

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084722.D
 Acq On : 07 Nov 2024 15:33
 Operator : JC\MD
 Sample : P3738-01
 Misc : 5.04G/10 mL/100uL//5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

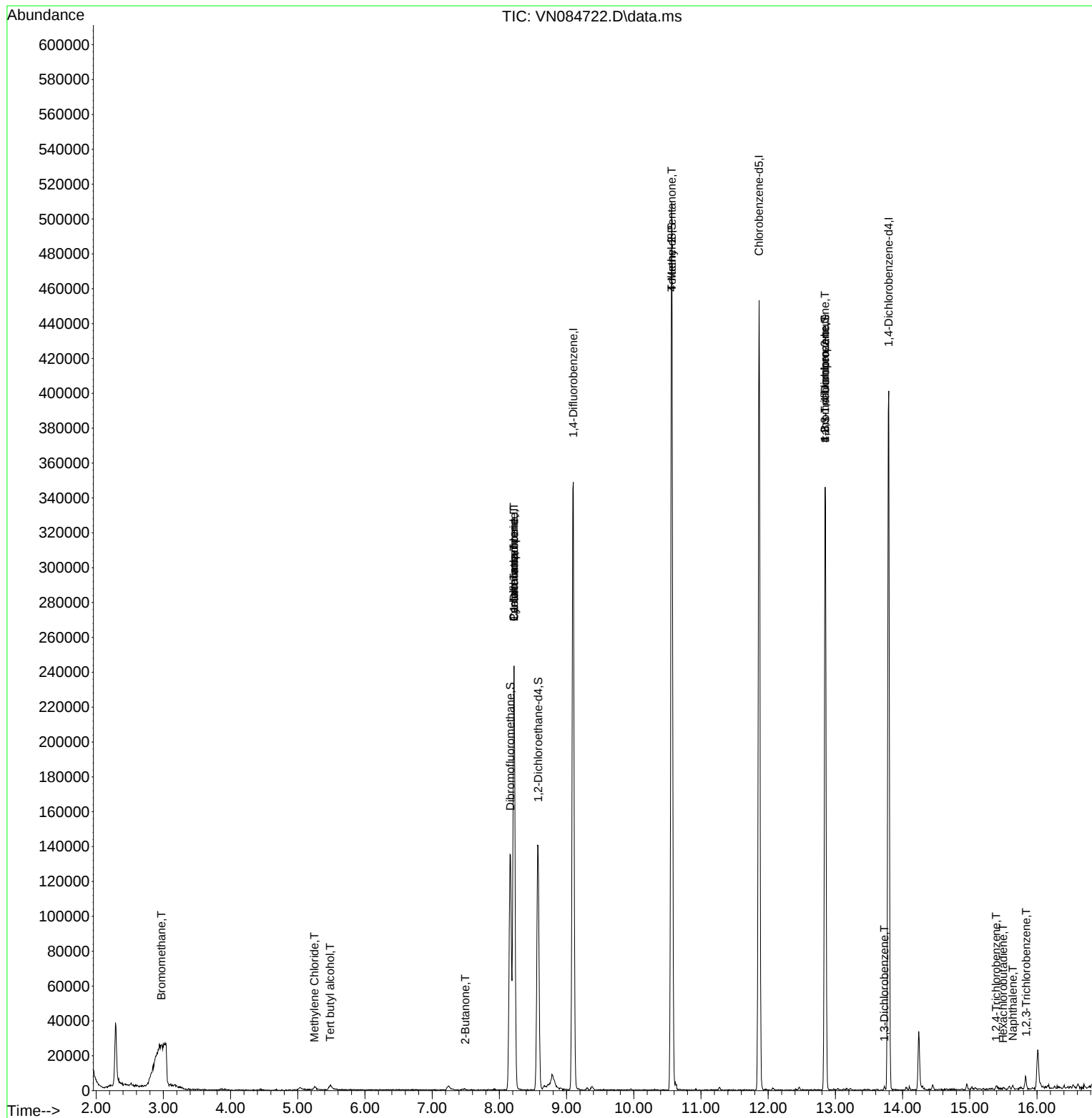
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	173590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120919	48.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.165	113	97972	48.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	10.565	98	349199	46.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.847	95	123519	44.264	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	542	Below Cal	#	41
5) Bromomethane	2.971	94	274	0.241	ug/l #	4
6) Chloroethane	3.124	64	248	Below Cal	#	45
11) Tert butyl alcohol	5.483	59	2814	8.503	ug/l #	73
16) Acetone	4.436	43	313	Below Cal	#	44
18) Methyl Acetate	5.024	43	3357	Below Cal	#	81
20) Methylene Chloride	5.247	84	1288	0.584	ug/l #	83
25) 2-Butanone	7.494	43	474	0.405	ug/l #	48
31) Cyclohexane	8.218	56	3336	0.964	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14234	5.064	ug/l #	51
38) Carbon Tetrachloride	8.218	117	17427	5.546	ug/l #	17
43) Isopropyl Acetate	8.694	43	1112	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1271	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63183	28.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63183	68.770	ug/l #	11
87) 1,3-Dichlorobenzene	13.729	146	891	0.222	ug/l #	59
88) 1,4-Dichlorobenzene	13.812	146	1069	Below Cal	#	51
93) 1,2,4-Trichlorobenzene	15.394	180	1009	0.479	ug/l	82
94) Hexachlorobutadiene	15.494	225	265	0.286	ug/l #	48
95) Naphthalene	15.641	128	2492	0.395	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.841	180	638	0.312	ug/l	81

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

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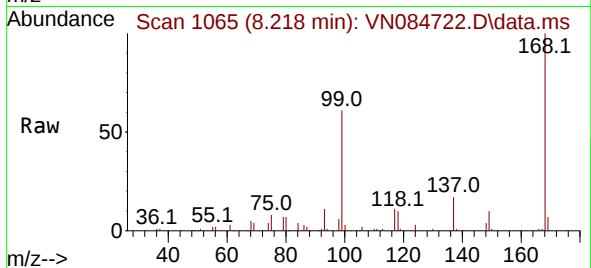
Quant Time: Nov 08 00:27:30 2024
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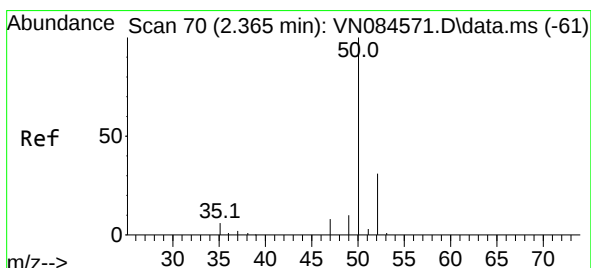
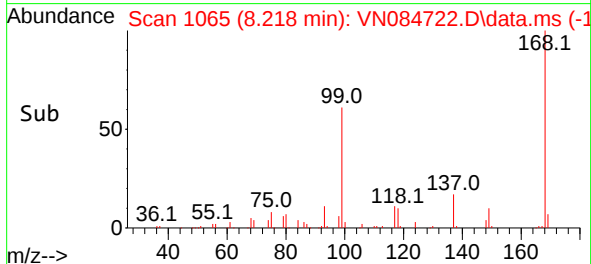
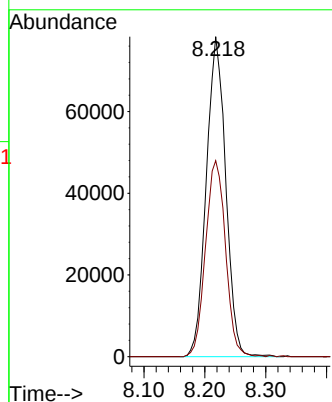


