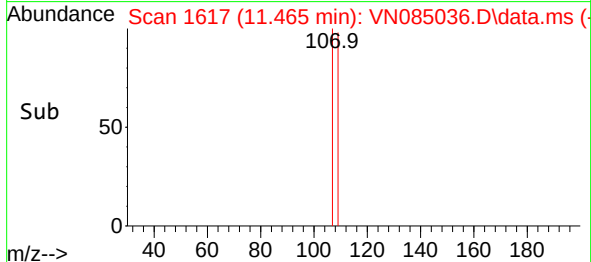
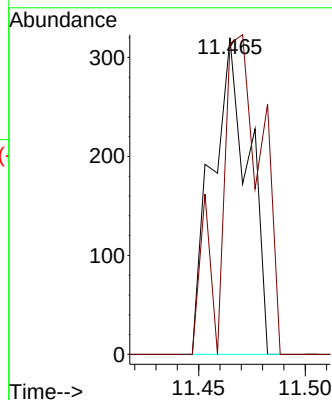
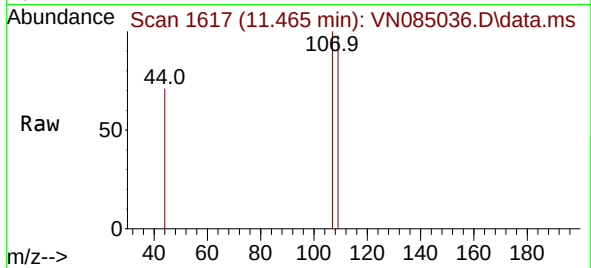




#61
1,2-Dibromoethane
Concen: 0.221 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

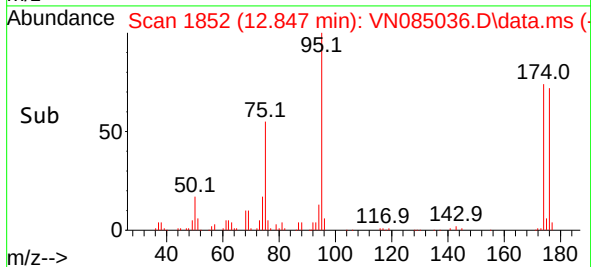
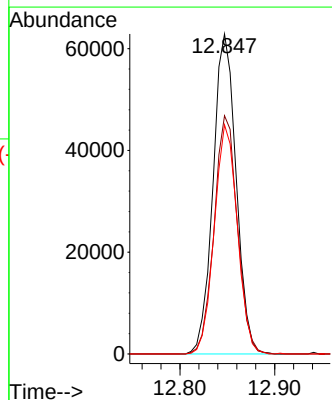
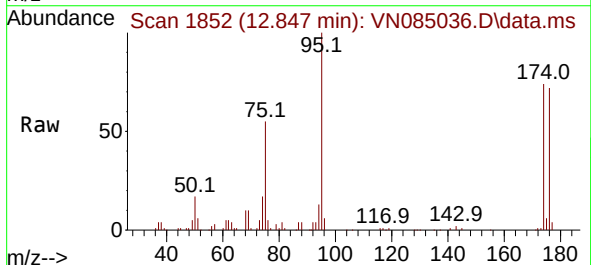
Instrument :
MSVOA_N
ClientSampleId :

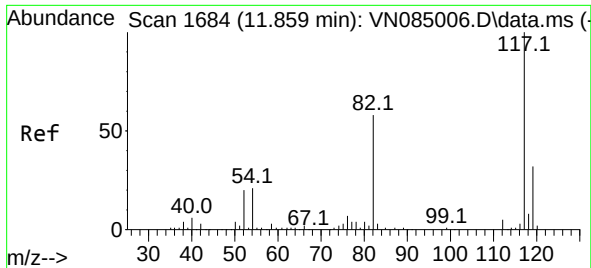
Tgt Ion:107 Resp: 386
Ion Ratio Lower Upper
107 100
109 111.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 44.243 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 95 Resp: 106149
Ion Ratio Lower Upper
95 100
174 75.2 0.0 146.6
176 71.7 0.0 141.8

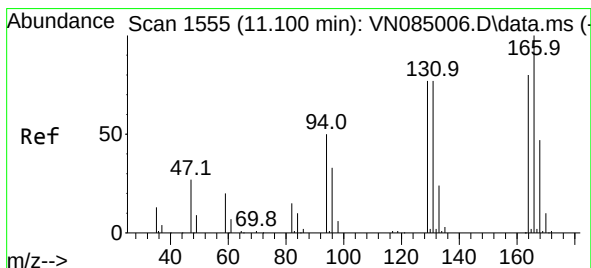
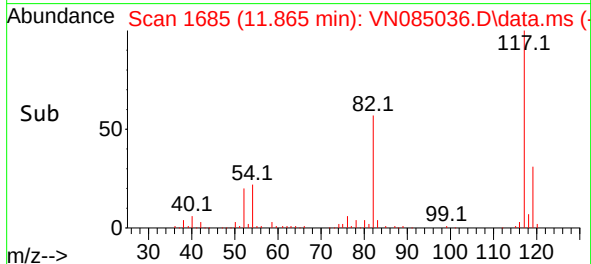
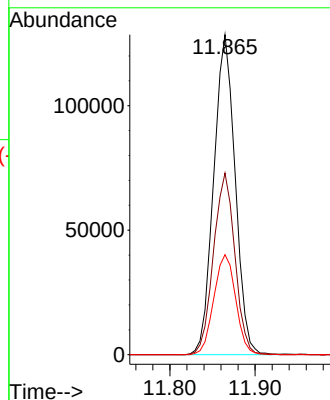
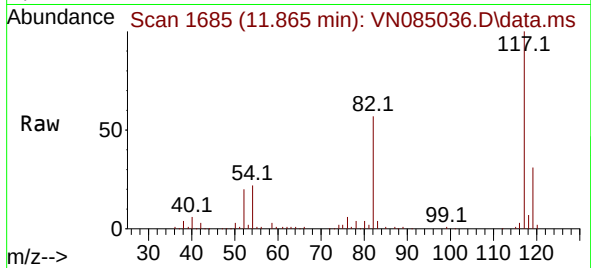




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

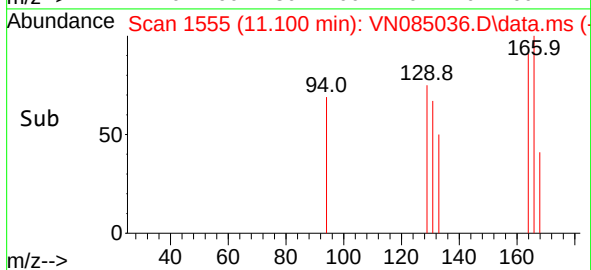
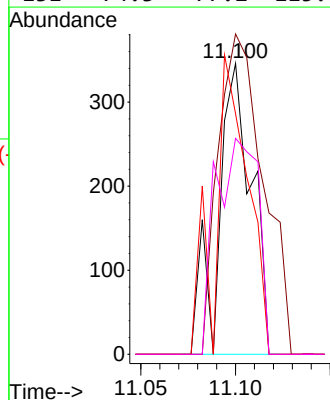
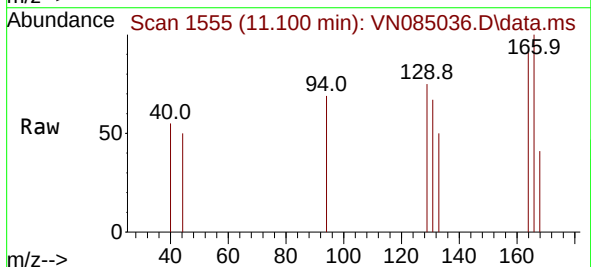
Instrument :
MSVOA_N
ClientSampleId :

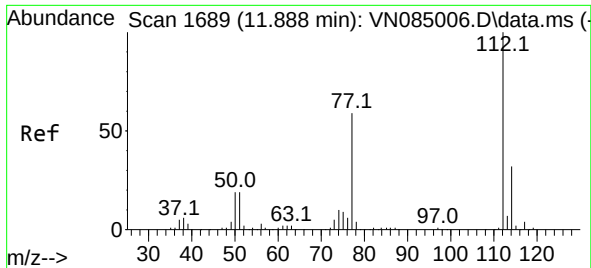
Tgt Ion:117 Resp: 225040
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.2 25.6 38.4



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:164 Resp: 421
Ion Ratio Lower Upper
164 100
166 110.1 100.6 151.0
129 82.7 77.7 116.5
131 74.3 77.2 115.8#

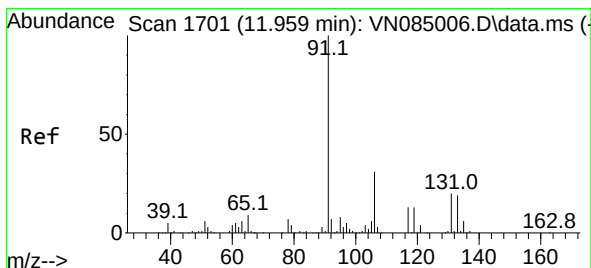
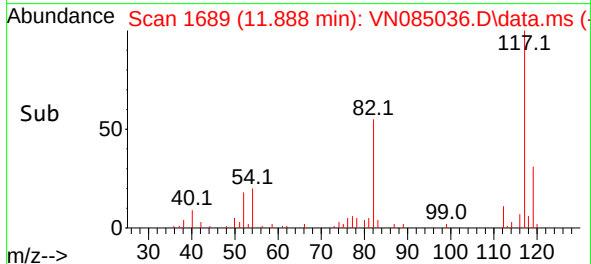
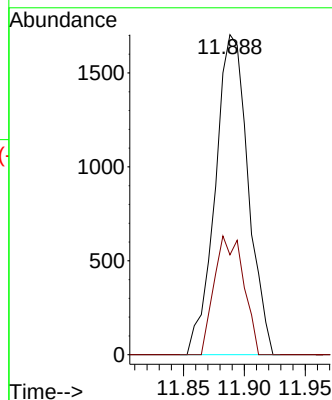
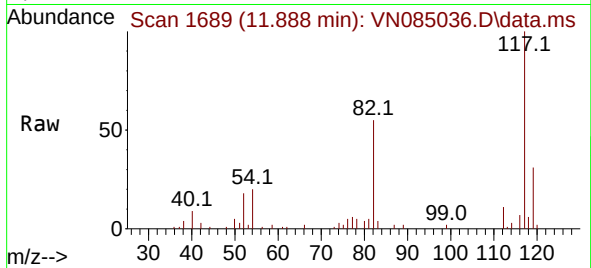




