

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084725.D
 Acq On : 07 Nov 2024 16:45
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:29:10 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)

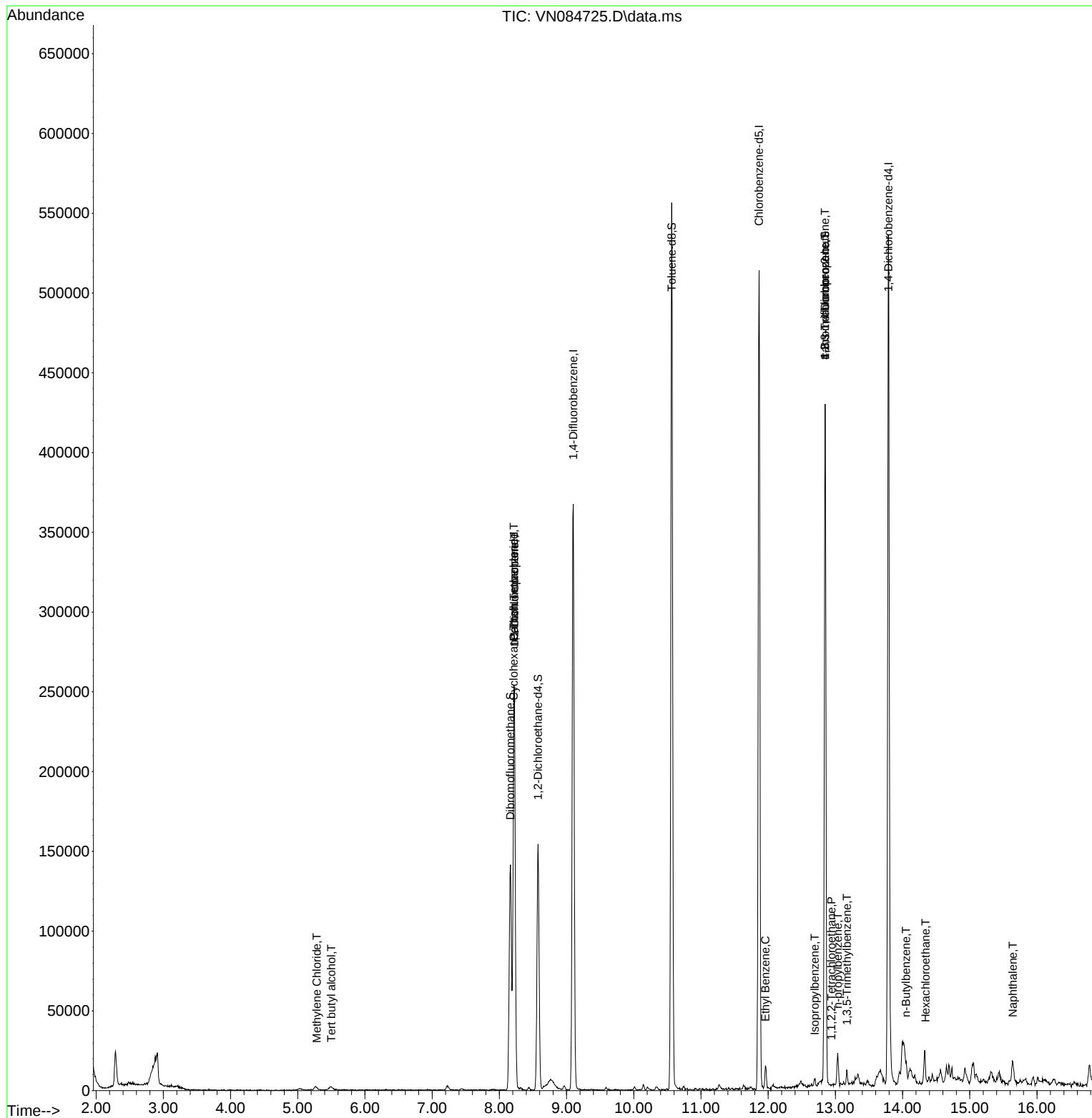
Internal Standards						
1) Pentafluorobenzene	8.218	168	183285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126157	47.656	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.320%		
35) Dibromofluoromethane	8.165	113	103897	47.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.960%		
50) Toluene-d8	10.565	98	378616	46.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.847	95	153696	51.020	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.040%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	554	Below Cal	#	41
6) Chloroethane	3.089	64	178	Below Cal	#	45
11) Tert butyl alcohol	5.500	59	2454	7.023	ug/l #	73
16) Acetone	4.459	43	76	Below Cal	#	44
18) Methyl Acetate	5.012	43	926	Below Cal	#	80
20) Methylene Chloride	5.283	84	975	0.419	ug/l #	55
31) Cyclohexane	8.212	56	4249	1.163	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	14869	4.900	ug/l #	49
38) Carbon Tetrachloride	8.218	117	19561	5.767	ug/l #	13
43) Isopropyl Acetate	8.694	43	3322	Below Cal	#	56
67) Ethyl Benzene	11.959	91	11468	1.038	ug/l	96
73) Isopropylbenzene	12.694	105	3511	0.358	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	684	0.209	ug/l #	95
76) 1,2,3-Trichloropropane	12.847	75	76266	27.291	ug/l #	1
78) n-propylbenzene	13.035	91	15311	1.334	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	4442	0.547	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	76266	64.745	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	546	Below Cal	#	24
89) n-Butylbenzene	14.053	91	5817	0.799	ug/l #	74
90) Hexachloroethane	14.341	117	1345	0.775	ug/l #	15
95) Naphthalene	15.641	128	12444	1.538	ug/l #	92

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

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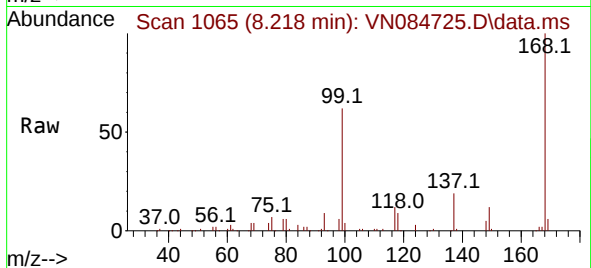
Quant Time: Nov 08 00:29:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



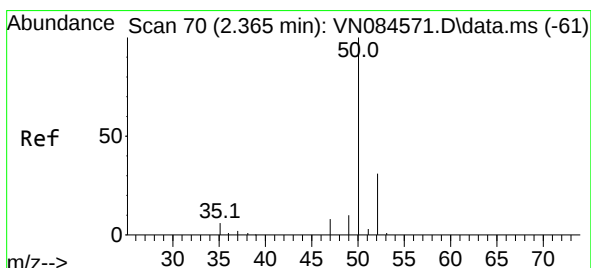
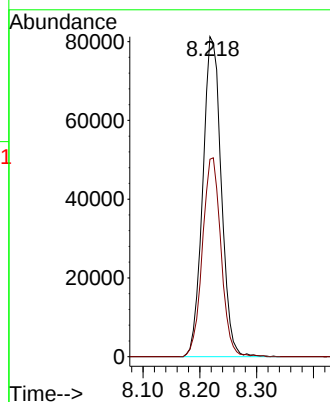
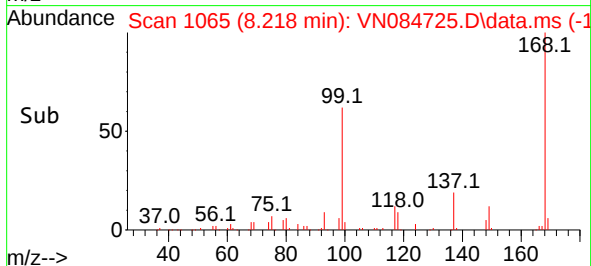


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :