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

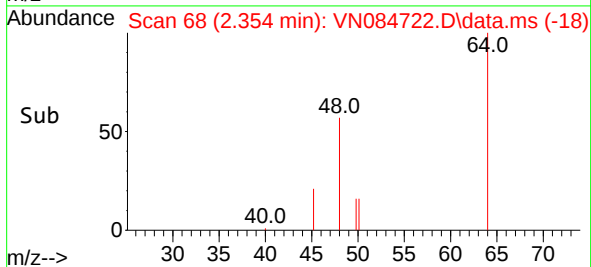
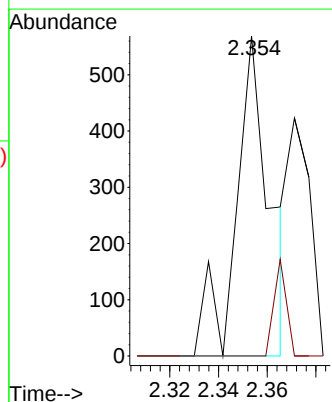
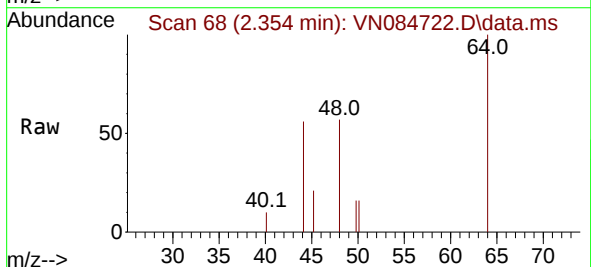


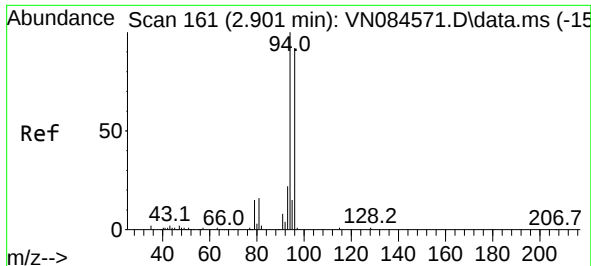
Tgt Ion:168 Resp: 173590
Ion Ratio Lower Upper
168 100
99 61.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

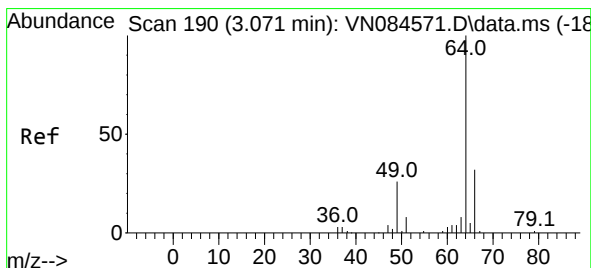
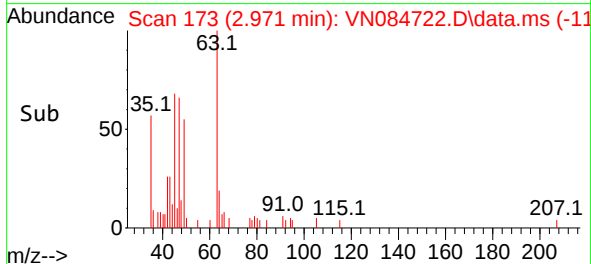
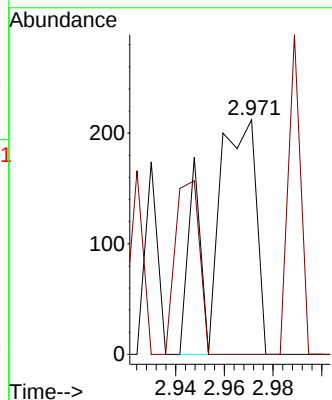
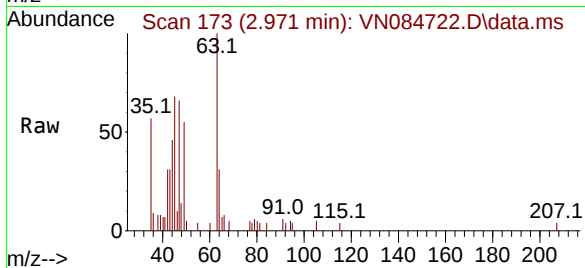




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

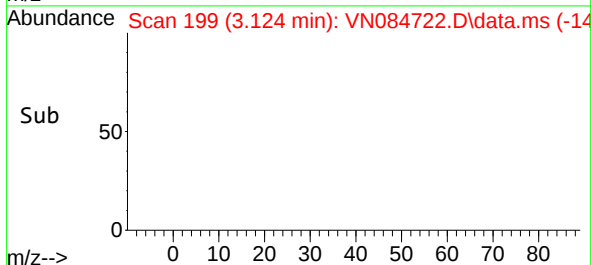
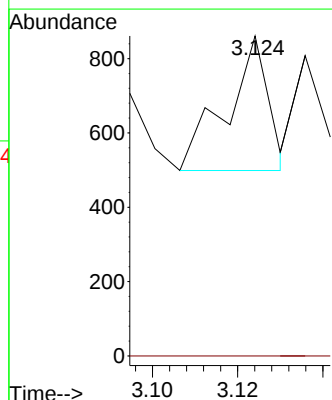
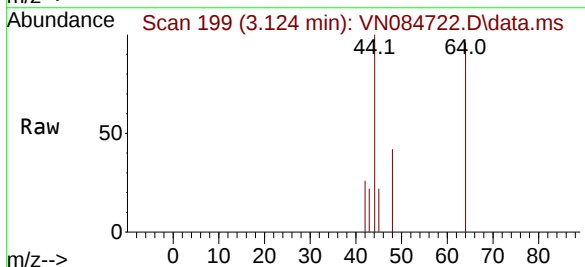
Instrument :
MSVOA_N
ClientSampleId :

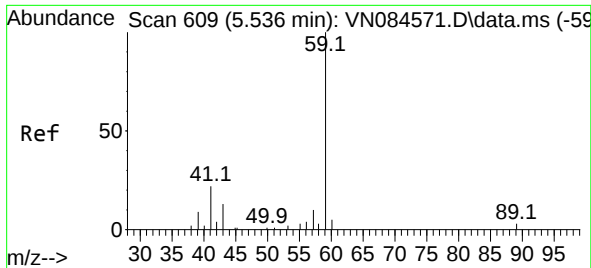
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

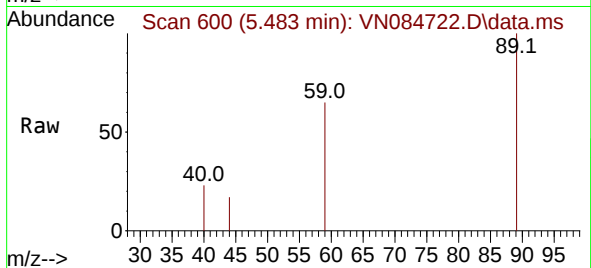
Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



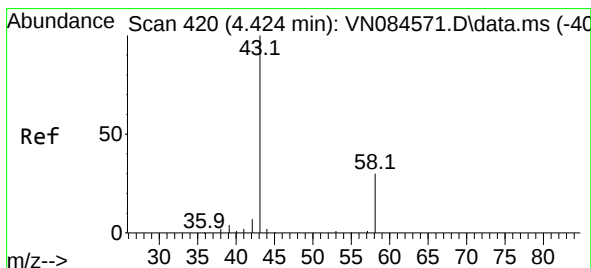
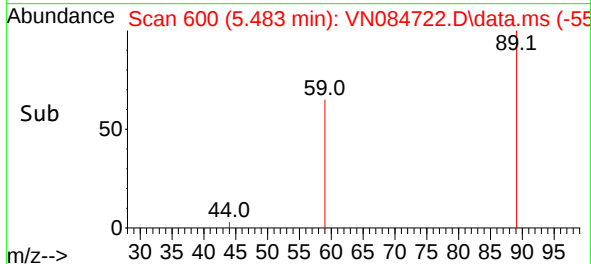
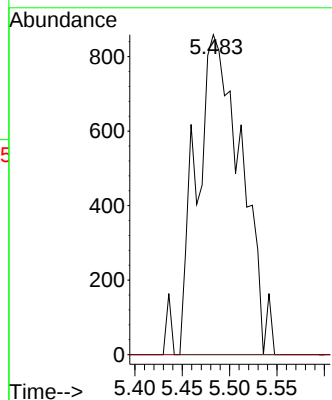


#11
Tert butyl alcohol
Concen: 8.503 ug/l
RT: 5.483 min Scan# 609
Delta R.T. -0.041 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

