

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074756.D
 Acq On : 07 Nov 2022 12:48
 Operator : VA/SY
 Sample : N5418-13RE
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-N

Quant Time: Nov 08 00:20:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

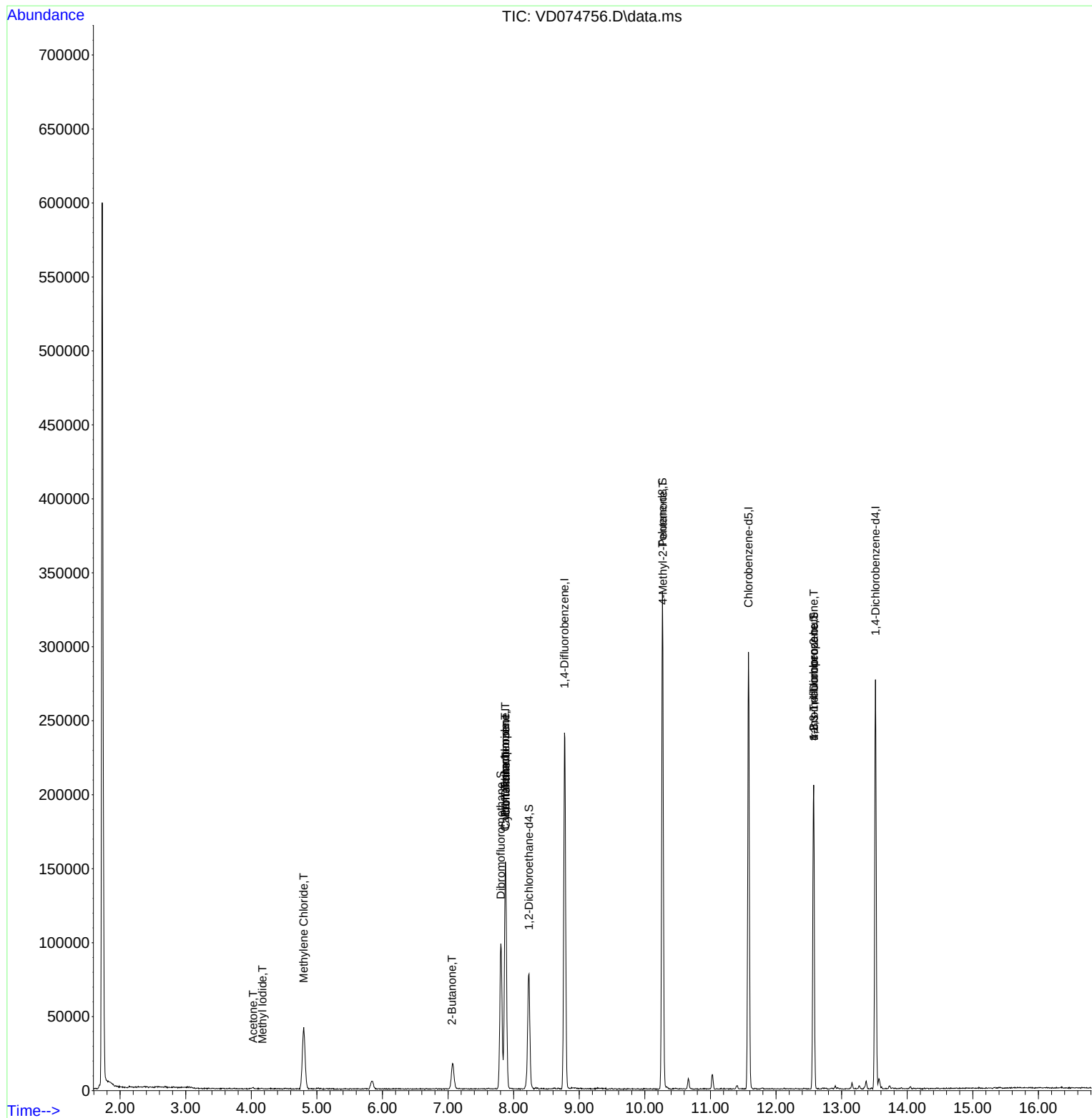
Internal Standards						
1) Pentafluorobenzene	7.875	168	128621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	182030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61693	60.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.120%			
35) Dibromofluoromethane	7.804	113	73993	54.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.269	98	239079	48.467	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.575	95	65988	46.331	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.660%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	366	5.741	ug/l #	43
11) Tert butyl alcohol	5.057	59	178	Below Cal	#	84
16) Acetone	4.028	43	1322	6.219	ug/l	99
20) Methylene Chloride	4.798	84	33678	9.597	ug/l #	88
25) 2-Butanone	7.057	43	810	2.771	ug/l #	42
31) Cyclohexane	7.881	56	2645	1.282	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	8782	4.278	ug/l #	47
38) Carbon Tetrachloride	7.869	117	11749	6.041	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	666	1.078	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	31569	51.689	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	31569	122.698	ug/l #	17