#65
Chlorobenzene
Concen: 0.629 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

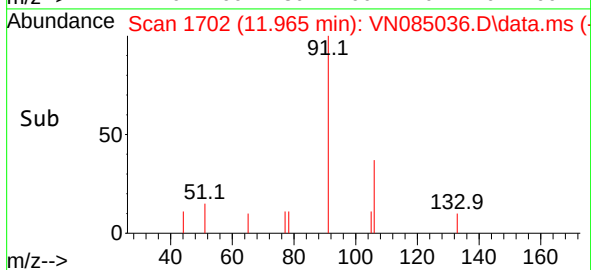
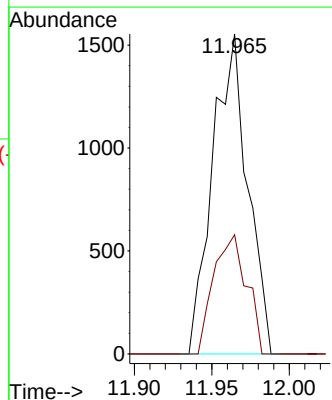
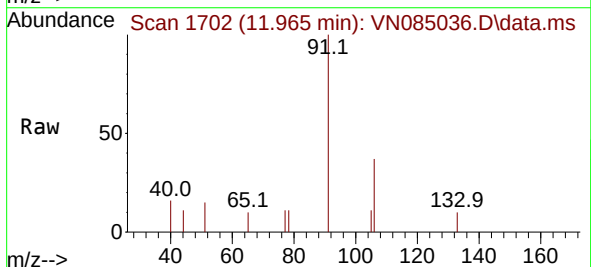
Instrument :
MSVOA_N
ClientSampleId :

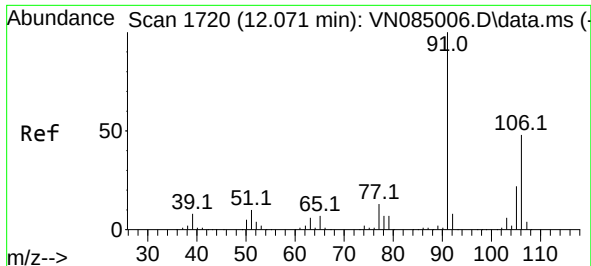
Tgt Ion:112 Resp: 3208
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#67
Ethyl Benzene
Concen: 0.294 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 91 Resp: 2437
Ion Ratio Lower Upper
91 100
106 37.3 24.7 37.1#

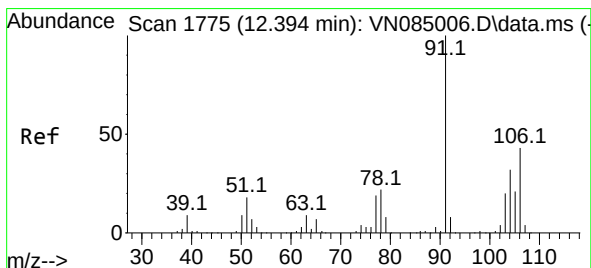
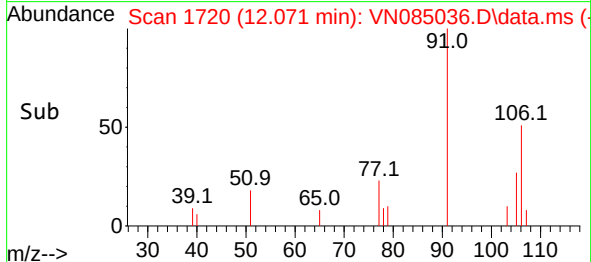
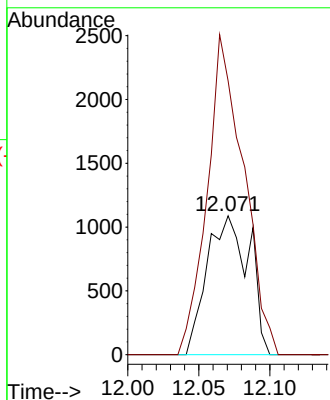
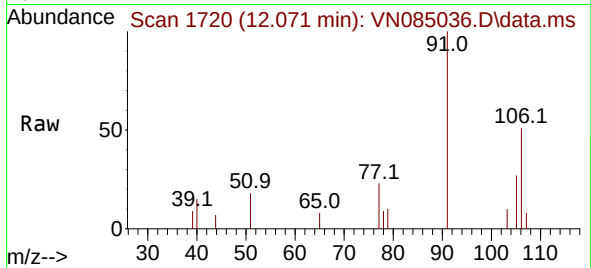




#68
m/p-Xylenes
Concen: 0.716 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

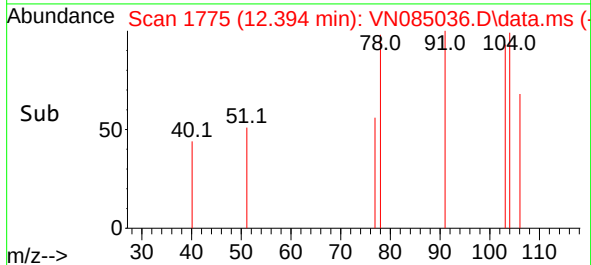
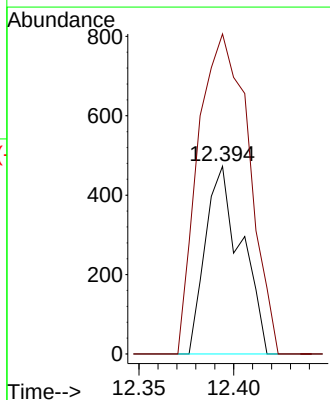
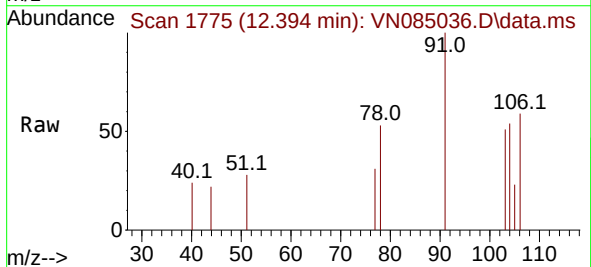
Instrument :
MSVOA_N
ClientSampleId :

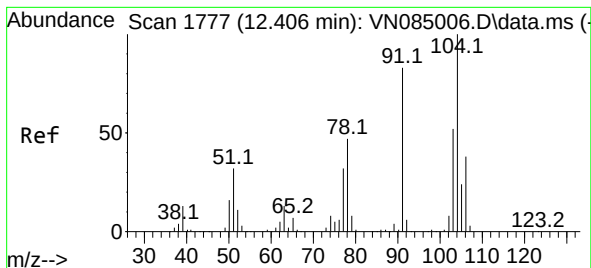
Tgt Ion:106 Resp: 2256
Ion Ratio Lower Upper
106 100
91 198.2 168.0 252.0



#69
o-Xylene
Concen: 0.208 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:106 Resp: 623
Ion Ratio Lower Upper
106 100
91 240.0 110.7 331.9





#70

Styrene

Concen: 0.527 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

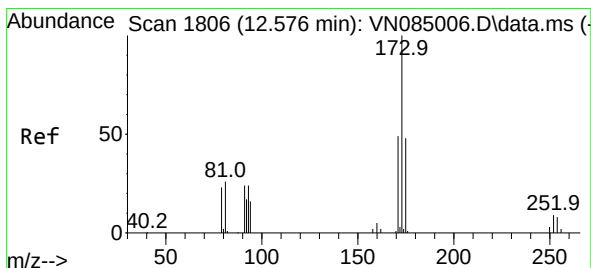
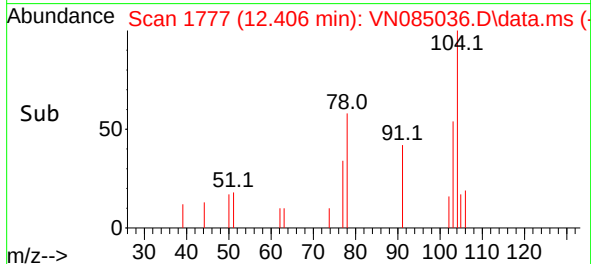
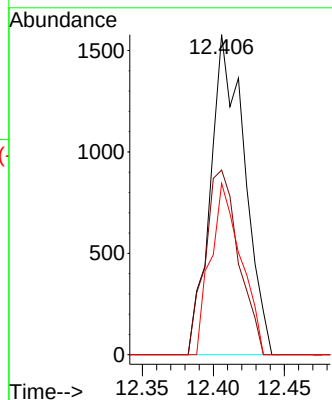
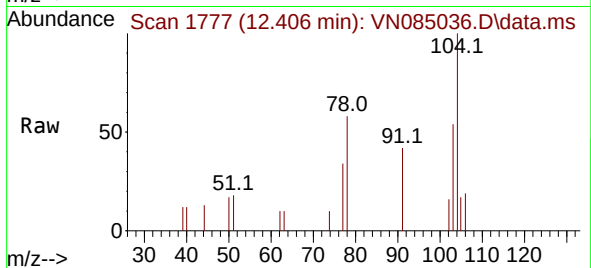
Tgt Ion:104 Resp: 2627