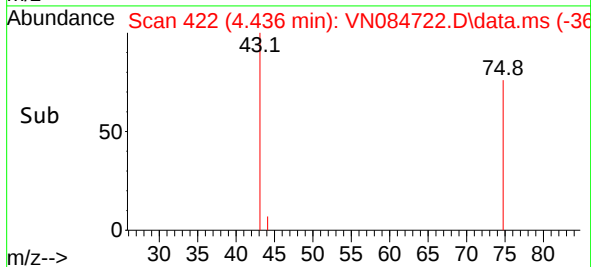
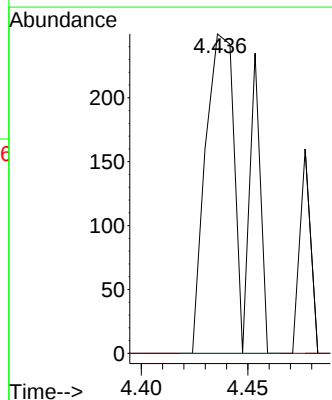
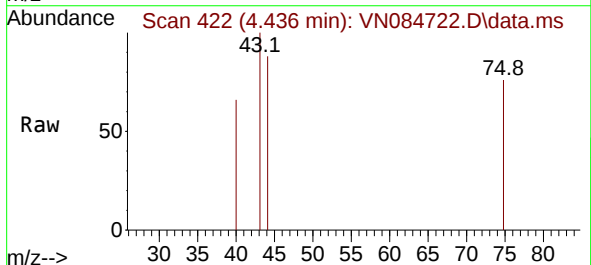


Tgt Ion: 59 Resp: 2814
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

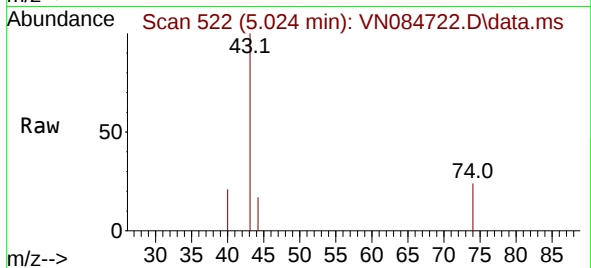
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



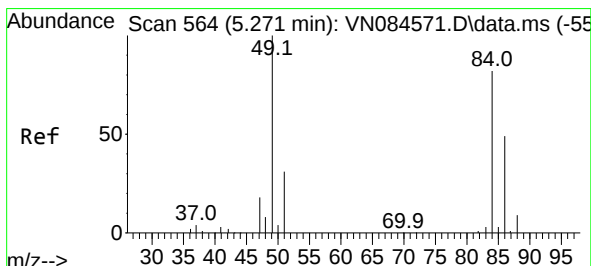
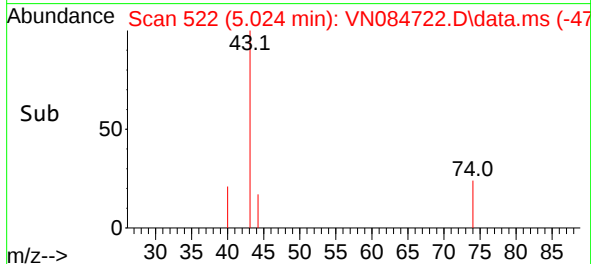
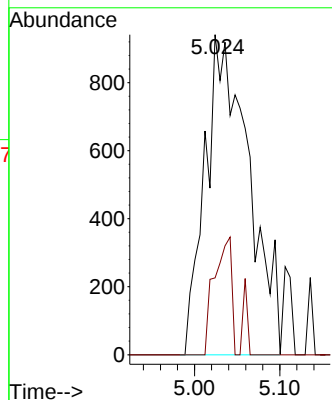


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

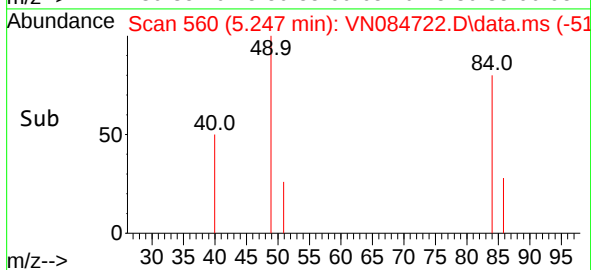
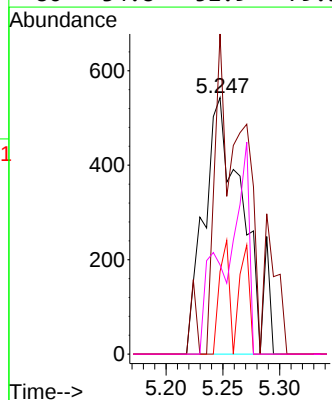
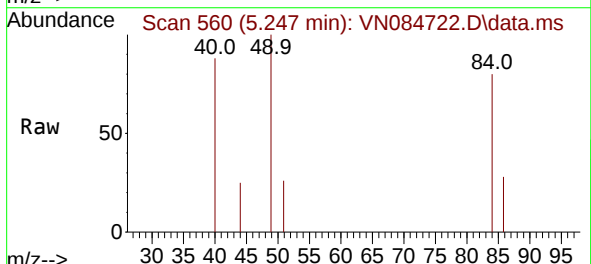


Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
74 14.5 19.2 28.8#



#20
Methylene Chloride
Concen: 0.584 ug/l
RT: 5.247 min Scan# 560
Delta R.T. -0.030 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 84 Resp: 1288
Ion Ratio Lower Upper
84 100
49 124.9 107.2 160.8
51 32.2 31.8 47.8
86 34.8 52.9 79.3#

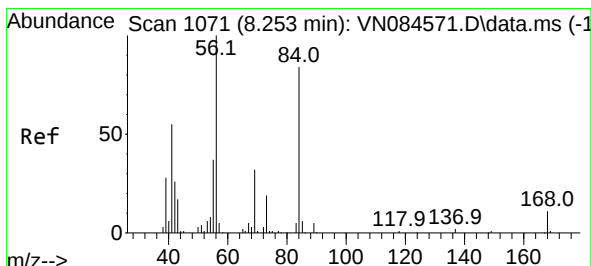
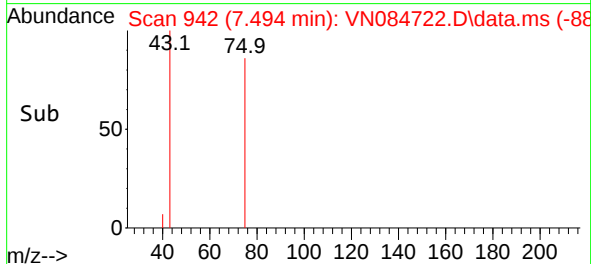
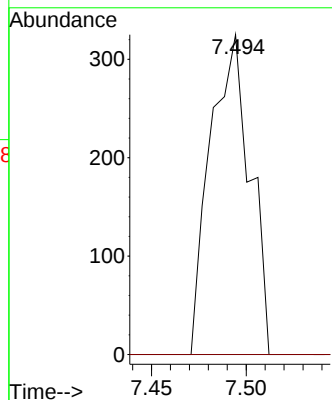
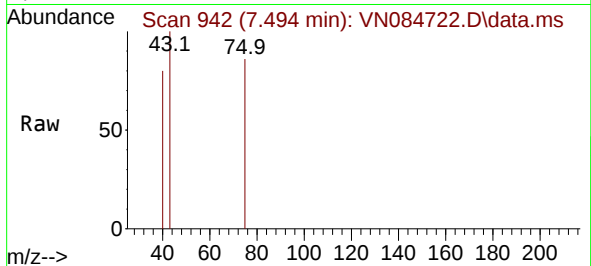




#25
2-Butanone
Concen: 0.405 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