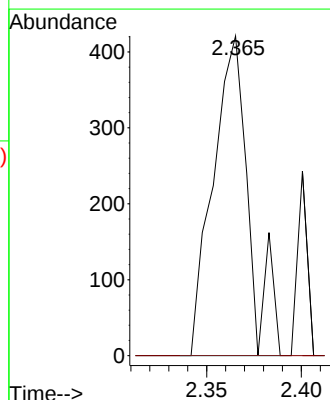
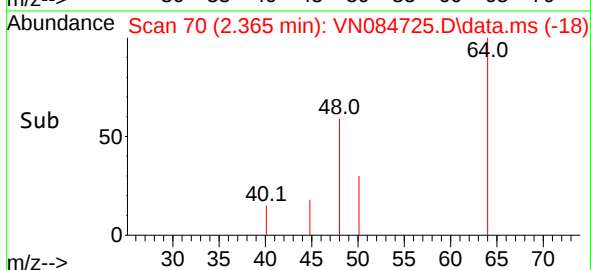
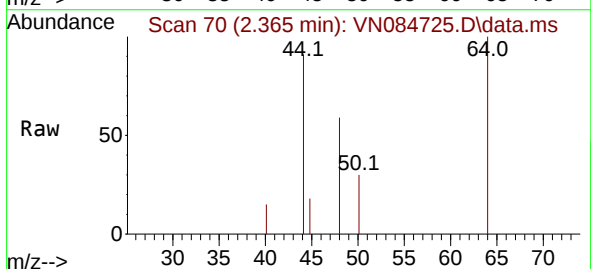


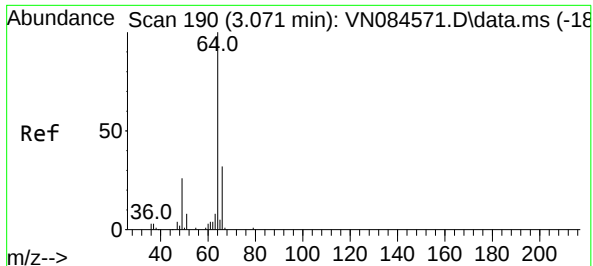
Tgt Ion:168 Resp: 183285
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

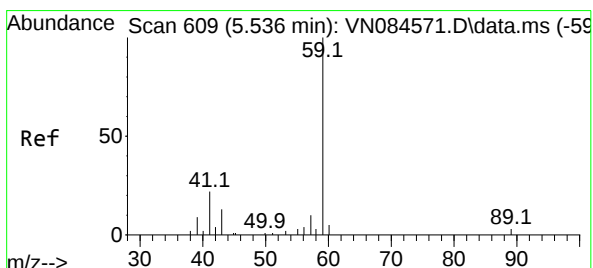
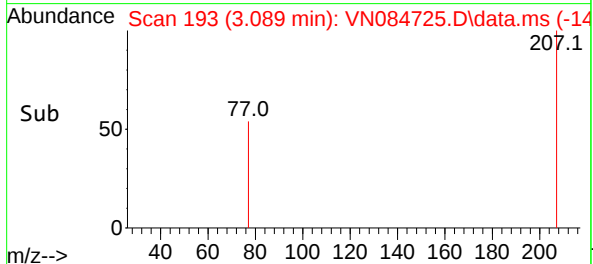
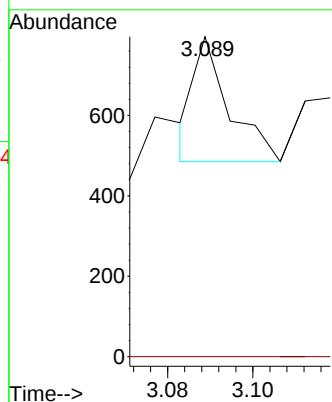
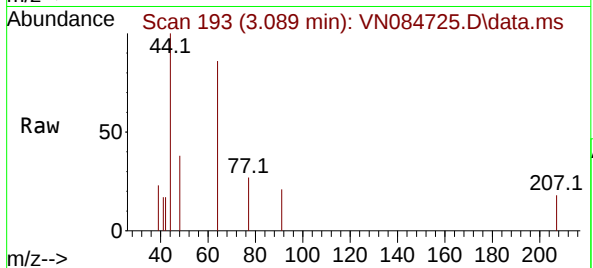




#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 190
Delta R.T. -0.029 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

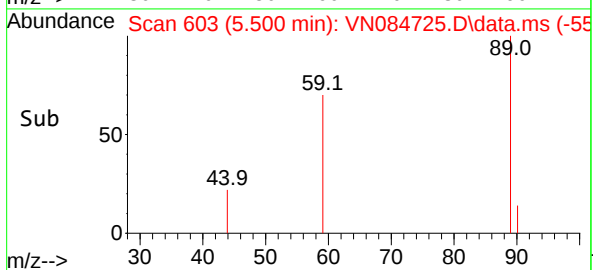
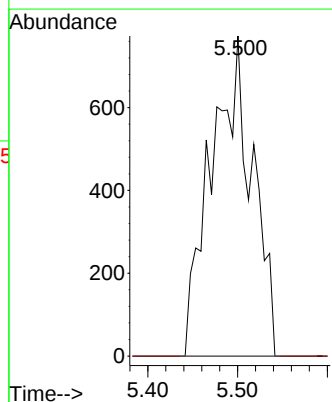
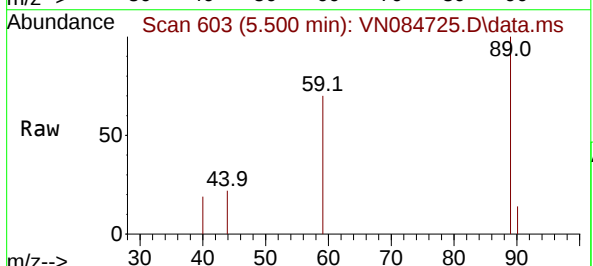
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 178
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.023 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.024 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion: 59 Resp: 2454
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

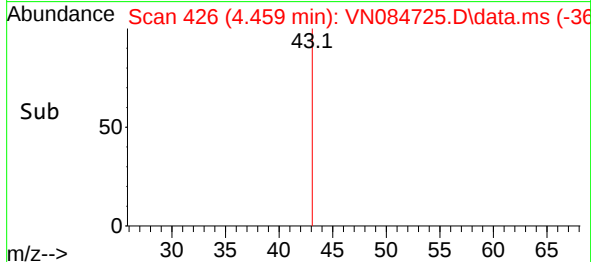
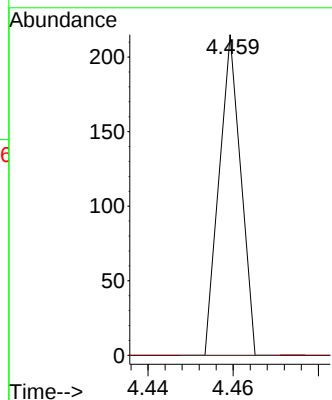
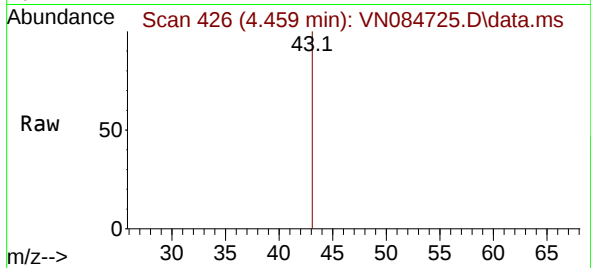




#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

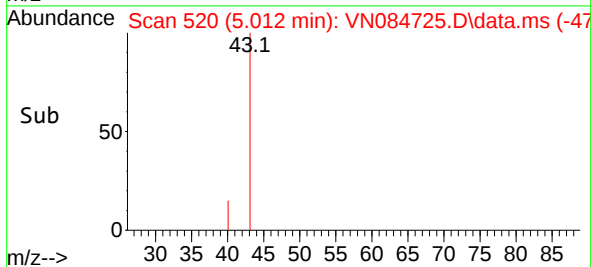
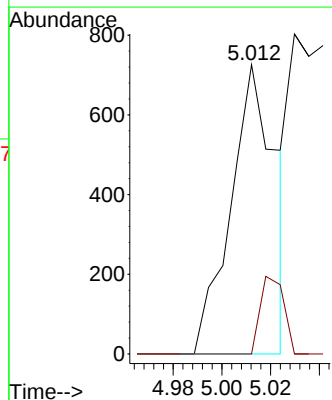
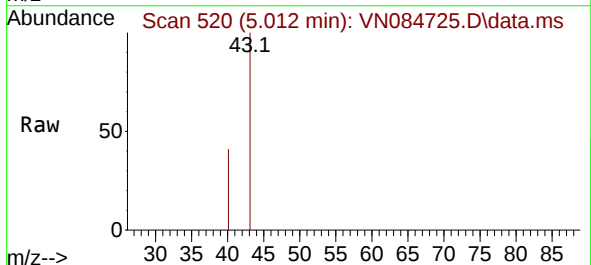
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