Ion Ratio Lower Upper

104 100

78 57.0 42.3 63.5

103 48.1 44.2 66.2



#71

Bromoform

Concen: 0.379 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

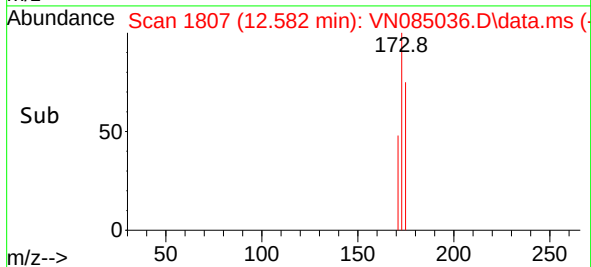
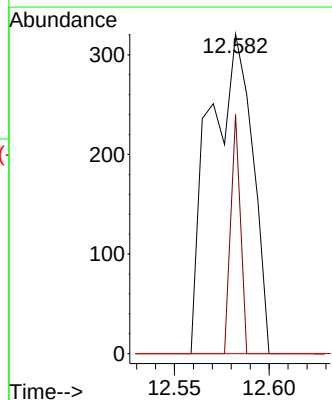
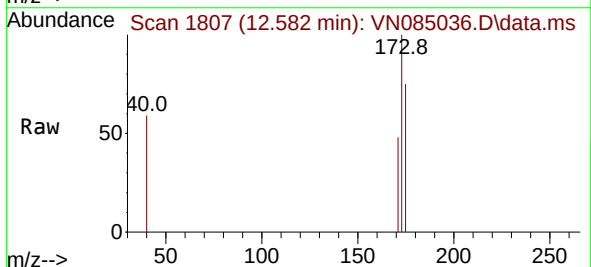
Tgt Ion:173 Resp: 505

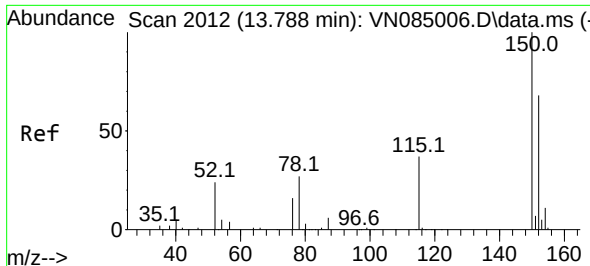
Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.2#

254 0.0 0.0 0.0

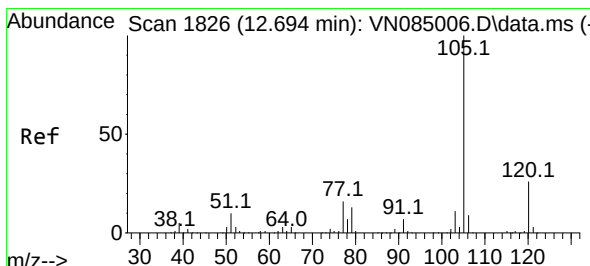
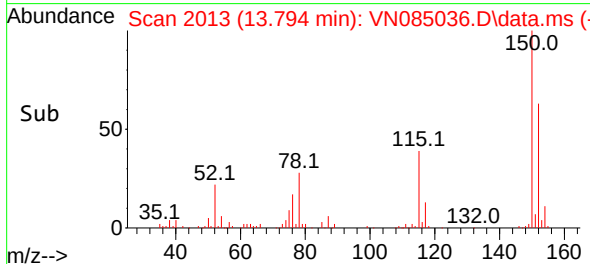
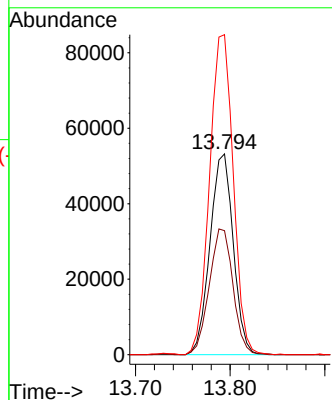
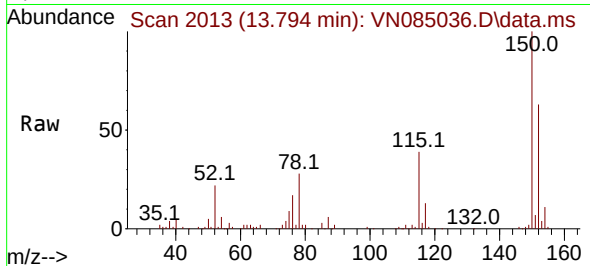




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

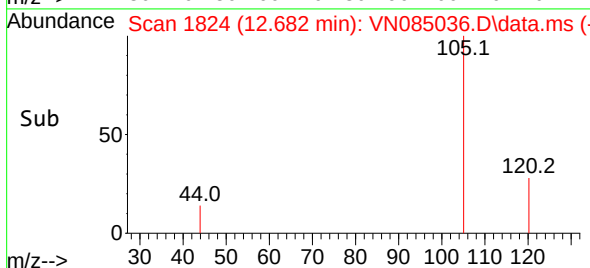
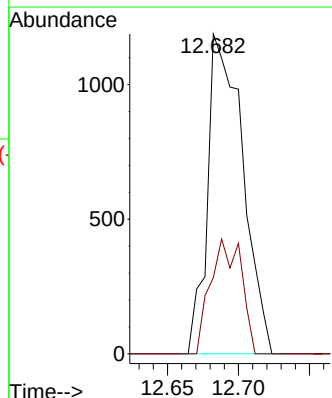
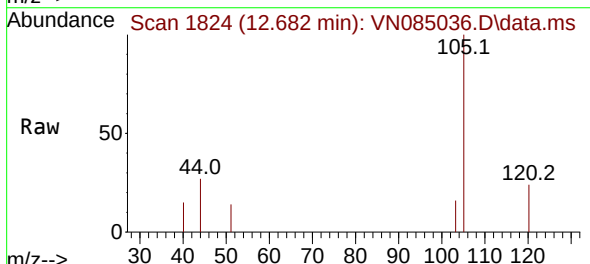
Instrument :
MSVOA_N
ClientSampleId :

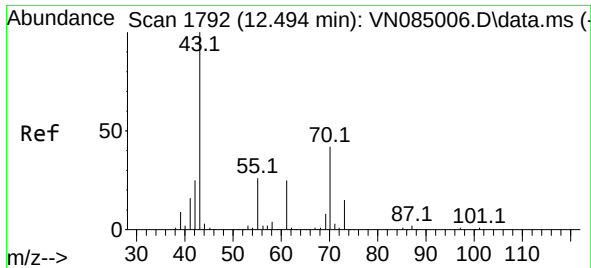
Tgt Ion:152 Resp: 90999
Ion Ratio Lower Upper
152 100
115 63.7 31.7 95.1
150 161.9 0.0 351.4



#73
Isopropylbenzene
Concen: 0.318 ug/l
RT: 12.682 min Scan# 1824
Delta R.T. -0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

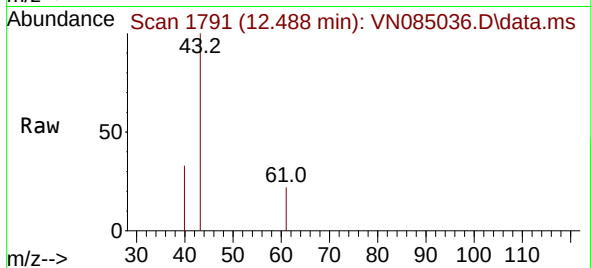
Tgt Ion:105 Resp: 2043
Ion Ratio Lower Upper
105 100
120 31.6 13.0 39.0



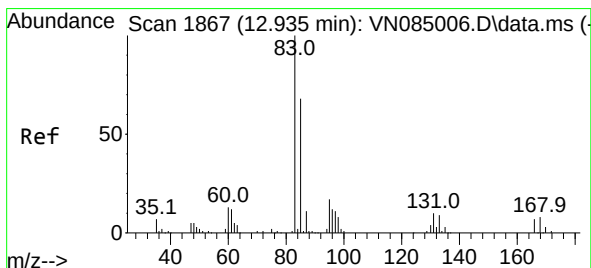
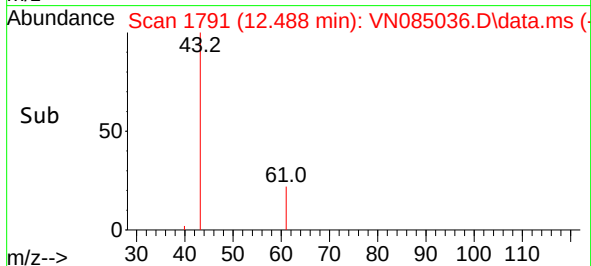
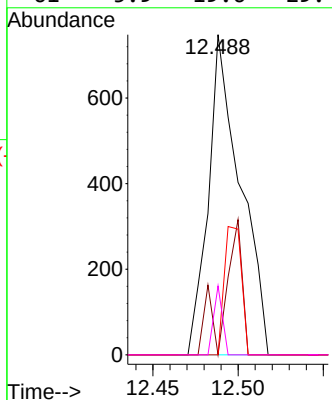


#74
N-amy1 acetate
Concen: 0.368 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