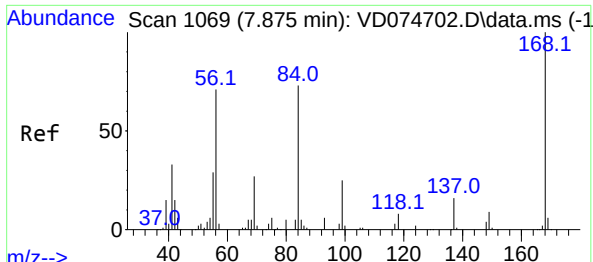
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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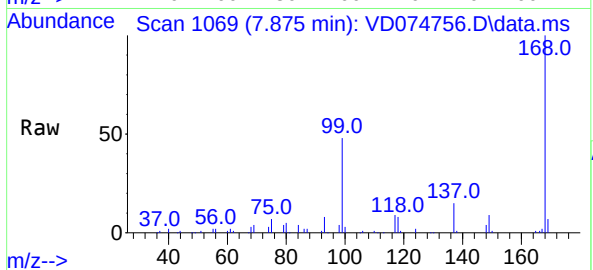
Quant Time: Nov 08 00:20:51 2022
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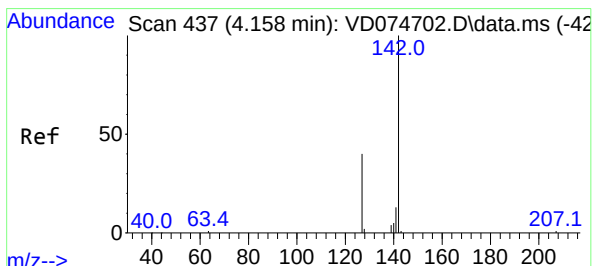
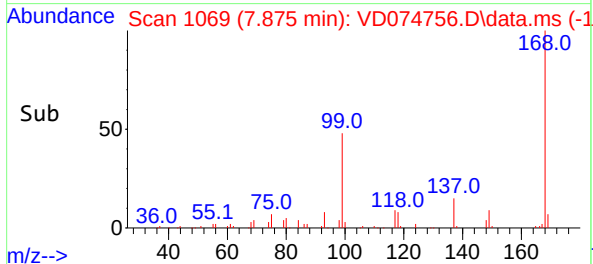
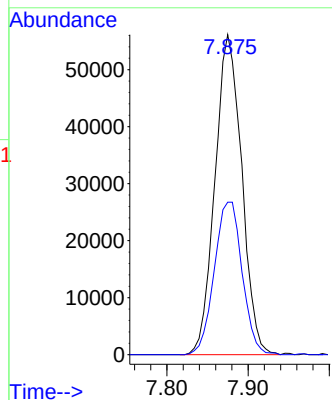


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
TP-N

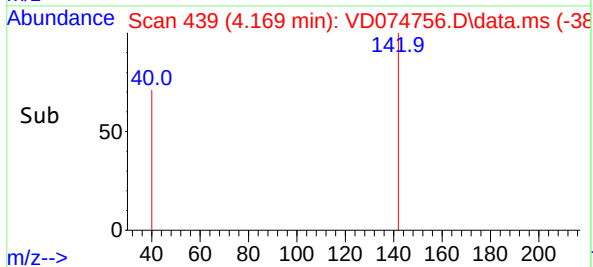
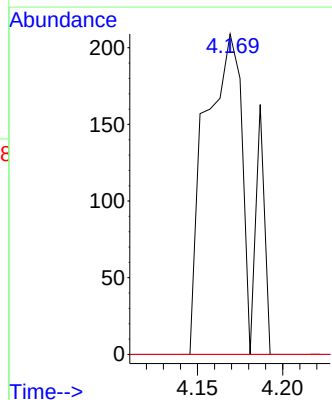
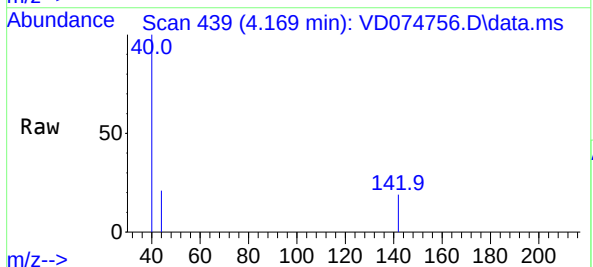


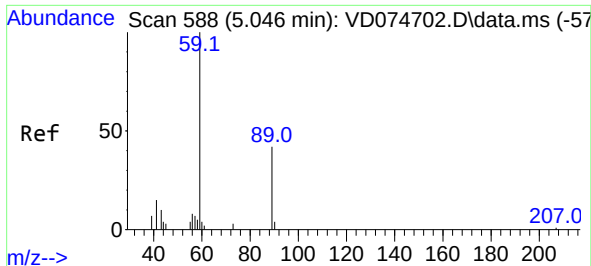
Tgt Ion:168 Resp: 128621
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.741 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Tgt Ion:142 Resp: 366
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.057 min Scan# 590