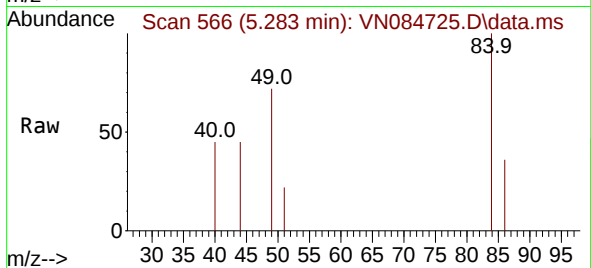
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
74 14.0 19.2 28.8#



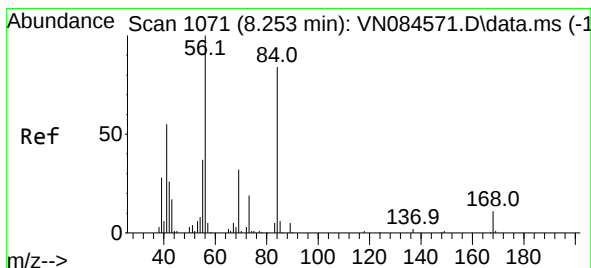
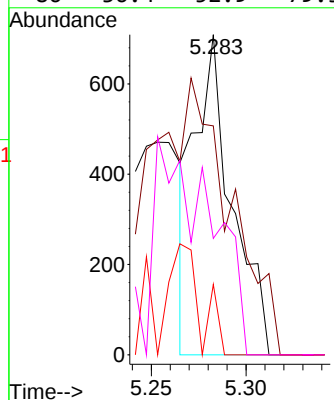


#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :

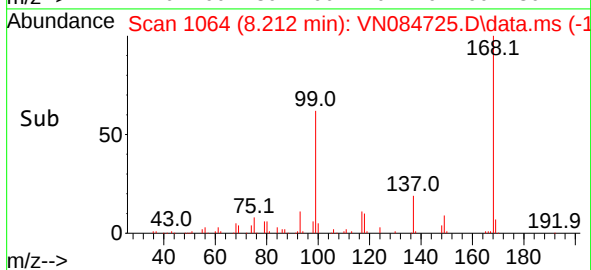
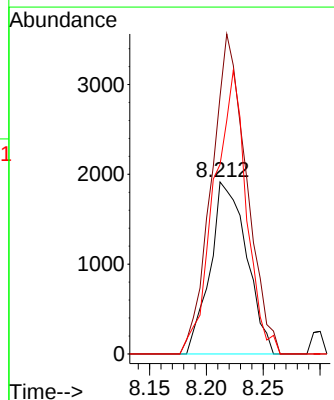
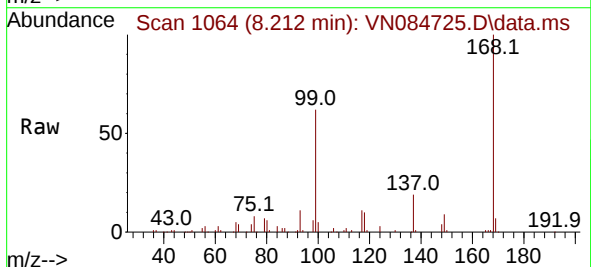


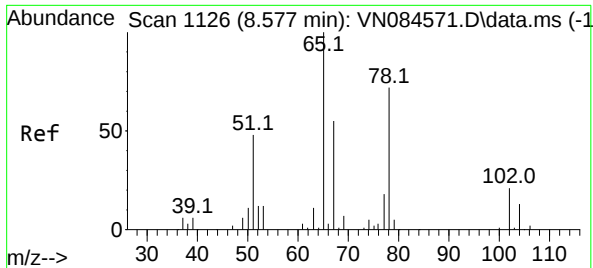
Tgt Ion:	84	Resp:	975
Ion	Ratio	Lower	Upper
84	100		
49	71.5	107.2	160.8#
51	22.0	31.8	47.8#
86	36.4	52.9	79.3#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion:	56	Resp:	4249
Ion	Ratio	Lower	Upper
56	100		
69	149.7	23.8	35.6#
84	110.1	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.656 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

Instrument :

MSVOA_N

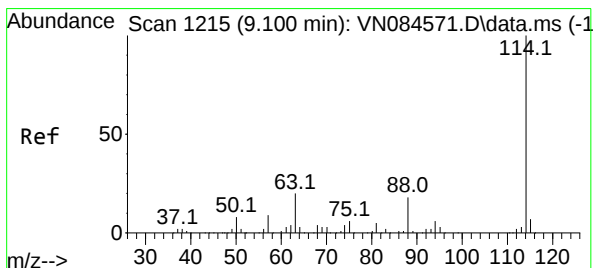
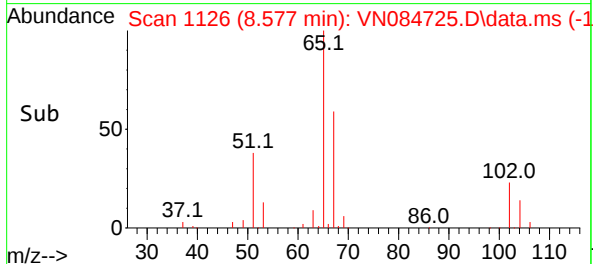
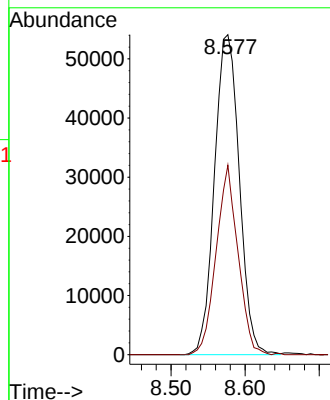
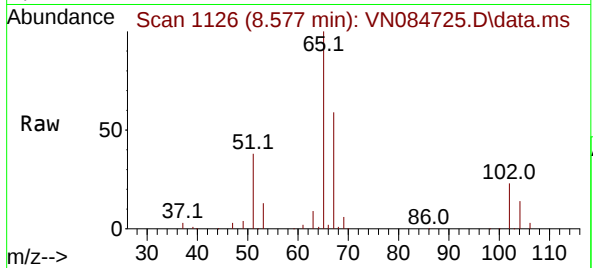
ClientSampleId :

Tgt Ion: 65 Resp: 126157

Ion Ratio Lower Upper

65 100

67 52.1 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: VN084725.D

Acq: 07 Nov 2024 16:45

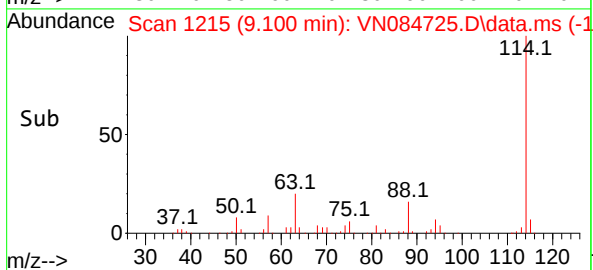
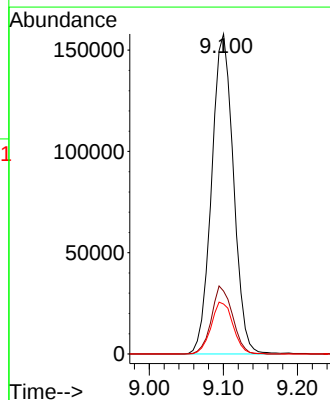
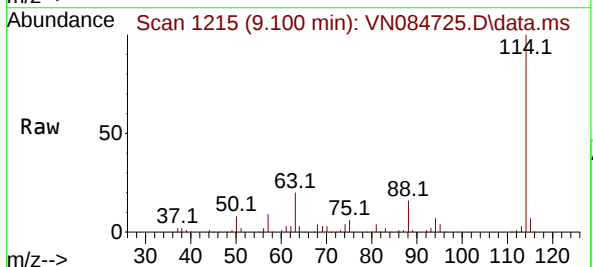
Tgt Ion: 114 Resp: 323271