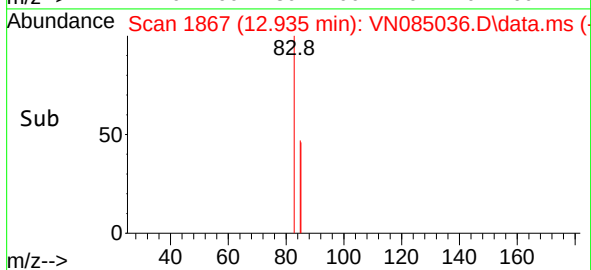
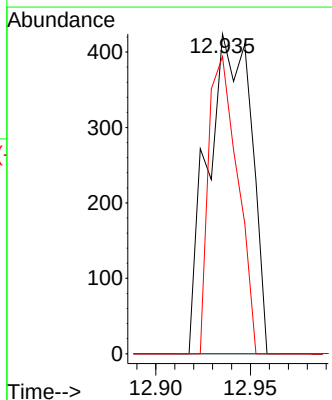
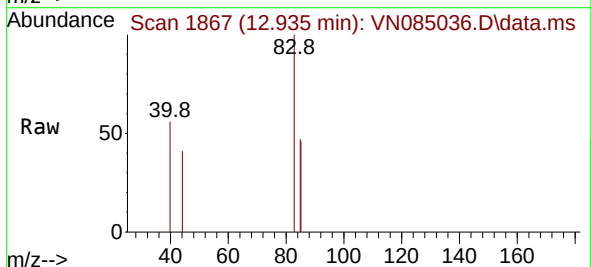


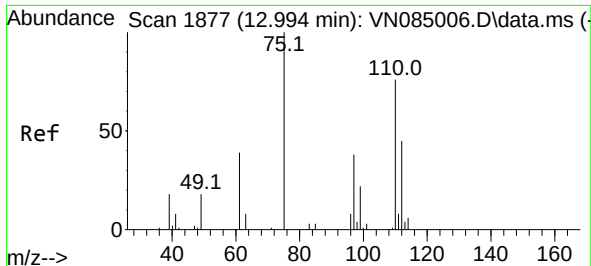
Tgt Ion: 43	Resp: 974
Ion Ratio	Lower Upper
43 100	
70 23.9	34.6 51.8#
55 21.6	20.5 30.7
61 5.9	19.6 29.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.310 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 83	Resp:	680	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.4#	
85 61.6	32.1	96.3	

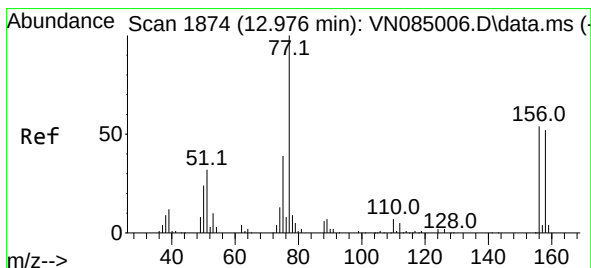
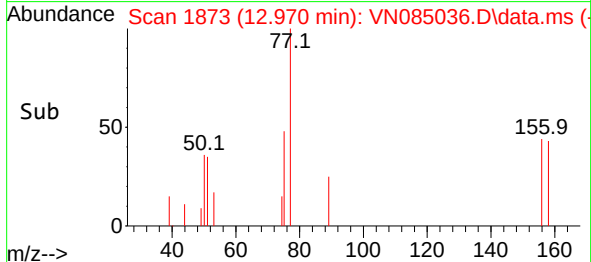
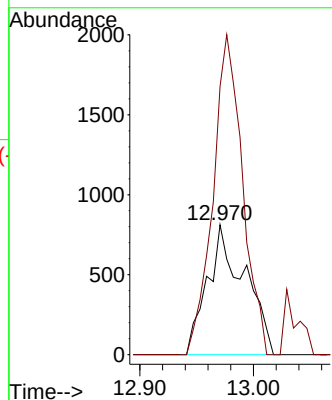
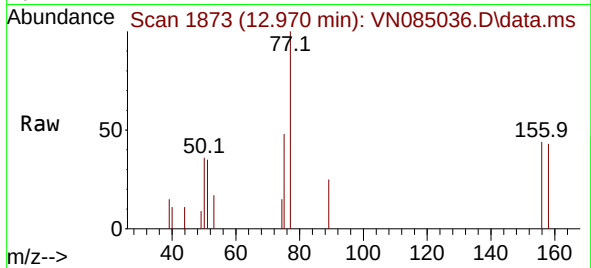




#76
1,2,3-Trichloropropane
Concen: 1.117 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.024 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

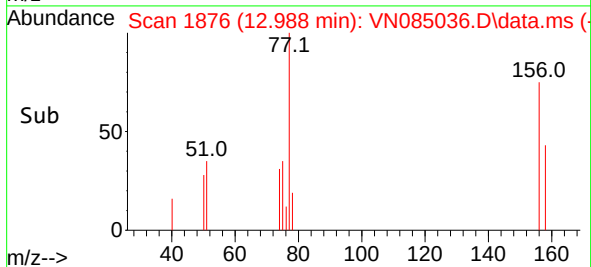
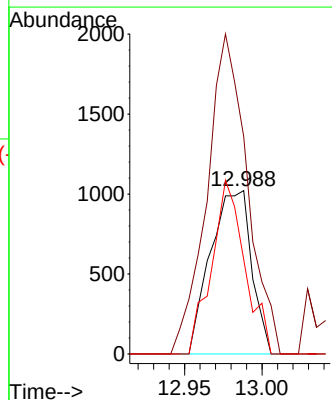
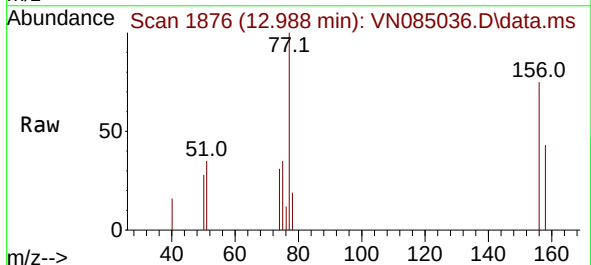
Instrument :
MSVOA_N
ClientSampleId :

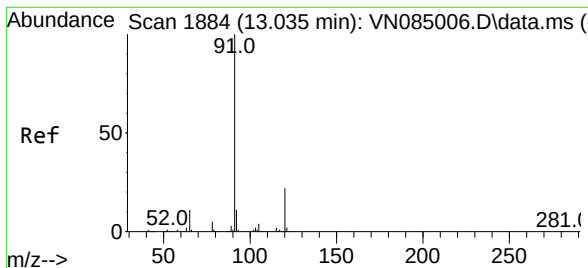
Tgt Ion: 75 Resp: 1849
Ion Ratio Lower Upper
75 100
77 196.1 109.1 327.4



#77
Bromobenzene
Concen: 1.085 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 156 Resp: 1875
Ion Ratio Lower Upper
156 100
77 193.3 107.2 321.6
158 86.1 48.5 145.6





#78

n-propylbenzene

Concen: 0.730 ug/l

RT: 13.029 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

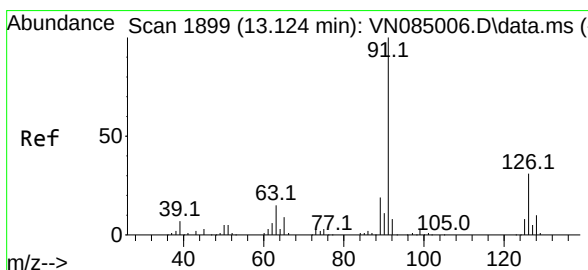
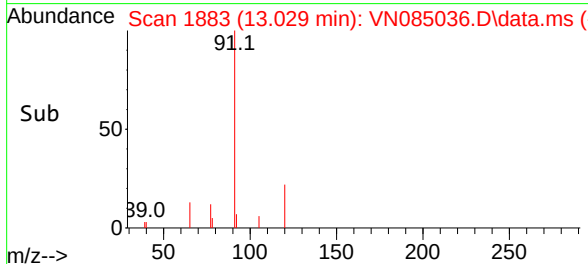
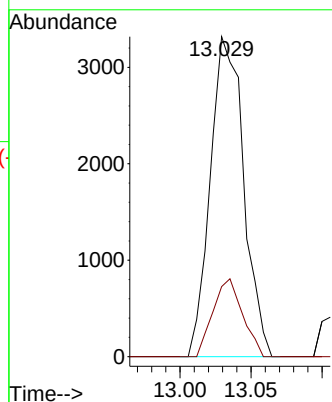
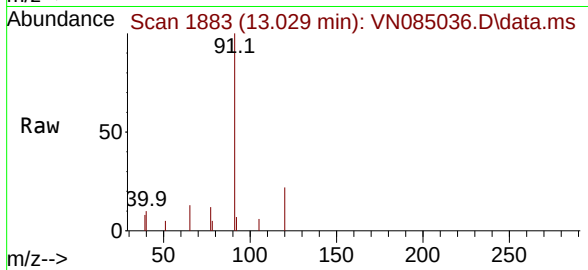
ClientSampleId :

Tgt Ion: 91 Resp: 5408

Ion Ratio Lower Upper

91 100

120 21.6 11.3 33.9



#79

2-Chlorotoluene

Concen: 0.627 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN085036.D

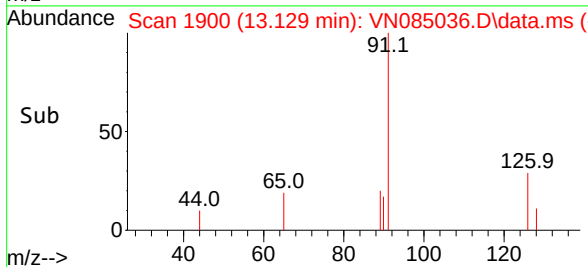
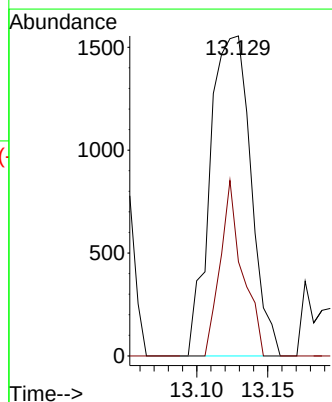
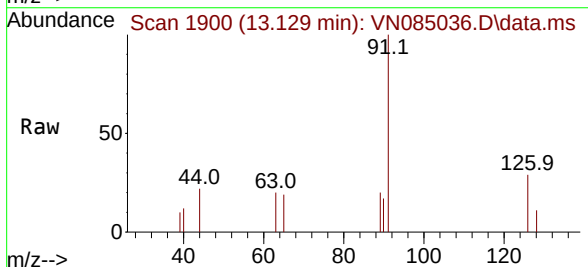
Acq: 26 Nov 2024 11:21