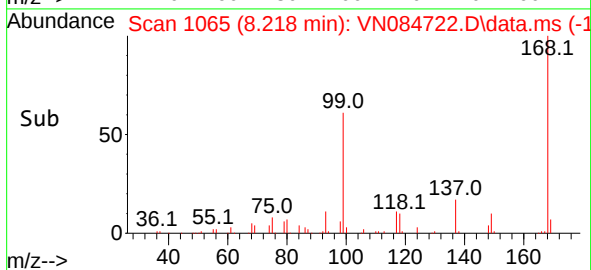
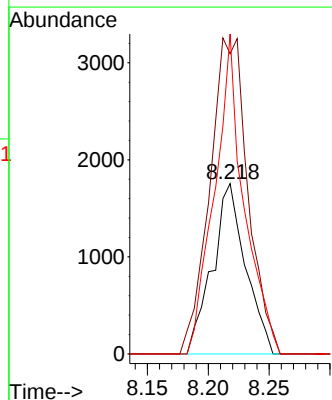
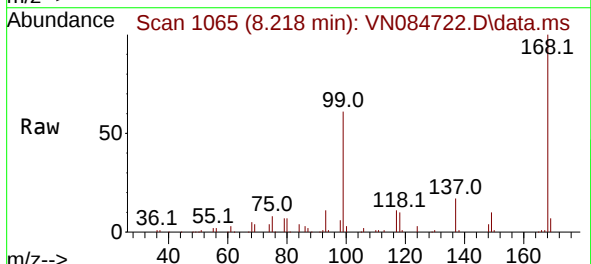
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ClientSampleId :

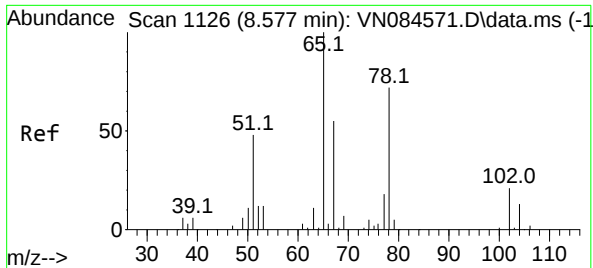
Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 0.964 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 56 Resp: 3336
Ion Ratio Lower Upper
56 100
69 176.2 23.8 35.6#
84 187.9 68.8 103.2#

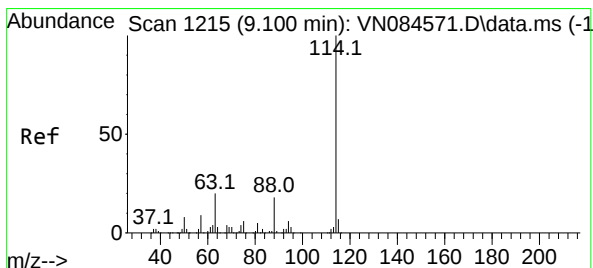
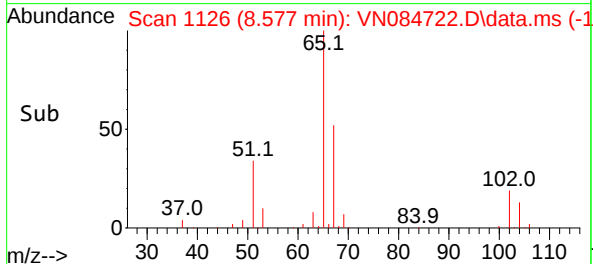
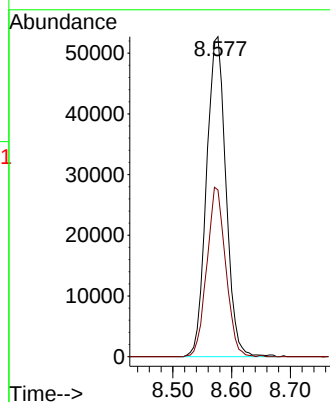
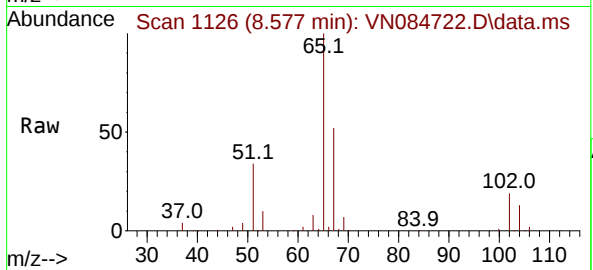




#33
1,2-Dichloroethane-d4
Concen: 48.228 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

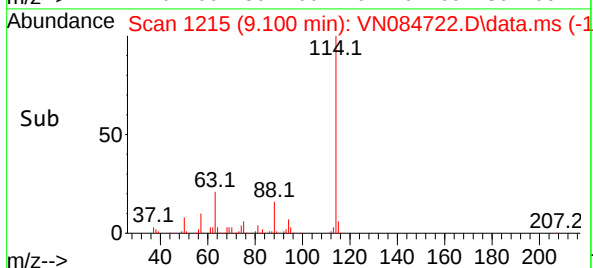
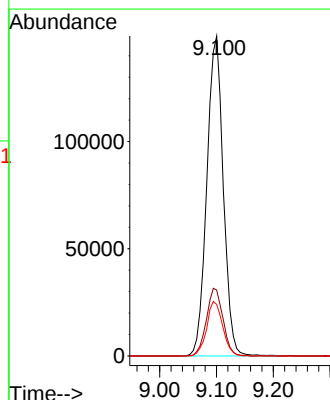
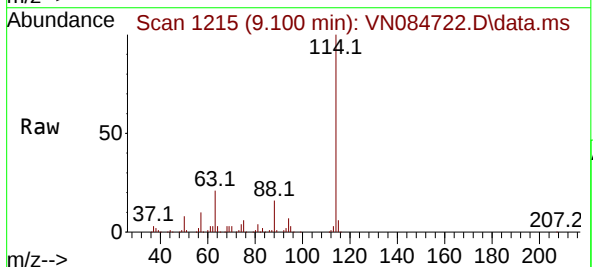
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 120919
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

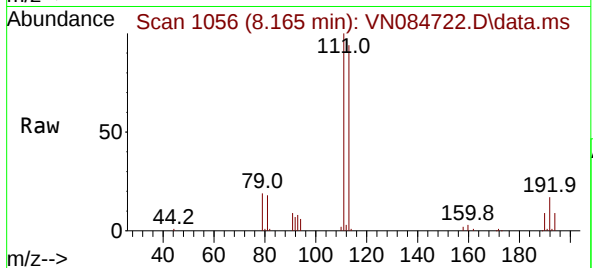
Tgt Ion: 114 Resp: 299451
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 16.1 0.0 31.6



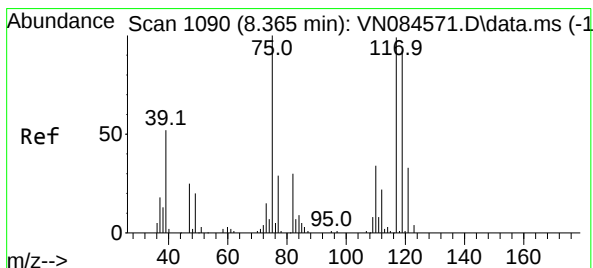
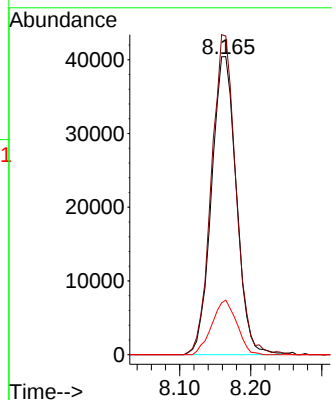
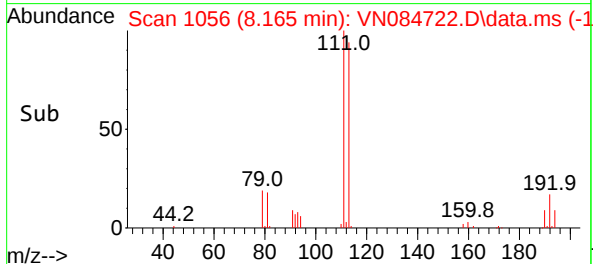


#35
Dibromofluoromethane
Concen: 48.335 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