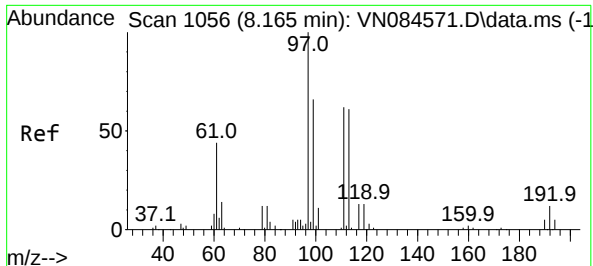
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.8

88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.482 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

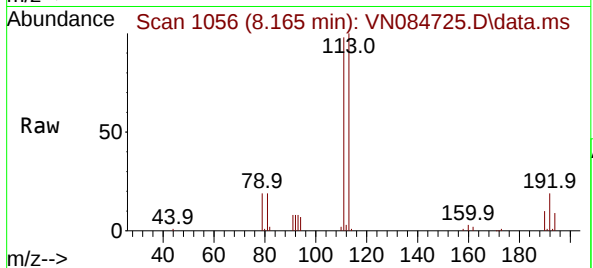
Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :



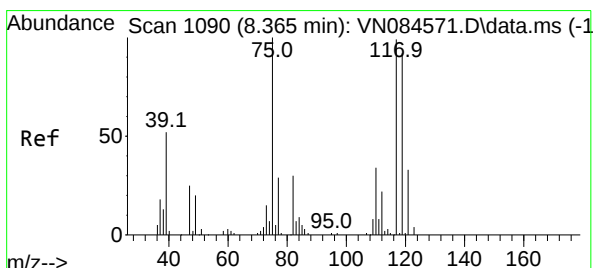
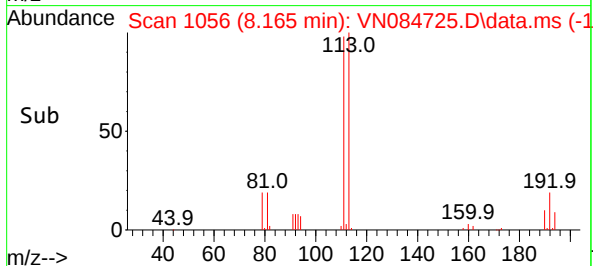
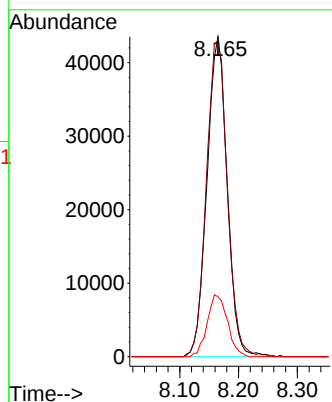
Tgt Ion:113 Resp: 103897

Ion Ratio Lower Upper

113 100

111 102.0 83.3 124.9

192 19.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

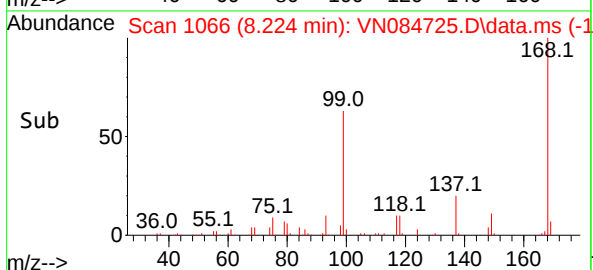
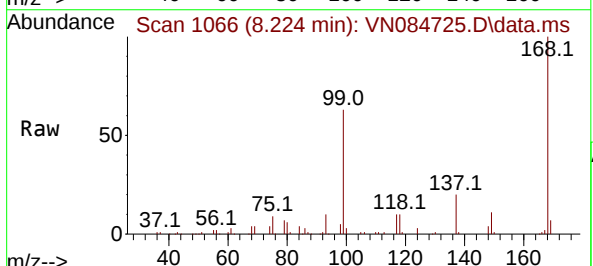
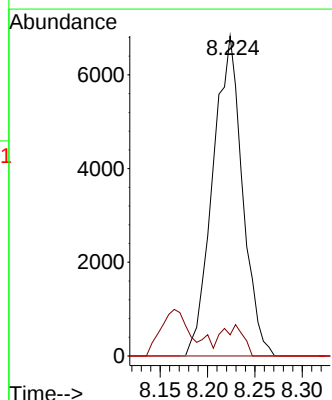
Tgt Ion: 75 Resp: 14869

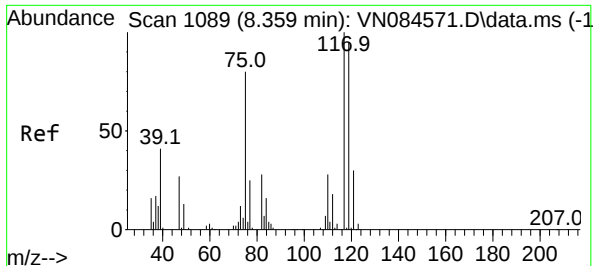
Ion Ratio Lower Upper

75 100

110 7.1 16.9 50.7#

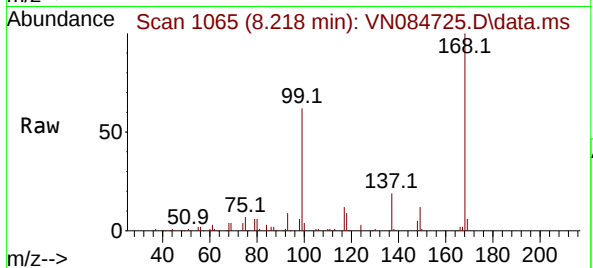
77 0.0 24.7 37.1#



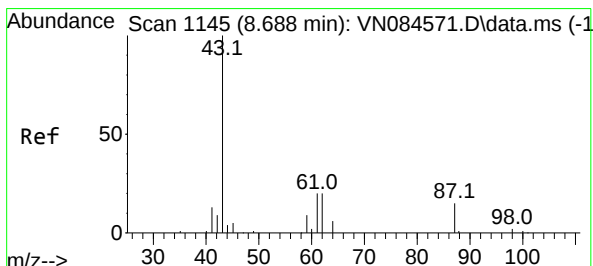
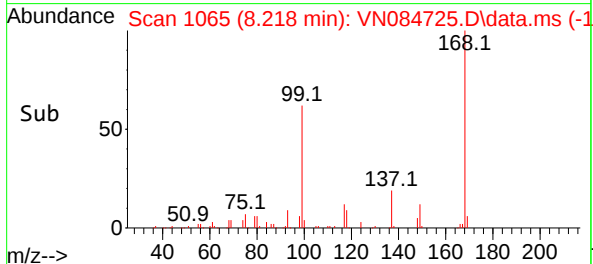
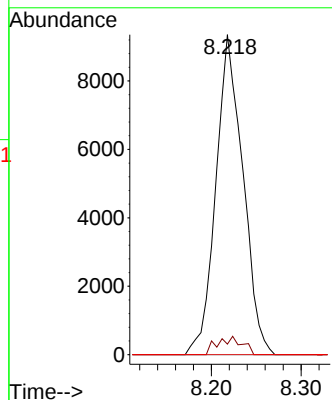


#38
Carbon Tetrachloride
Concen: 5.767 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :

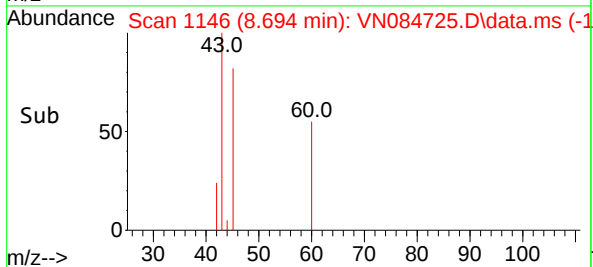
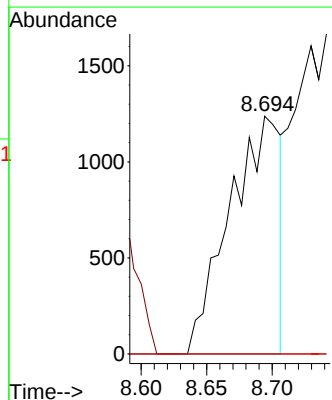
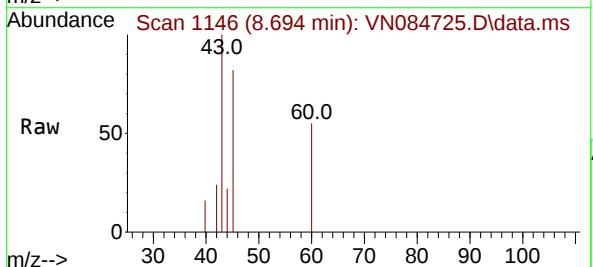