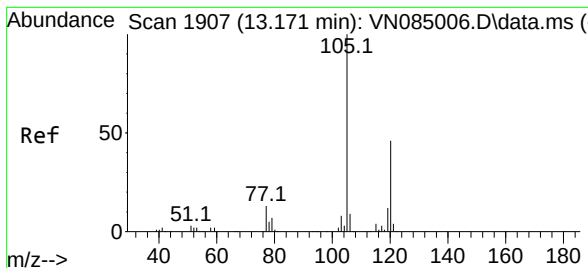
Tgt Ion: 91 Resp: 3099

Ion Ratio Lower Upper

91 100

126 30.0 16.1 48.3

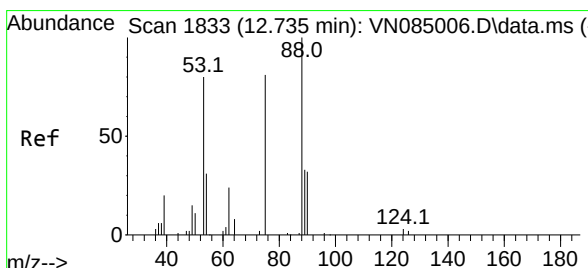
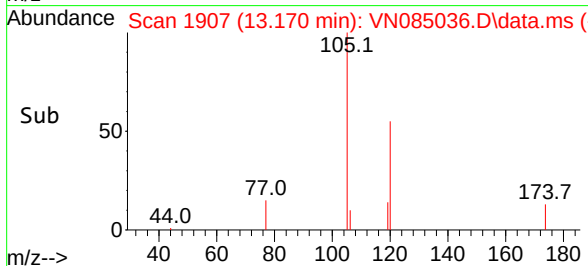
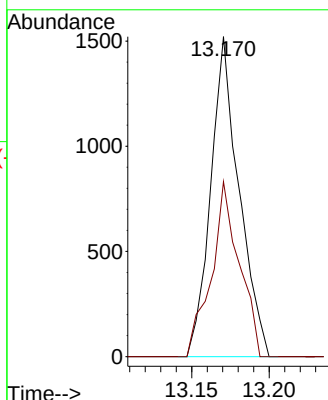
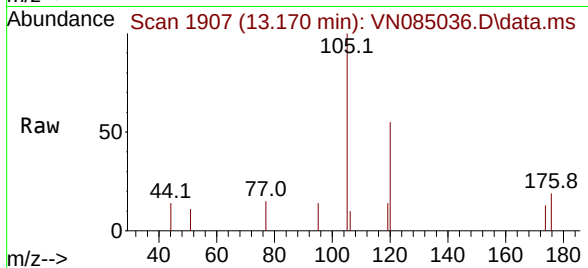




#80
 1,3,5-Trimethylbenzene
 Concen: 0.358 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

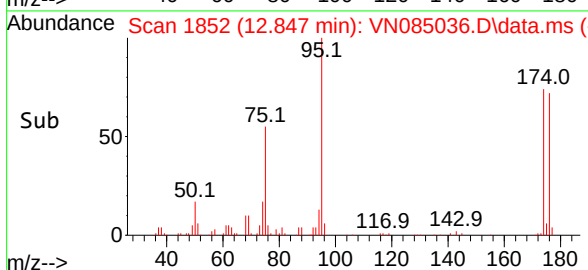
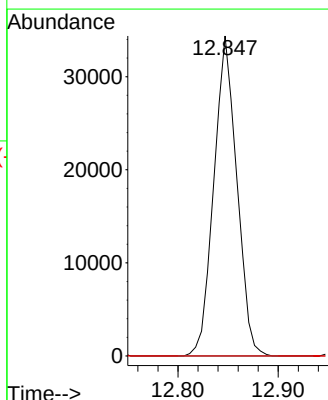
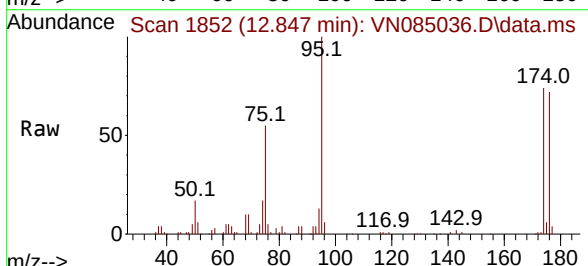
Instrument :
 MSVOA_N
 ClientSampleId :

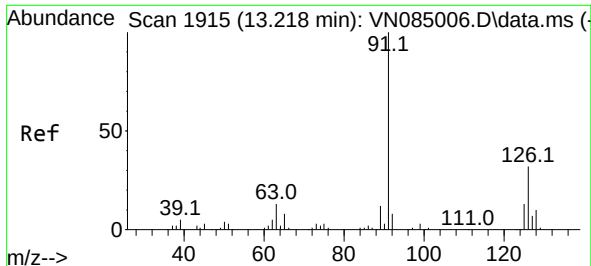
Tgt Ion:105 Resp: 1931
 Ion Ratio Lower Upper
 105 100
 120 53.8 23.6 71.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.956 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

Tgt Ion: 75 Resp: 54701
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#

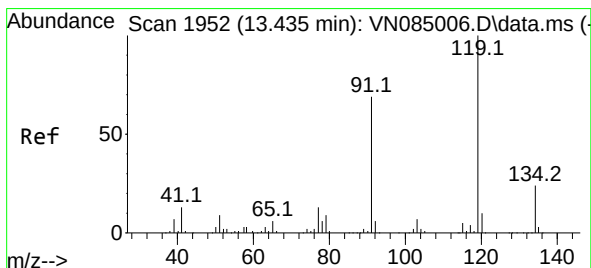
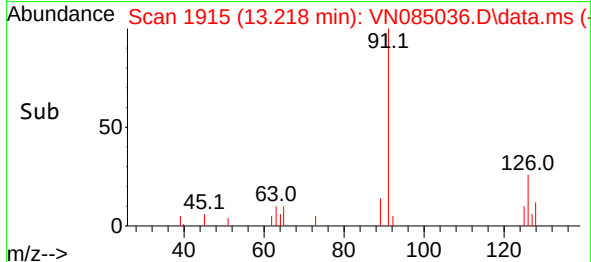
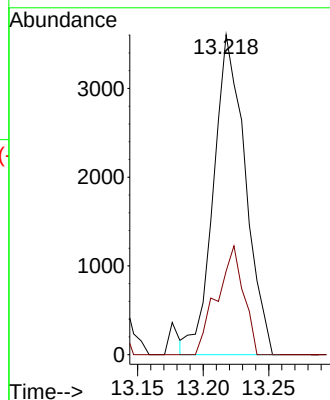
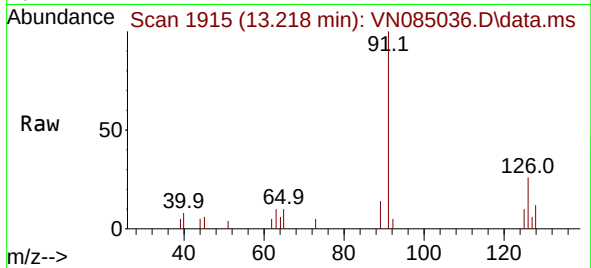




#82
4-Chlorotoluene
Concen: 1.180 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

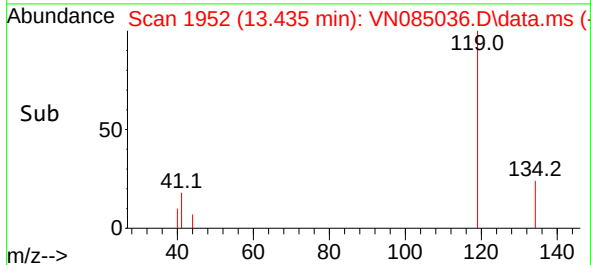
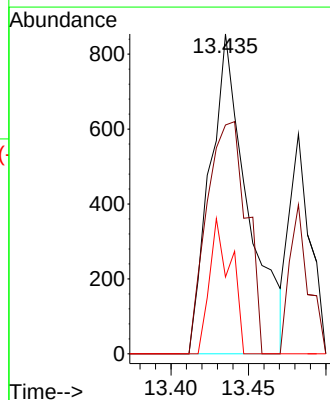
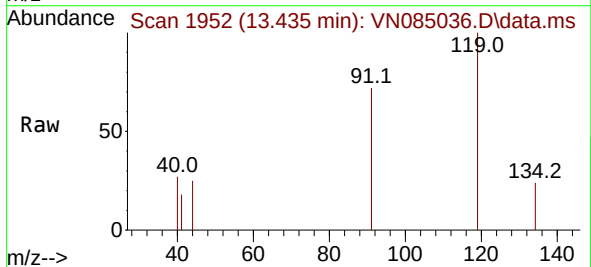
Instrument :
MSVOA_N
ClientSampleId :