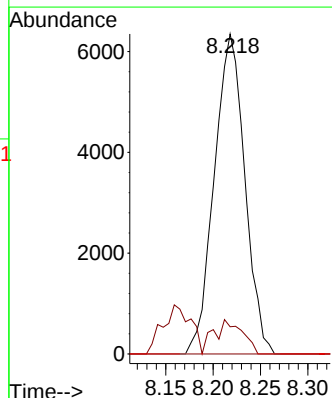
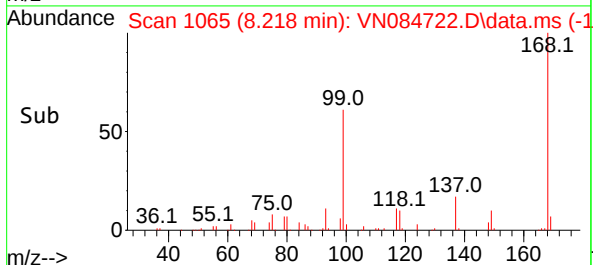
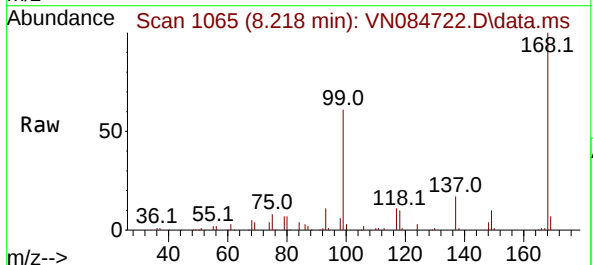


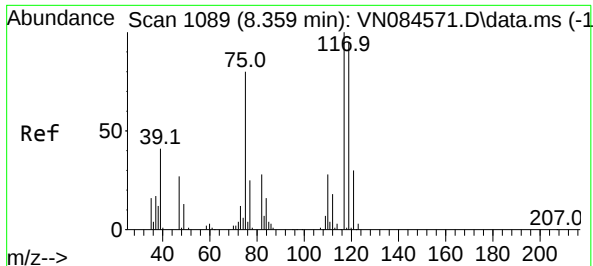
Tgt Ion:113 Resp: 97972
Ion Ratio Lower Upper
113 100
111 105.7 83.3 124.9
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

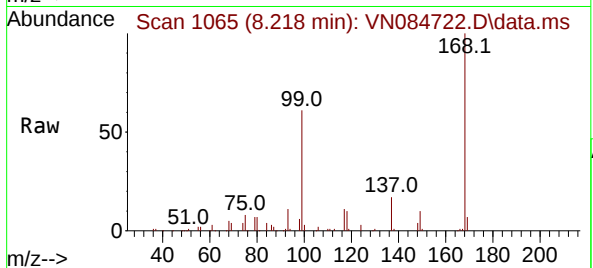
Tgt Ion: 75 Resp: 14234
Ion Ratio Lower Upper
75 100
110 10.0 16.9 50.7#
77 0.0 24.7 37.1#



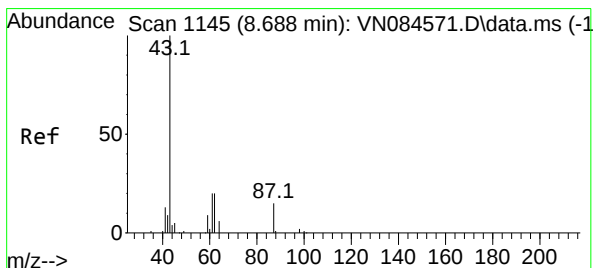
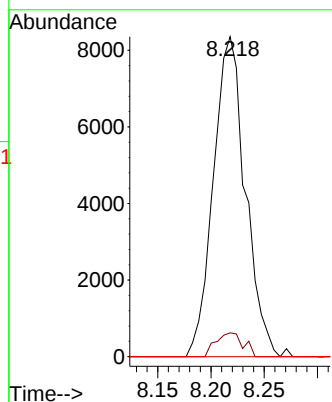
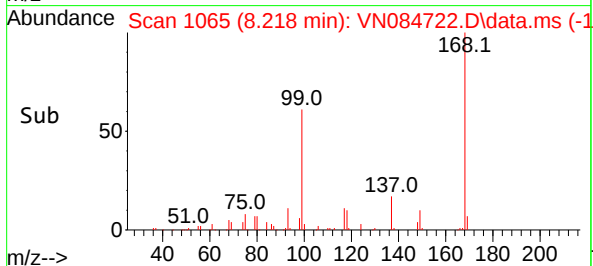


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

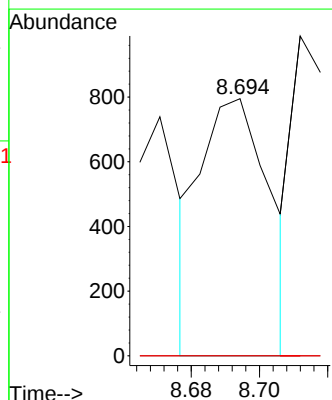
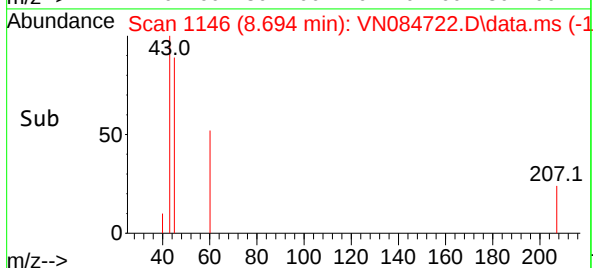
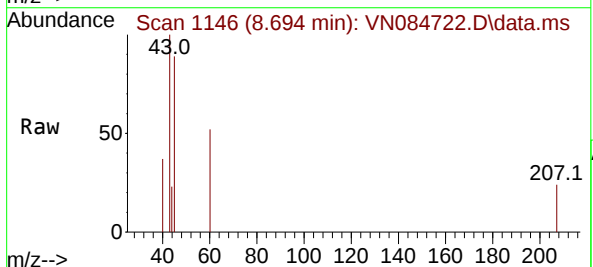


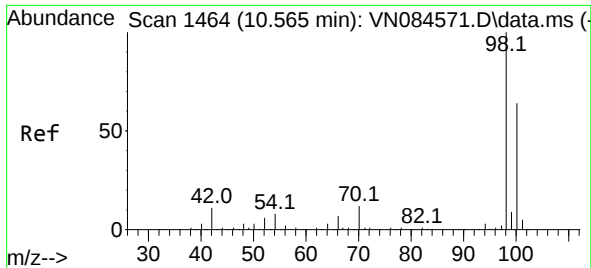
Tgt Ion:117 Resp: 17427
Ion Ratio Lower Upper
117 100
119 7.5 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

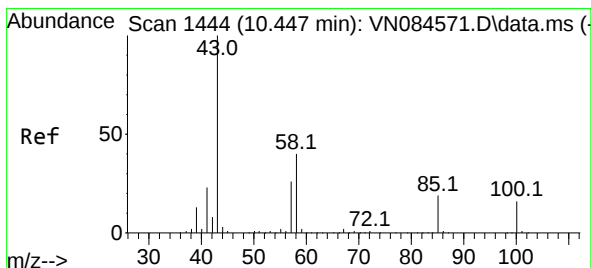
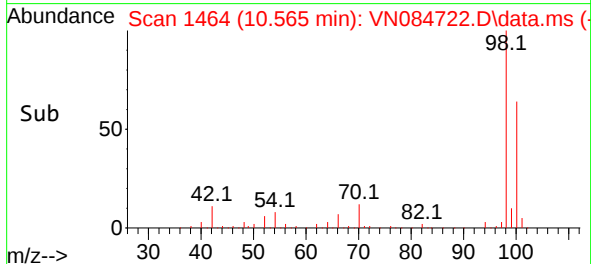
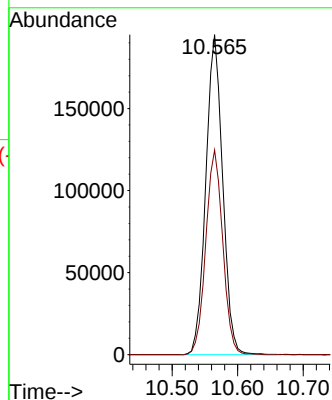
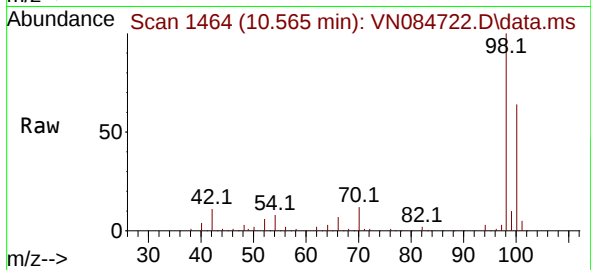