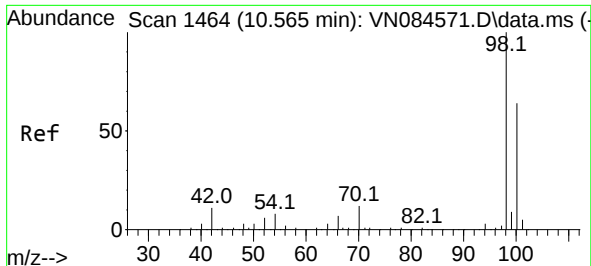
Tgt Ion:117 Resp: 19561
Ion Ratio Lower Upper
117 100
119 3.3 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion: 43 Resp: 3322
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

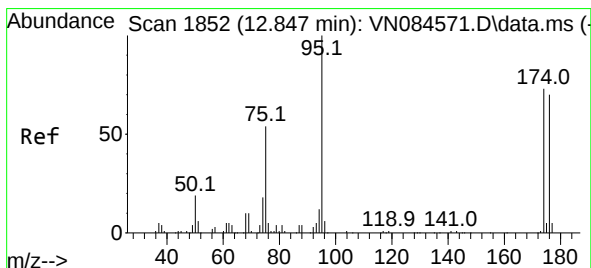
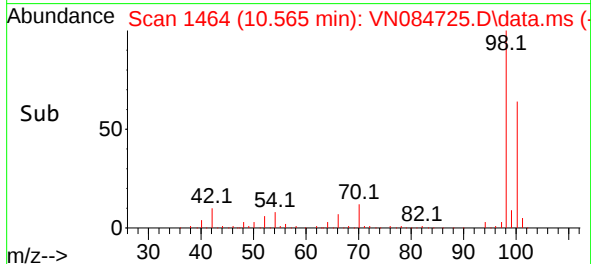
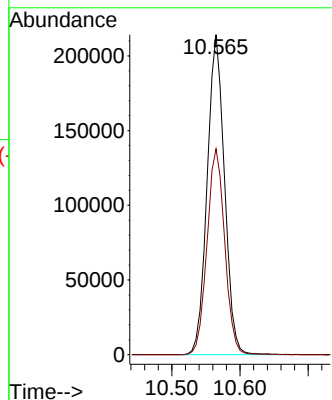
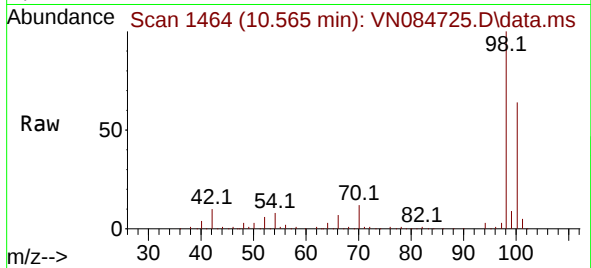




#50
Toluene-d8
Concen: 46.972 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

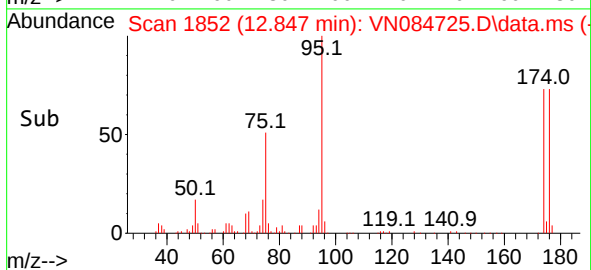
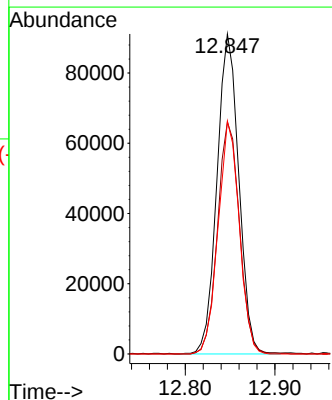
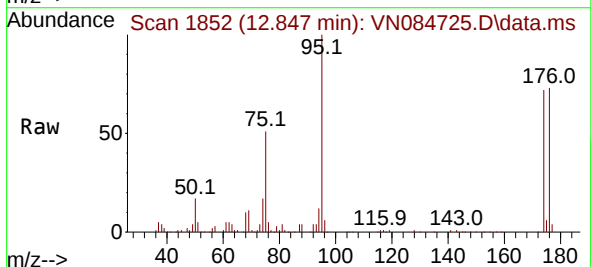
Instrument :
MSVOA_N
ClientSampleId :

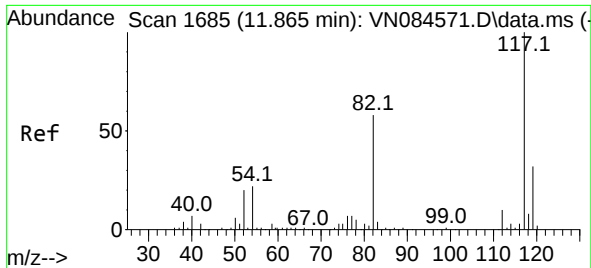
Tgt Ion: 98 Resp: 378616
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

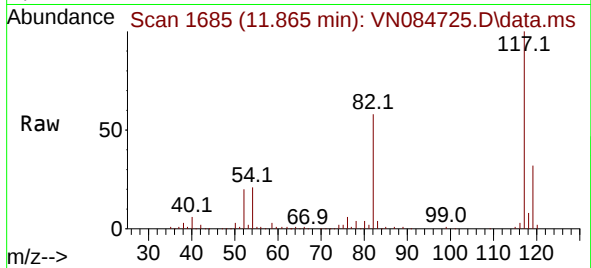
Tgt Ion: 95 Resp: 153696
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 70.4 0.0 140.0



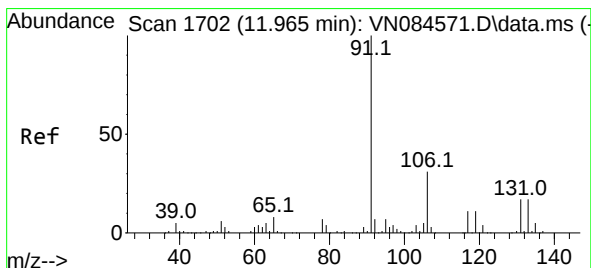
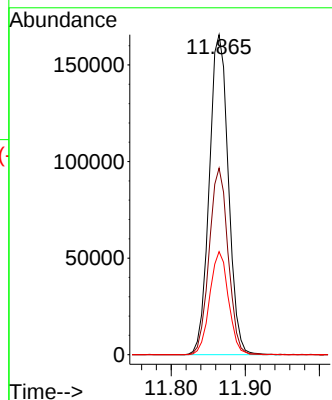
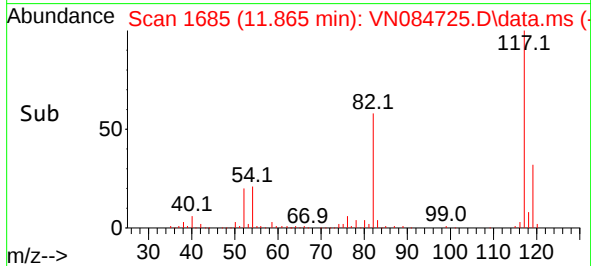


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :