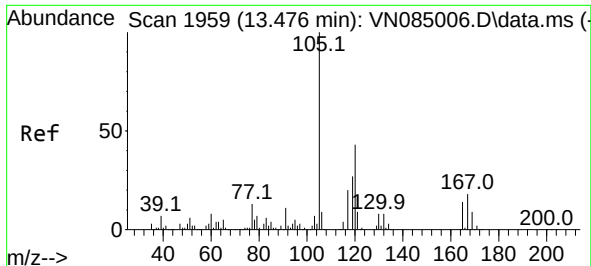
Tgt Ion: 91 Resp: 6074
Ion Ratio Lower Upper
91 100
126 28.4 16.1 48.3



#83
tert-Butylbenzene
Concen: 0.314 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 119 Resp: 1454
Ion Ratio Lower Upper
119 100
91 75.9 35.1 105.5
134 24.0 12.1 36.3

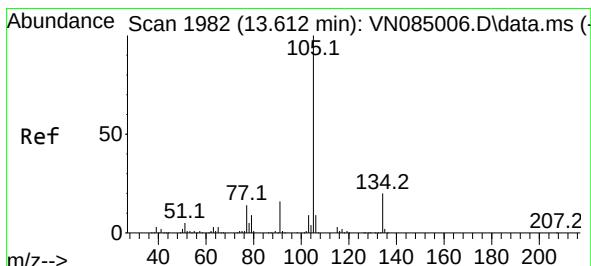
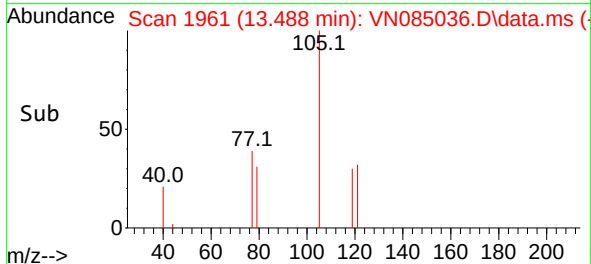
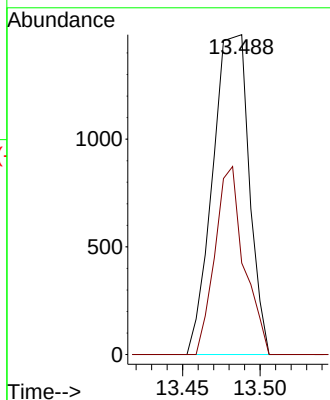
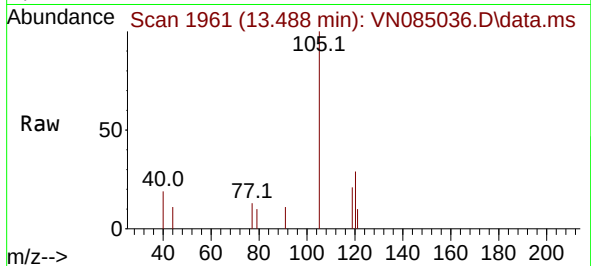




#84
1,2,4-Trimethylbenzene
Concen: 0.439 ug/l
RT: 13.488 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

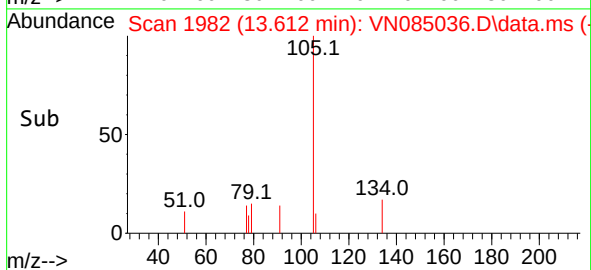
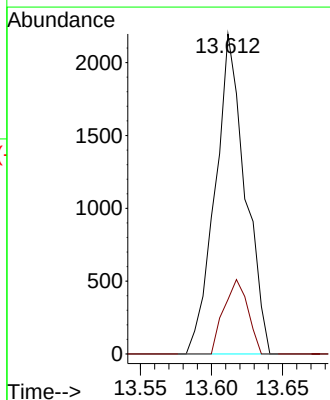
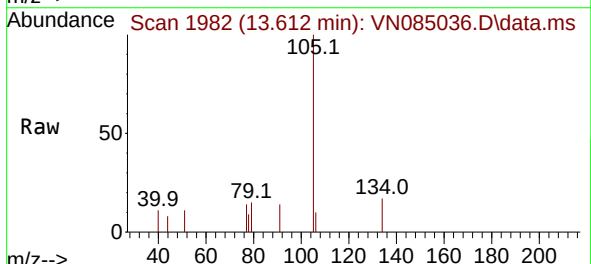
Instrument :
MSVOA_N
ClientSampleId :

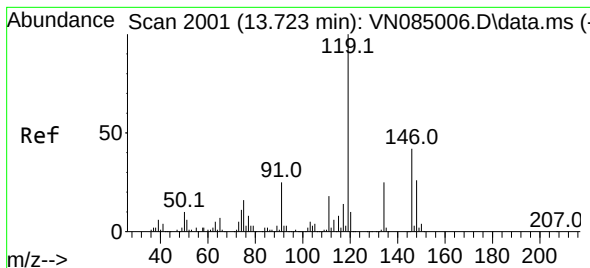
Tgt Ion:105 Resp: 2434
Ion Ratio Lower Upper
105 100
120 47.0 21.8 65.4



#85
sec-Butylbenzene
Concen: 0.516 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:105 Resp: 3230
Ion Ratio Lower Upper
105 100
134 18.5 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.618 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.012 min

Lab File: VN085036.D

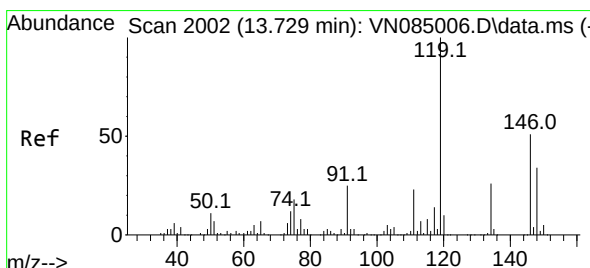
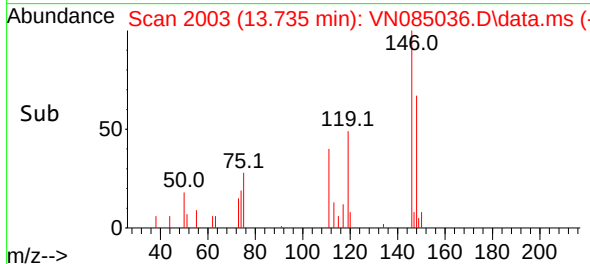
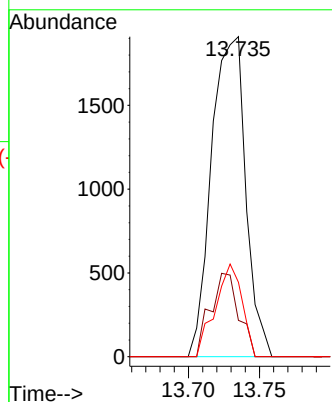
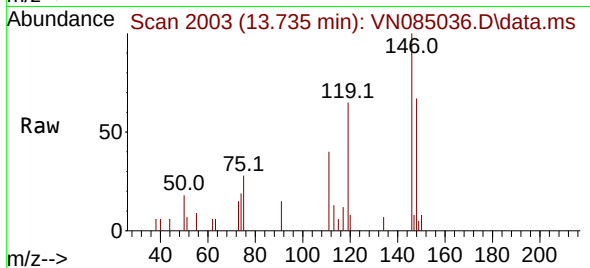
Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	3195
Ion	Ratio	Lower Upper
119	100	
134	21.5	13.0 39.0
91	22.6	12.8 38.4



#87

1,3-Dichlorobenzene

Concen: 1.474 ug/l

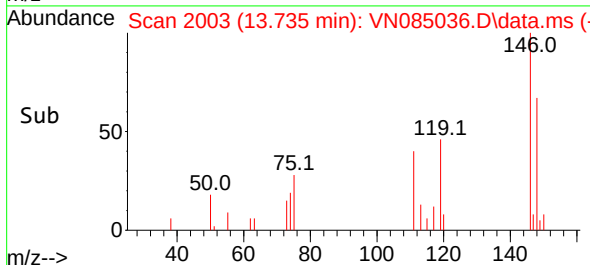
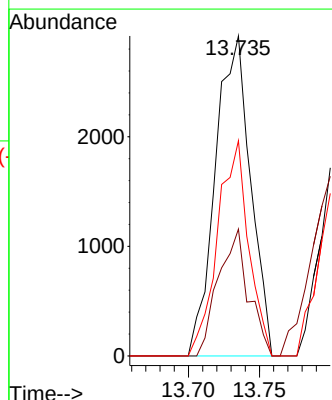
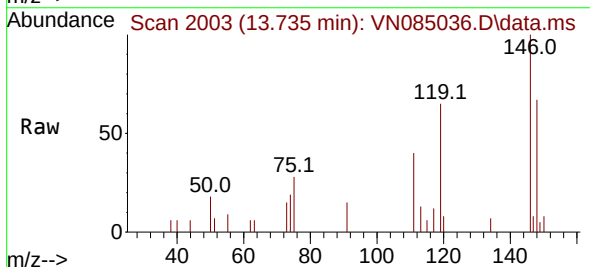
RT: 13.735 min Scan# 2003

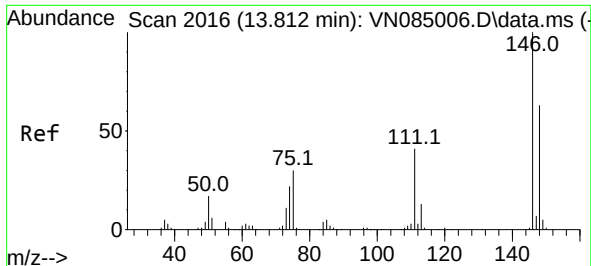
Delta R.T. 0.006 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