#50
Toluene-d8
Concen: 46.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

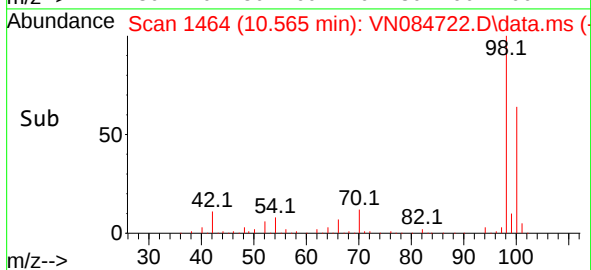
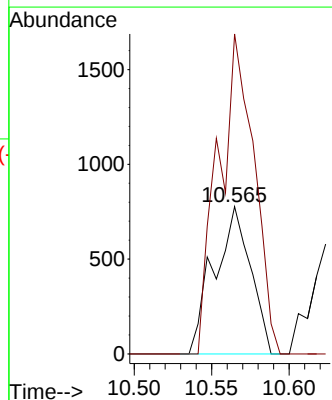
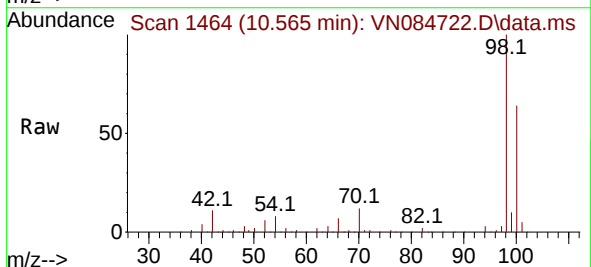
Instrument :
MSVOA_N
ClientSampleId :

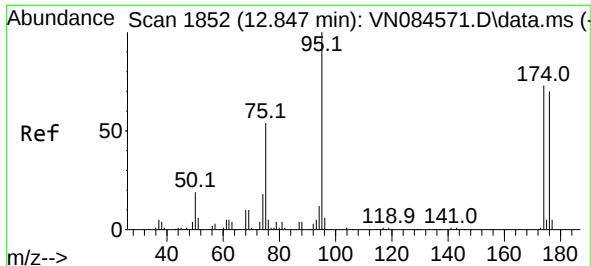
Tgt Ion: 98 Resp: 349199
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 212.5 31.6 47.4#

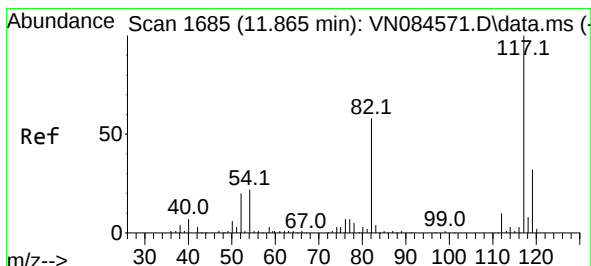
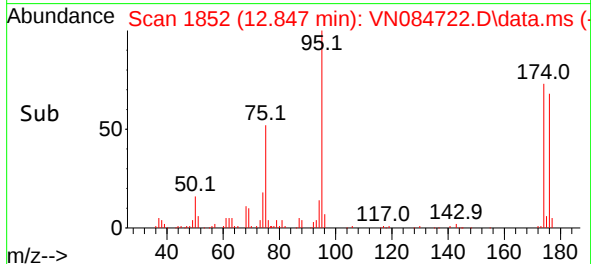
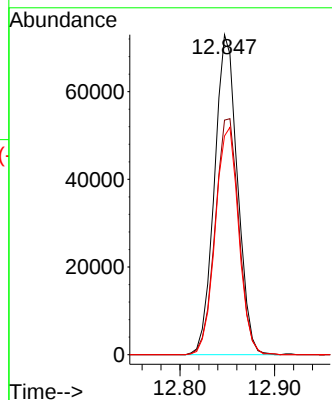
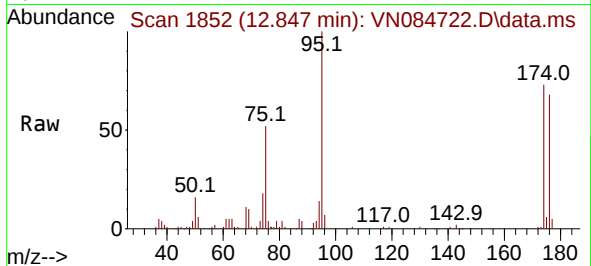




#62
4-Bromofluorobenzene
Concen: 44.264 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

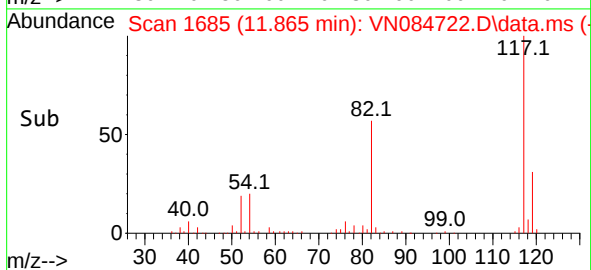
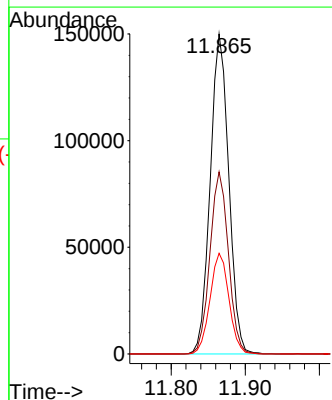
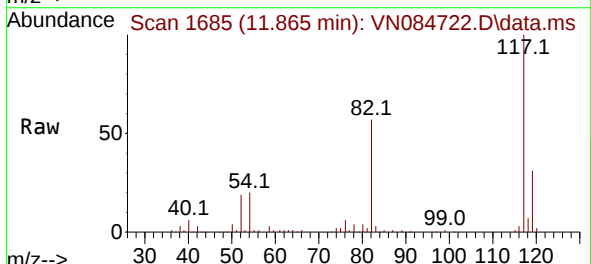
Instrument :
MSVOA_N
ClientSampleId :

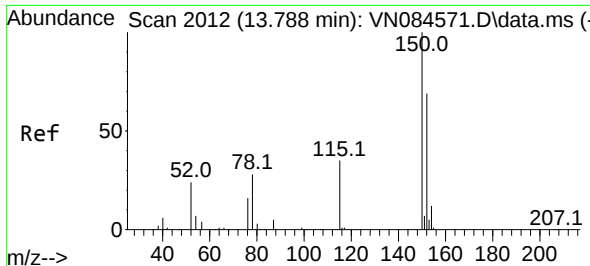
Tgt Ion: 95 Resp: 123519
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.2
176 72.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

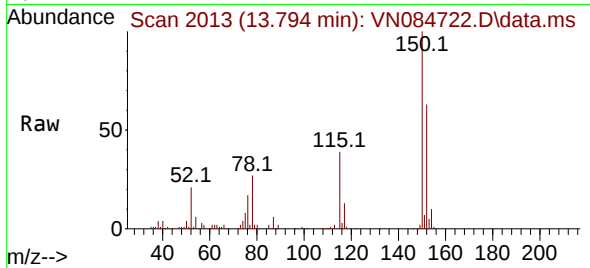
Tgt Ion: 117 Resp: 260669
Ion Ratio Lower Upper
117 100
82 56.9 47.2 70.8
119 31.5 25.4 38.0



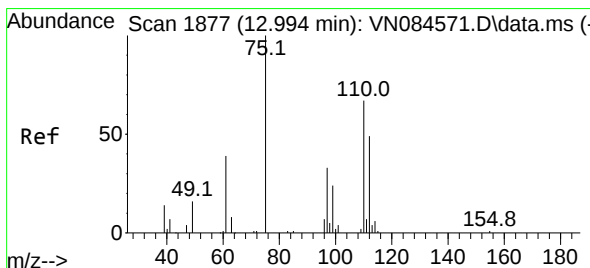
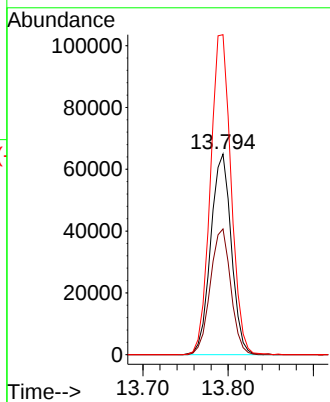
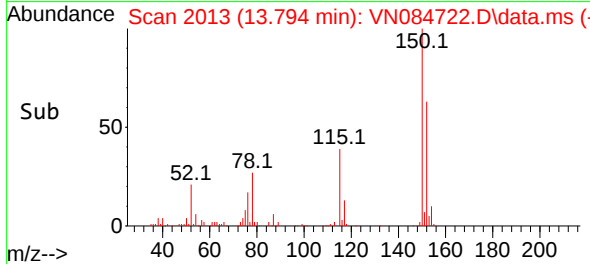