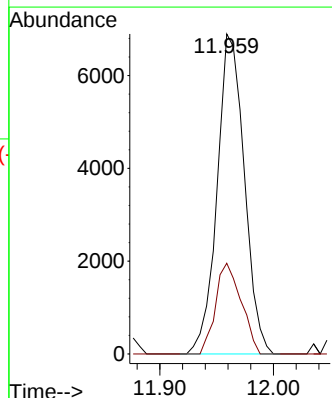
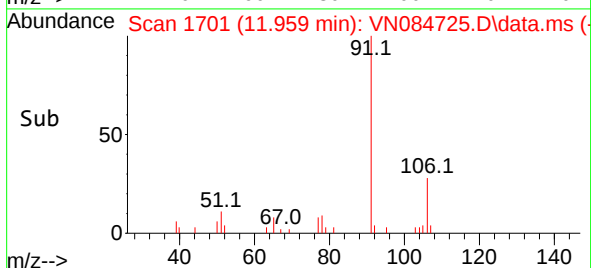
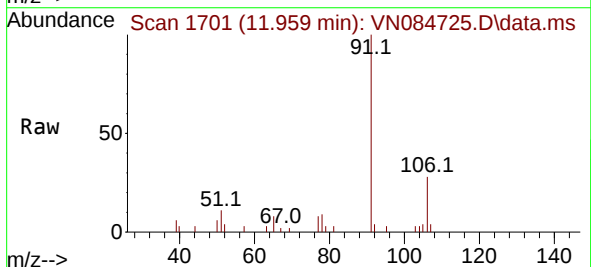


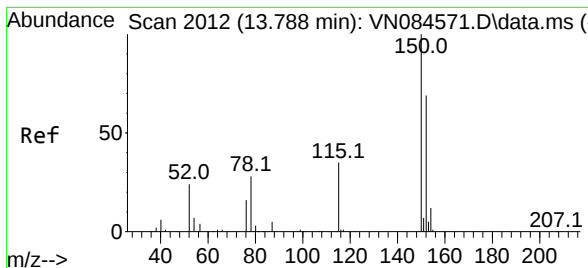
Tgt Ion:117 Resp: 295746
Ion Ratio Lower Upper
117 100
82 58.3 47.2 70.8
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 1.038 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion: 91 Resp: 11468
Ion Ratio Lower Upper
91 100
106 28.3 24.5 36.7

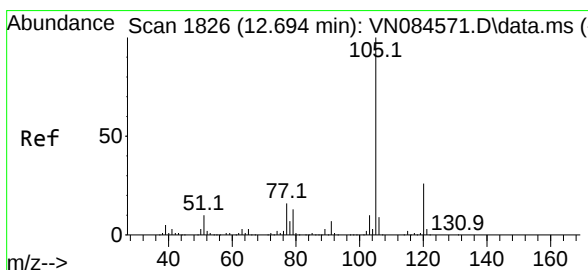
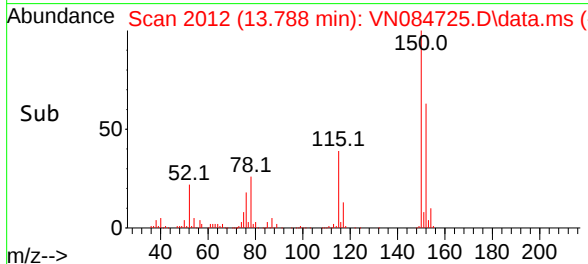
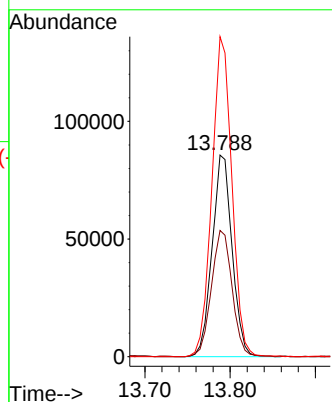
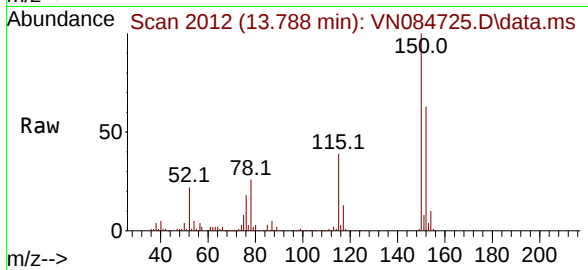




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

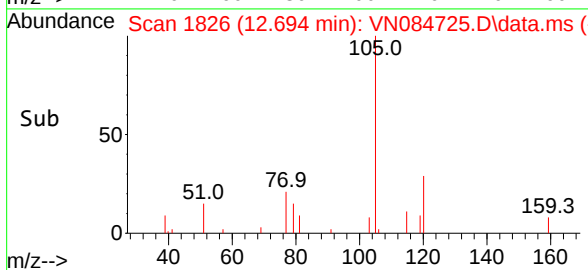
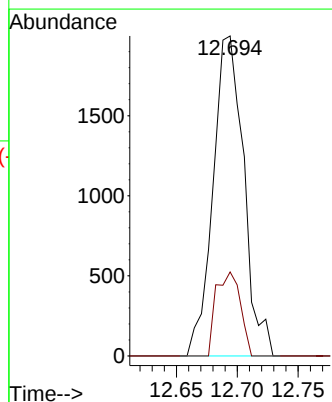
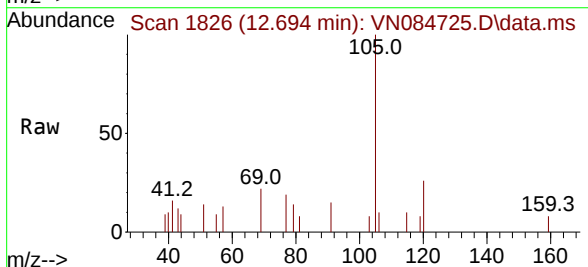
Instrument :
MSVOA_N
ClientSampleId :

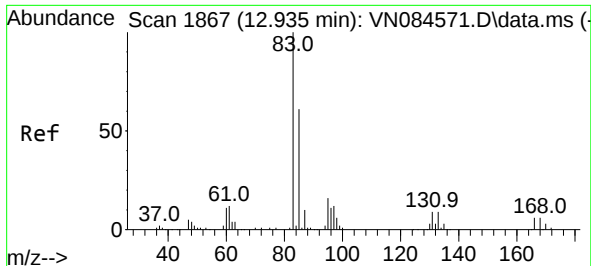
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	31.3	93.9
150	158.6	0.0	349.8



#73
Isopropylbenzene
Concen: 0.358 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	20.6	12.9	38.7

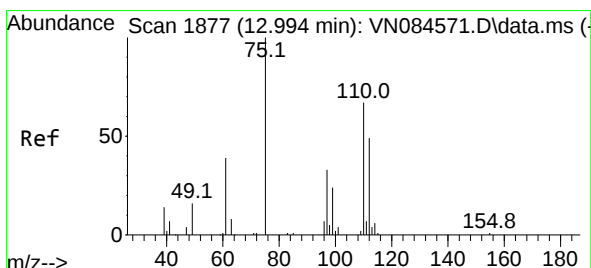
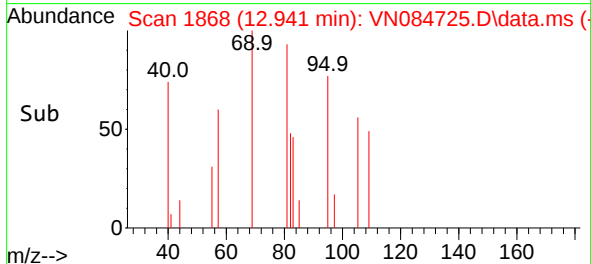
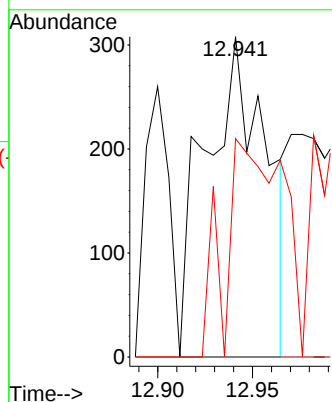
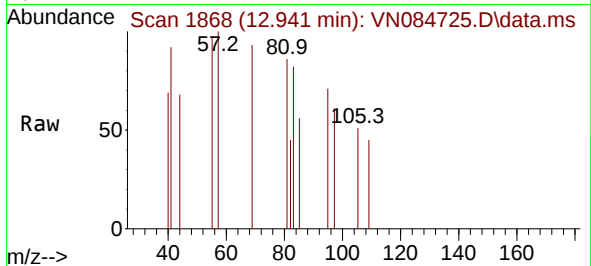




#75
1,1,2,2-Tetrachloroethane
Concen: 0.209 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