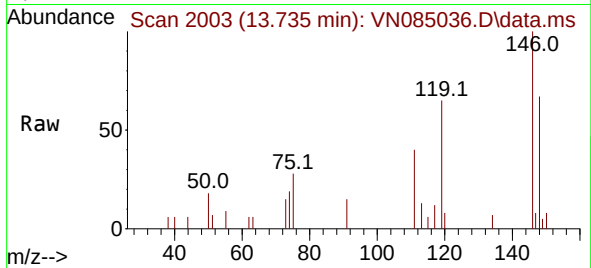
Tgt Ion:146	Resp:	5024
Ion	Ratio	Lower Upper
146	100	
111	34.0	21.6 65.0
148	59.4	32.2 96.6



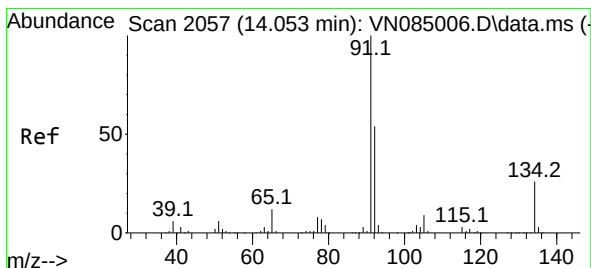
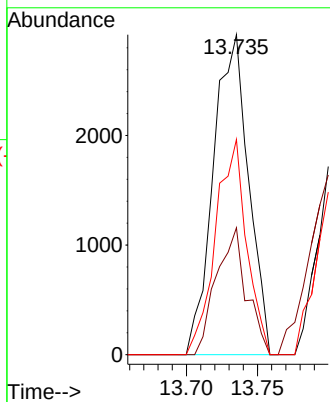
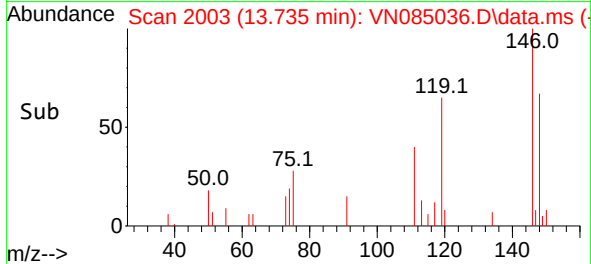


#88
1,4-Dichlorobenzene
Concen: 1.445 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :

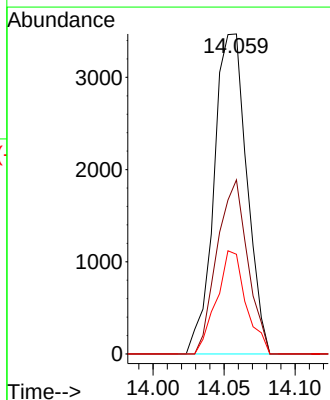
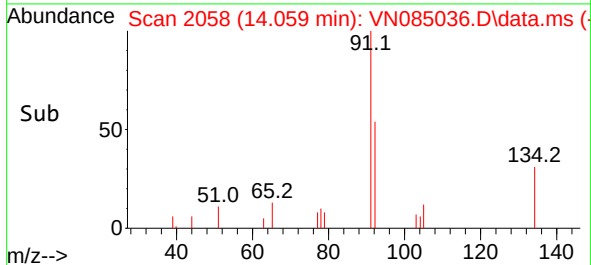
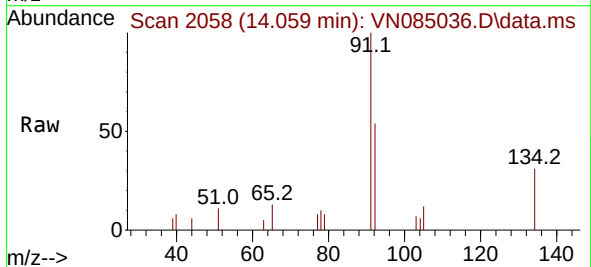


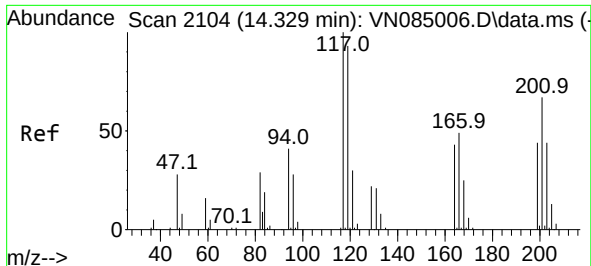
Tgt Ion:146 Resp: 5024
Ion Ratio Lower Upper
146 100
111 34.0 20.9 62.8
148 59.4 31.3 93.9



#89
n-Butylbenzene
Concen: 1.159 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 91 Resp: 5571
Ion Ratio Lower Upper
91 100
92 50.9 26.8 80.3
134 28.9 12.8 38.4

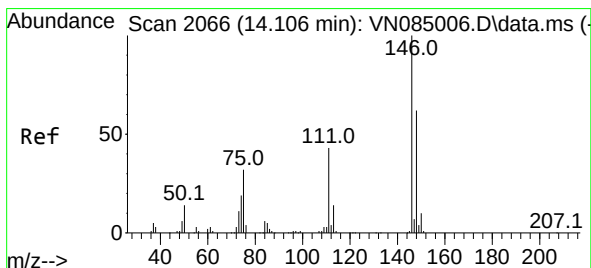
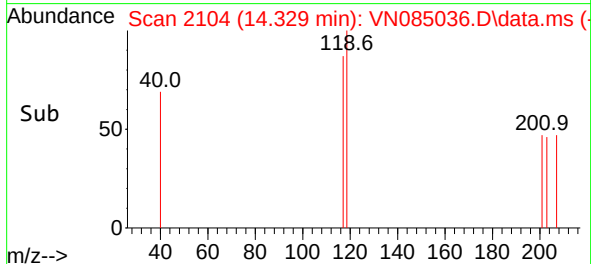
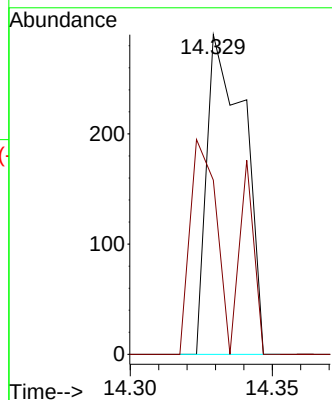
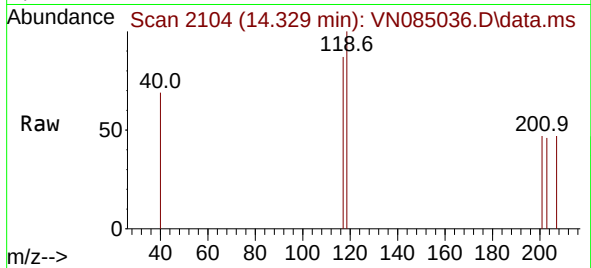




#90
 Hexachloroethane
 Concen: 0.234 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

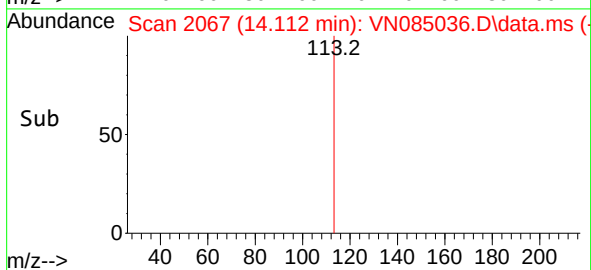
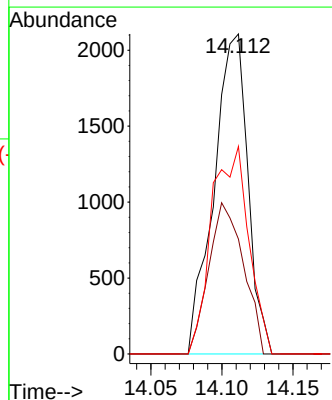
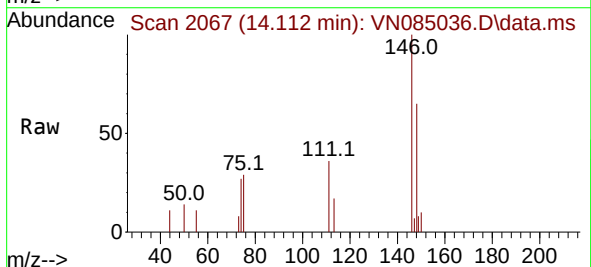
Instrument :
 MSVOA_N
 ClientSampleId :

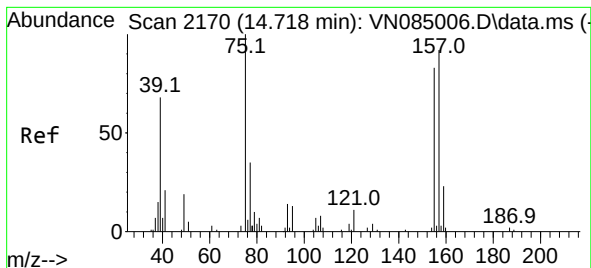
Tgt Ion:117 Resp: 264
 Ion Ratio Lower Upper
 117 100
 201 70.8 35.2 105.6



#91
 1,2-Dichlorobenzene
 Concen: 1.075 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

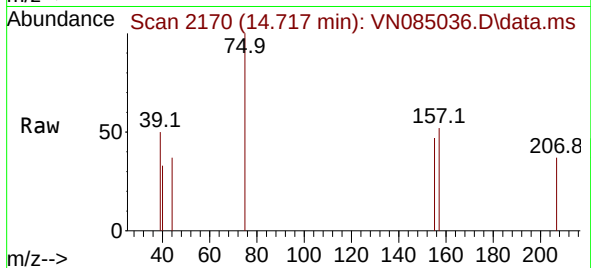
Tgt Ion:146 Resp: 3510
 Ion Ratio Lower Upper
 146 100
 111 48.3 21.9 65.8
 148 70.7 31.1 93.2