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

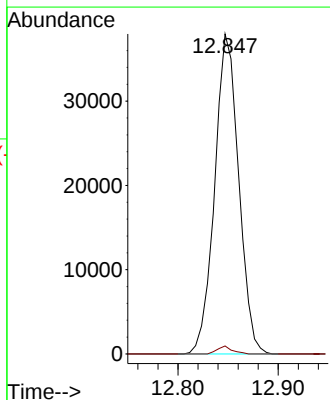
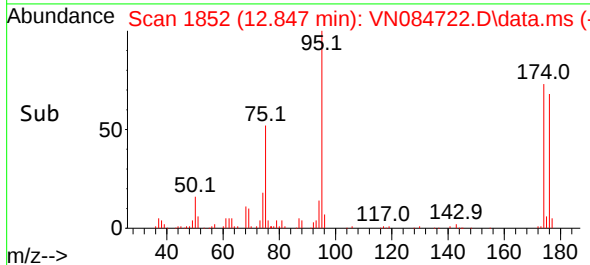
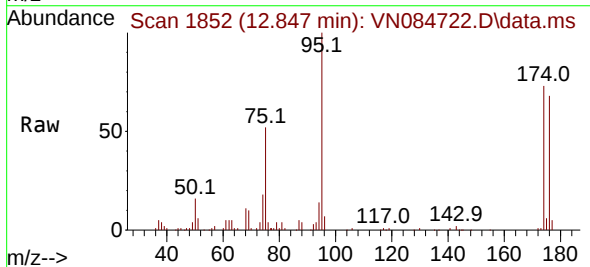


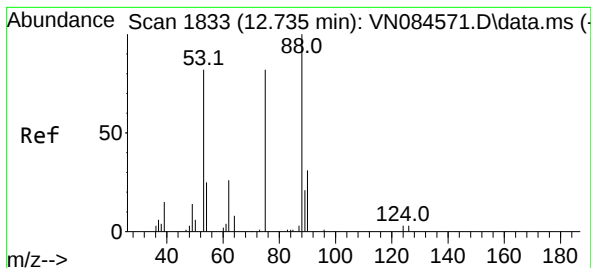
Tgt Ion:152 Resp: 109041
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.9
150 160.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.987 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion: 75 Resp: 63183
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#

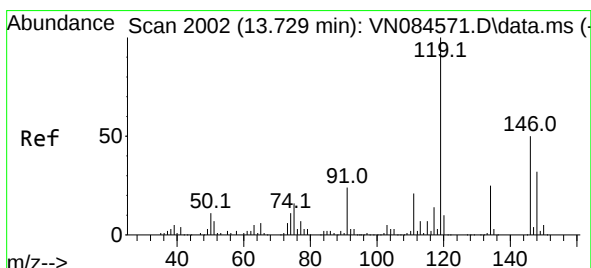
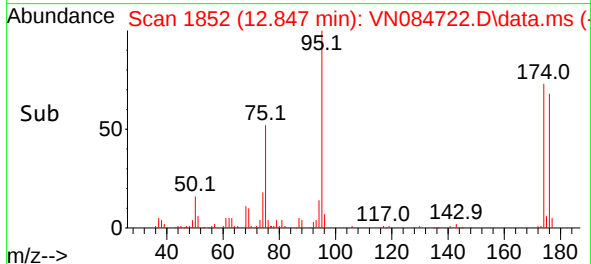
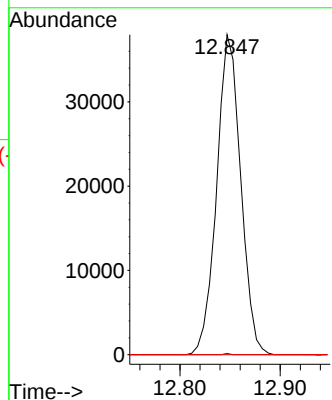
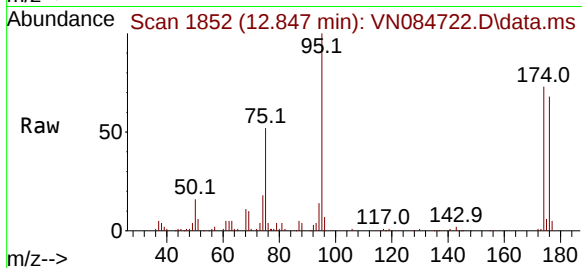




#81
trans-1,4-Dichloro-2-butene
Concen: 68.770 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

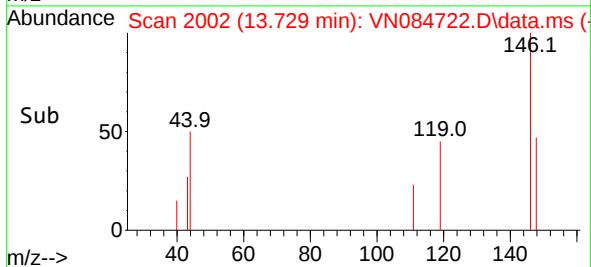
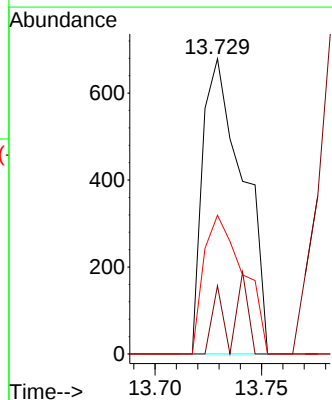
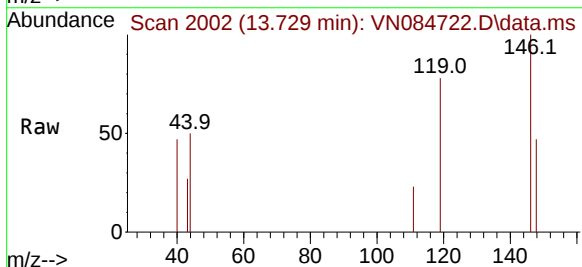
Instrument :
MSVOA_N
ClientSampleId :

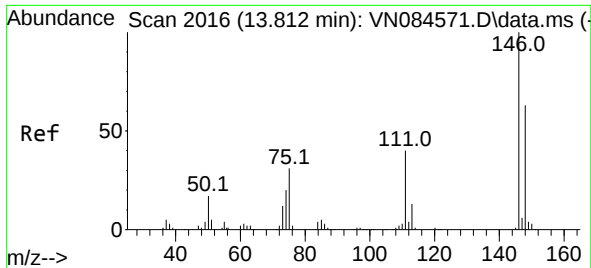
Tgt Ion: 75 Resp: 63183
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#



#87
1,3-Dichlorobenzene
Concen: 0.222 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

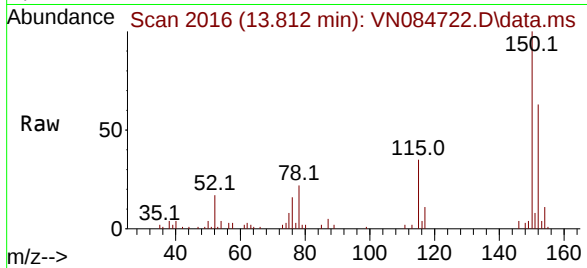
Tgt Ion:146 Resp: 891
Ion Ratio Lower Upper
146 100
111 0.0 21.8 65.3#
148 46.5 31.9 95.7