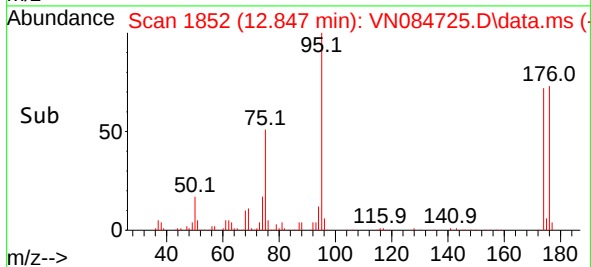
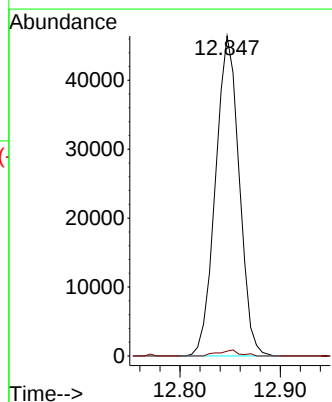
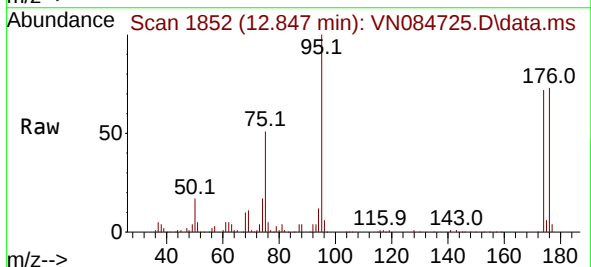
Instrument :
MSVOA_N
ClientSampleId :

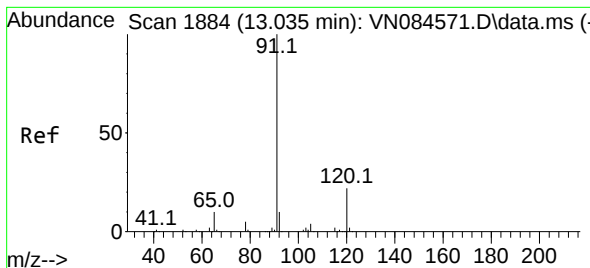
Tgt Ion: 83 Resp: 684
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 65.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.291 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084725.D
Acq: 07 Nov 2024 16:45

Tgt Ion: 75 Resp: 76266
Ion Ratio Lower Upper
75 100
77 1.7 96.9 290.7#





#78

n-propylbenzene

Concen: 1.334 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

Instrument :

MSVOA_N

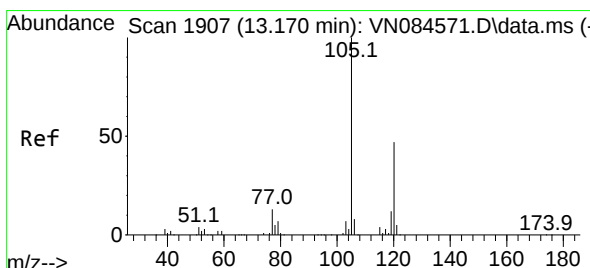
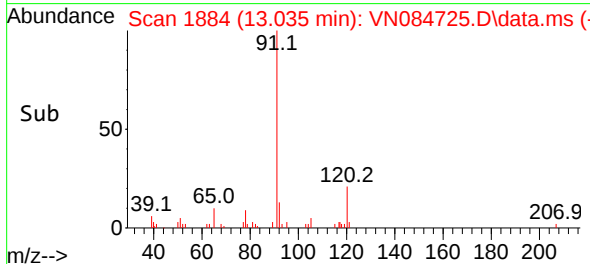
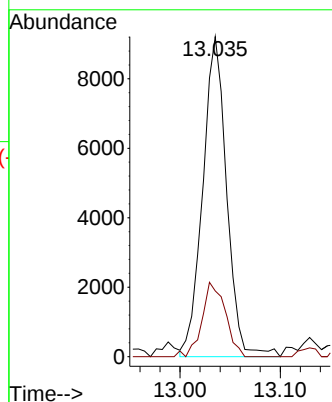
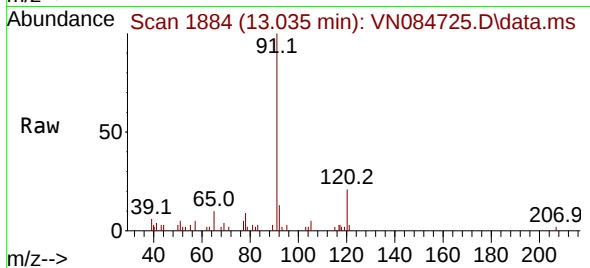
ClientSampleId :

Tgt Ion: 91 Resp: 15311

Ion Ratio Lower Upper

91 100

120 22.6 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 0.547 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084725.D

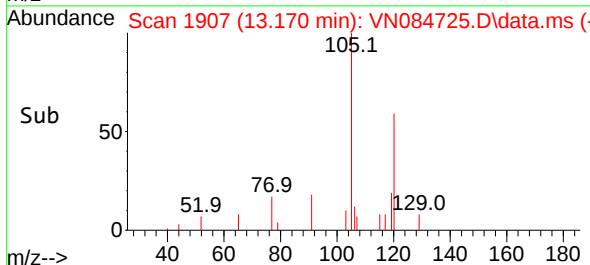
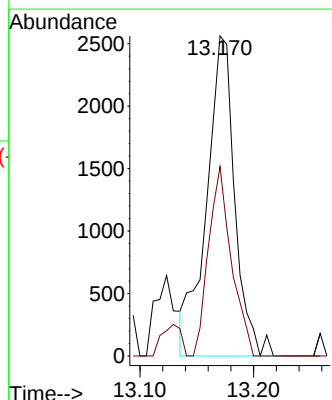
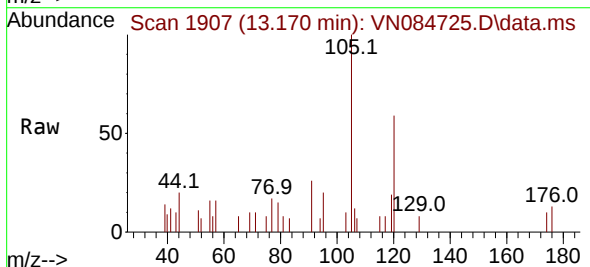
Acq: 07 Nov 2024 16:45

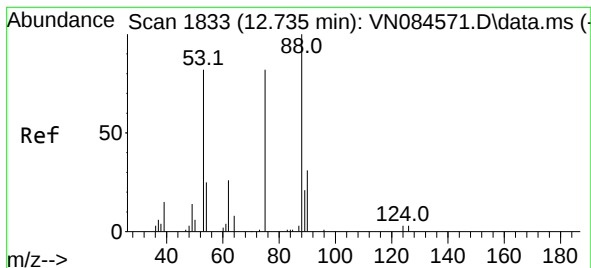
Tgt Ion:105 Resp: 4442

Ion Ratio Lower Upper

105 100

120 47.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 64.745 ug/l

RT: 12.847 min Scan# 1833

Delta R.T. 0.112 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

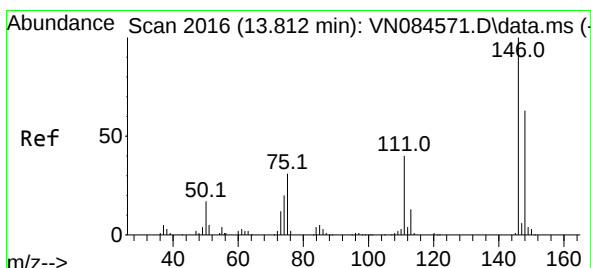
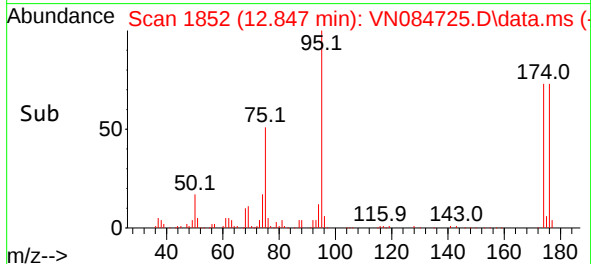
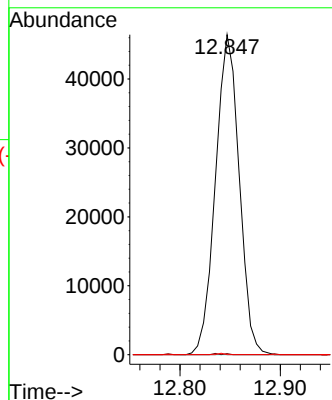
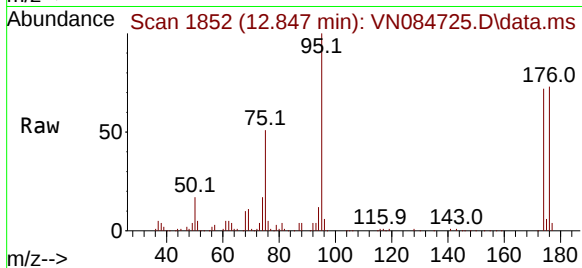
Tgt Ion: 75 Resp: 76266