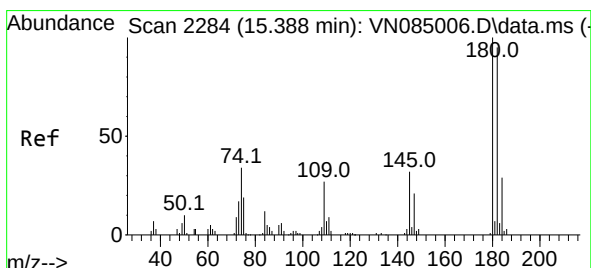
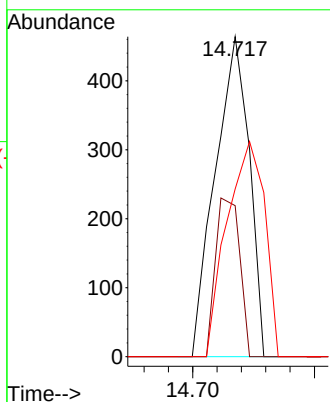
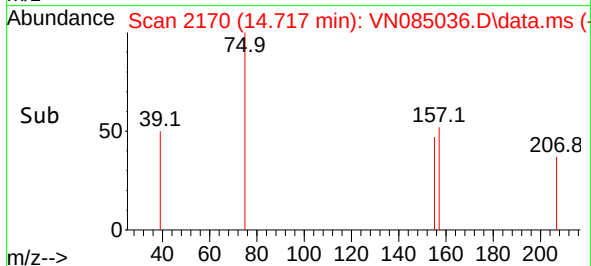


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.059 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

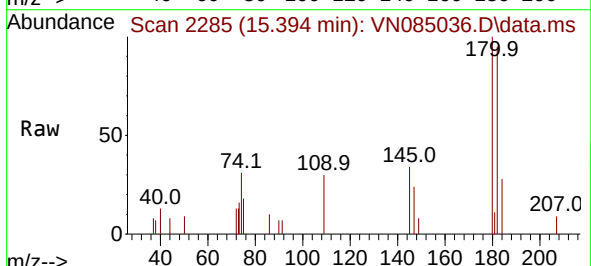
Instrument :
 MSVOA_N
 ClientSampleId :



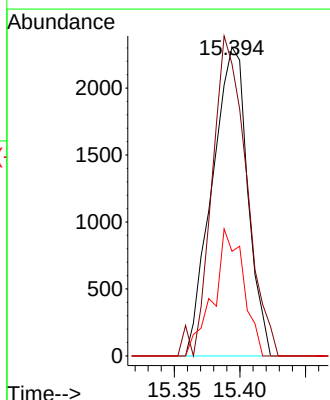
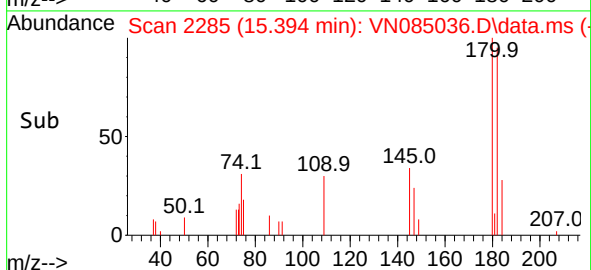
Tgt Ion: 75 Resp: 449
 Ion Ratio Lower Upper
 75 100
 155 35.2 38.9 116.7#
 157 75.1 48.3 144.9

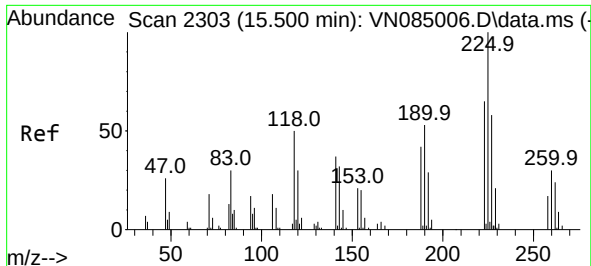


#93
 1,2,4-Trichlorobenzene
 Concen: 2.455 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21



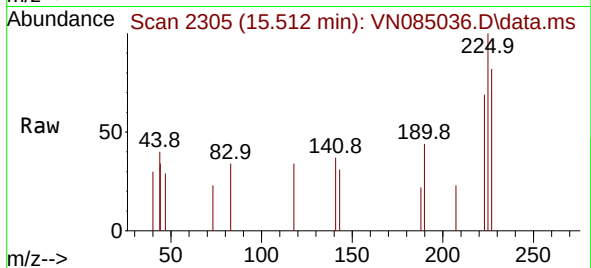
Tgt Ion: 180 Resp: 4355
 Ion Ratio Lower Upper
 180 100
 182 99.7 46.9 140.8
 145 34.8 16.3 48.8



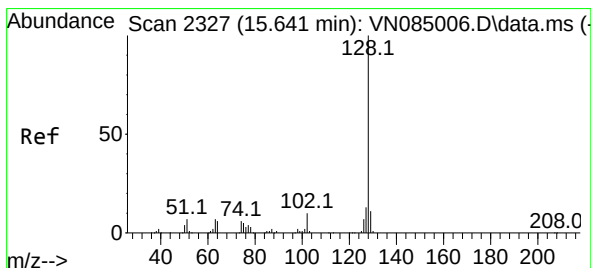
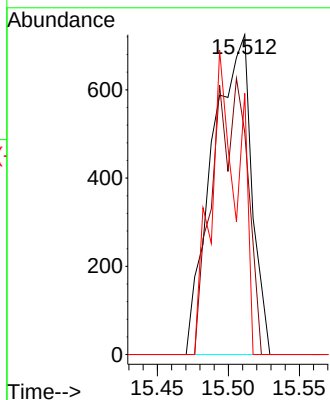
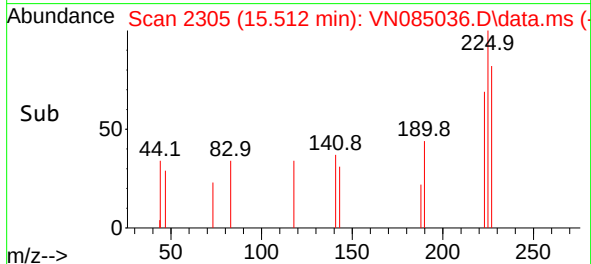


#94
Hexachlorobutadiene
Concen: 1.700 ug/l
RT: 15.512 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

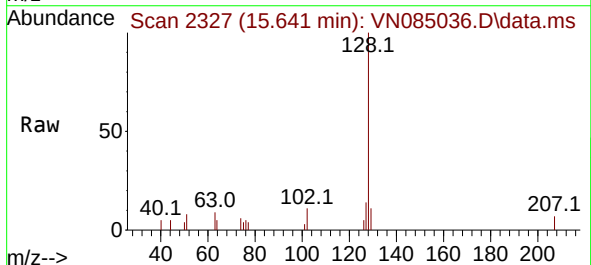
Instrument :
MSVOA_N
ClientSampleId :



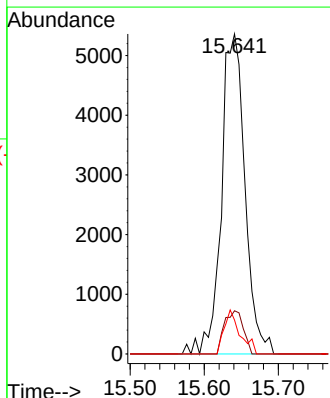
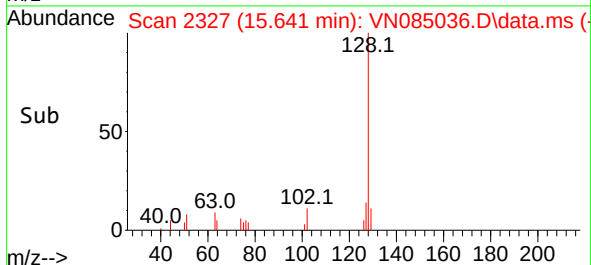
Tgt Ion:225 Resp: 1392
Ion Ratio Lower Upper
225 100
223 76.0 30.9 92.8
227 66.9 31.5 94.5

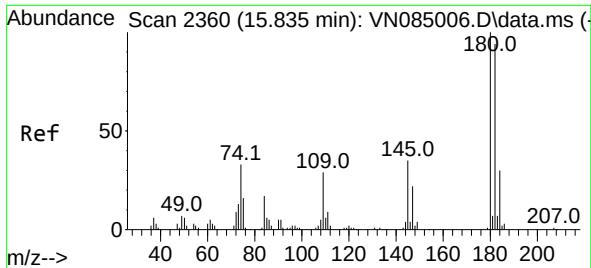


#95
Naphthalene
Concen: 2.342 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21



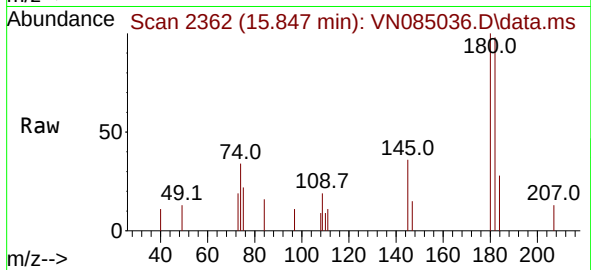
Tgt Ion:128 Resp: 11834
Ion Ratio Lower Upper
128 100
127 10.8 10.6 16.0
129 9.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.617 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.4	139.2
145	37.6	17.3	52.0