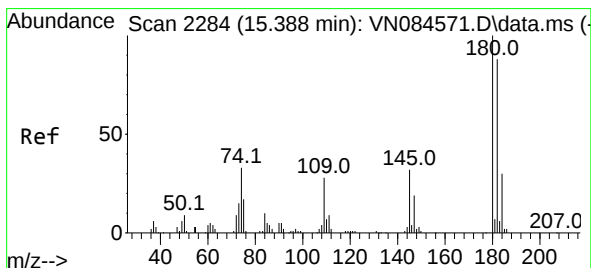
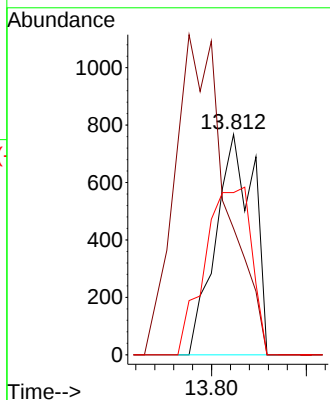
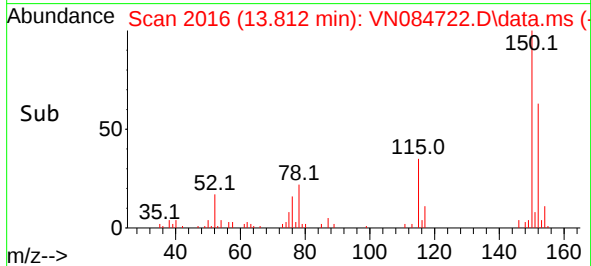


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

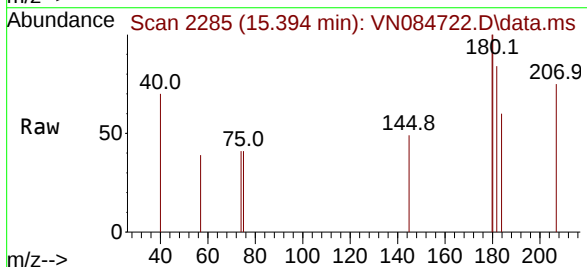
Instrument :
MSVOA_N
ClientSampleId :



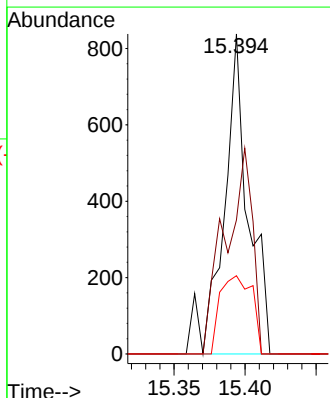
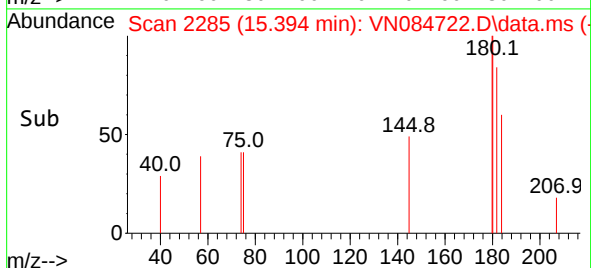
Tgt Ion:146 Resp: 1069
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 93.4 31.9 95.9

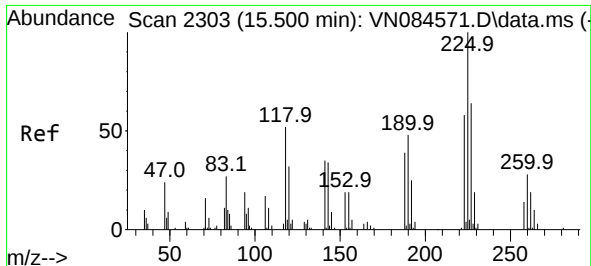


#93
1,2,4-Trichlorobenzene
Concen: 0.479 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33



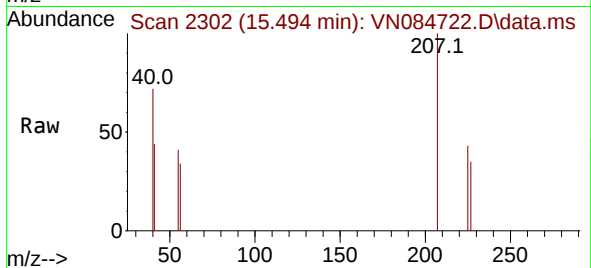
Tgt Ion:180 Resp: 1009
Ion Ratio Lower Upper
180 100
182 71.6 47.0 141.0
145 31.7 16.4 49.4



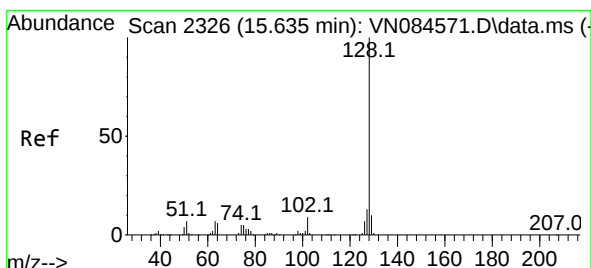
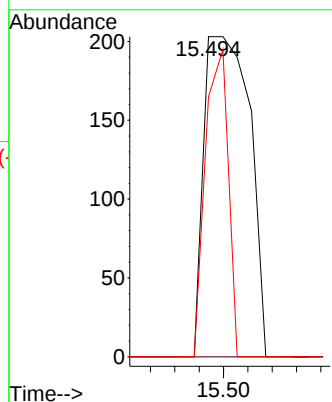
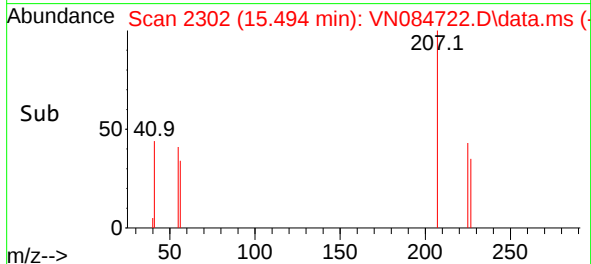


#94
Hexachlorobutadiene
Concen: 0.286 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

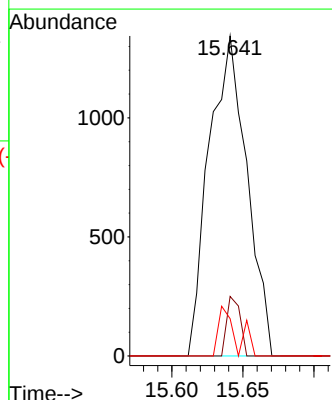
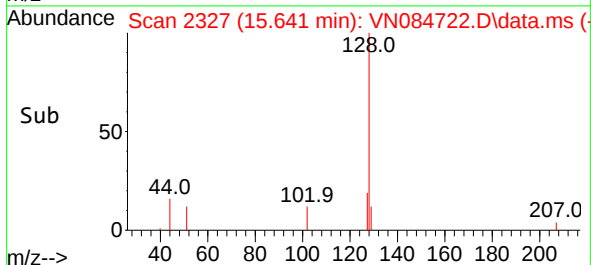
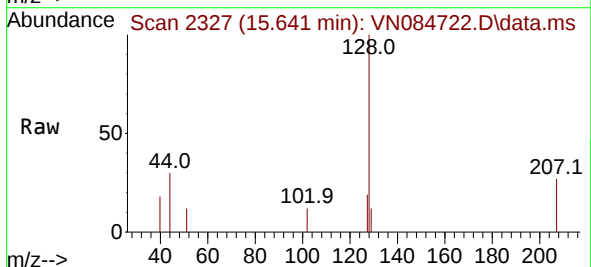


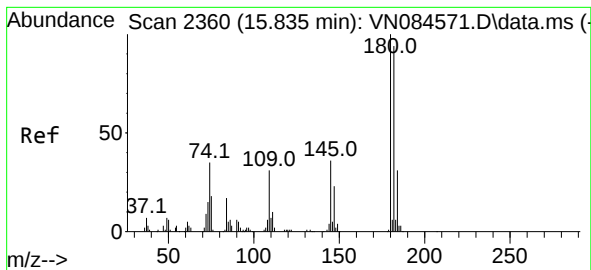
Tgt Ion:225 Resp: 265
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 47.9 32.4 97.0



#95
Naphthalene
Concen: 0.395 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084722.D
Acq: 07 Nov 2024 15:33

Tgt Ion:128 Resp: 2492
Ion Ratio Lower Upper
128 100
127 6.5 10.5 15.7#
129 7.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.312 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084722.D
 Acq: 07 Nov 2024 15:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180 Resp: 638
 Ion Ratio Lower Upper
 180 100
 182 78.5 48.2 144.6
 145 22.3 17.3 51.9