Ion Ratio Lower Upper

75 100

53 0.2 78.0 117.0#

89 0.1 35.5 53.3#



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

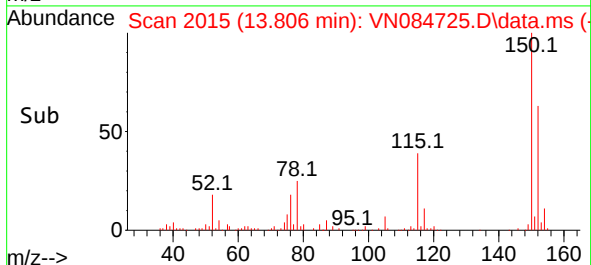
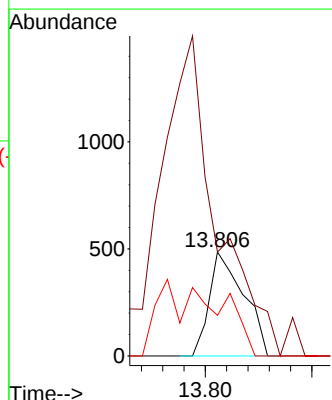
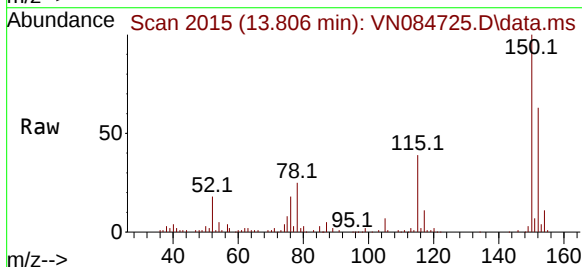
Tgt Ion:146 Resp: 546

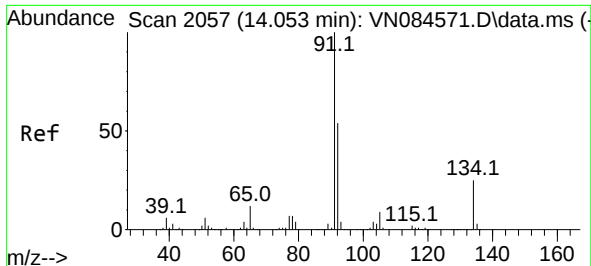
Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#





#89

n-Butylbenzene

Concen: 0.799 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084725.D

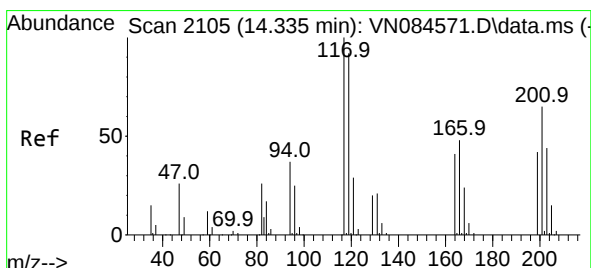
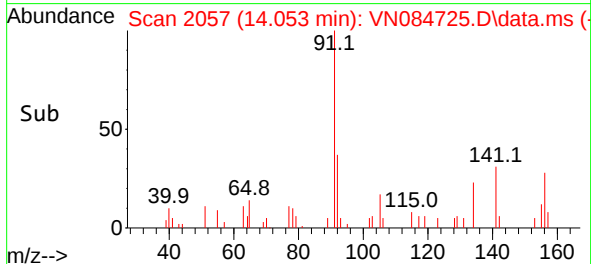
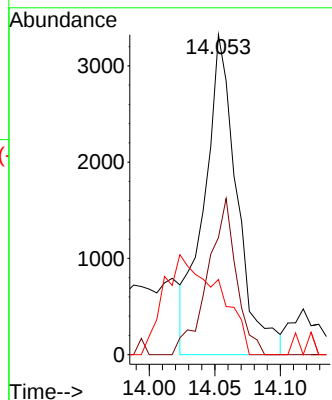
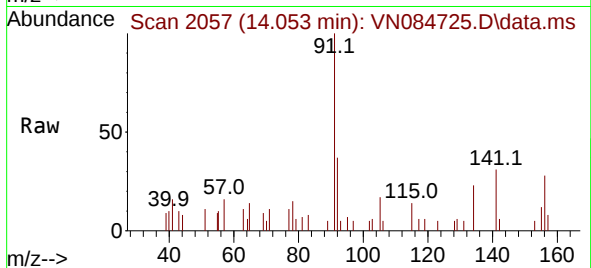
Acq: 07 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	5817
Ion	Ratio	Lower	Upper
91	100		
92	42.4	26.6	79.7
134	0.0	12.3	36.9#



#90

Hexachloroethane

Concen: 0.775 ug/l

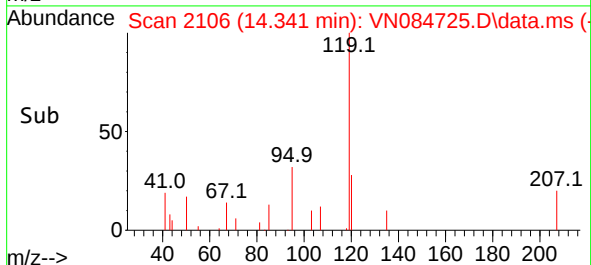
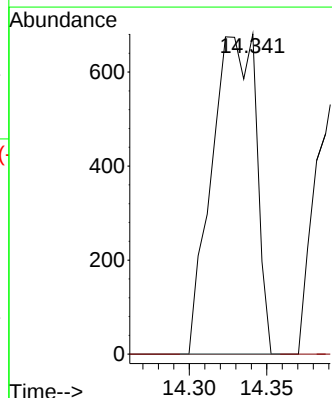
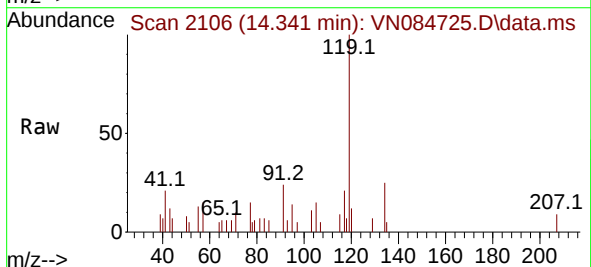
RT: 14.341 min Scan# 2106

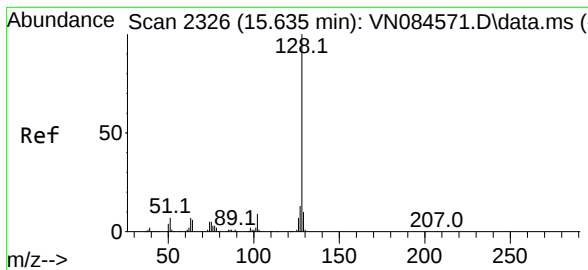
Delta R.T. 0.012 min

Lab File: VN084725.D

Acq: 07 Nov 2024 16:45

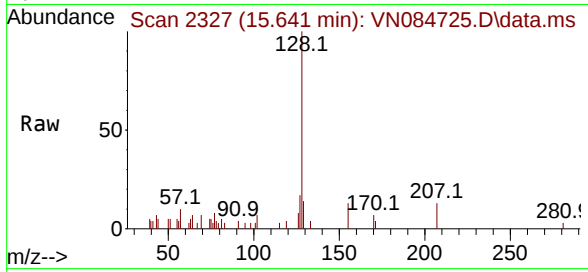
Tgt Ion:	117	Resp:	1345
Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.4	103.2#





#95
 Naphthalene
 Concen: 1.538 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084725.D
 Acq: 07 Nov 2024 16:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	12444
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	16.8	8.7	13.1#