Delta R.T. 0.011 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

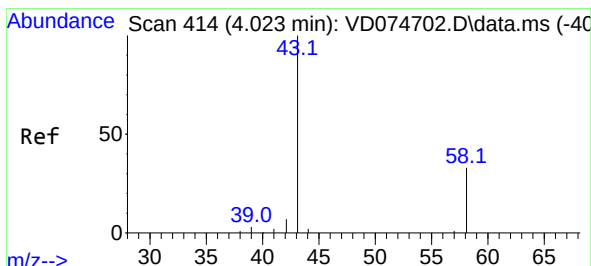
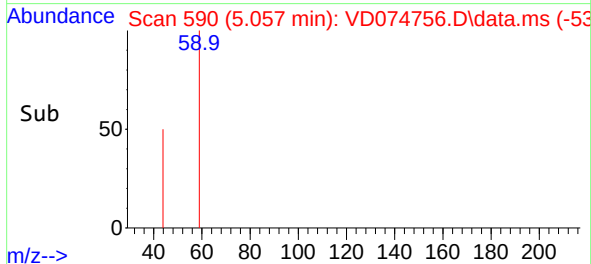
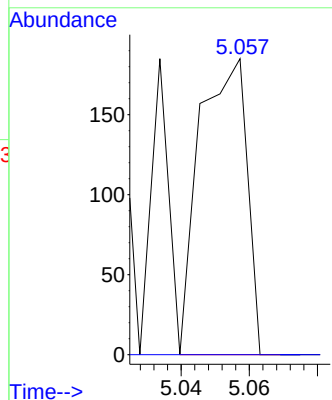
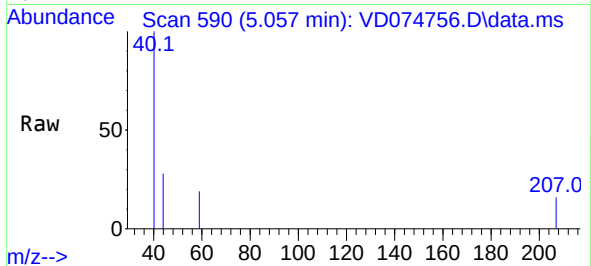
TP-N

Tgt Ion: 59 Resp: 178

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 6.219 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074756.D

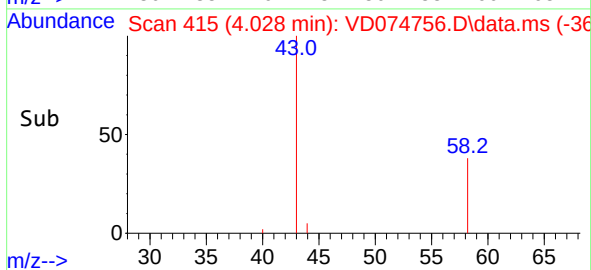
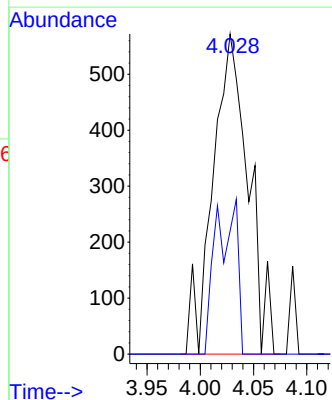
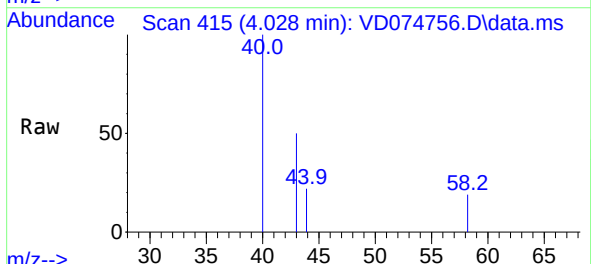
Acq: 07 Nov 2022 12:48

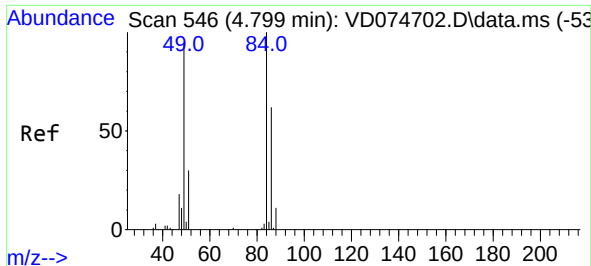
Tgt Ion: 43 Resp: 1322

Ion Ratio Lower Upper

43 100

58 38.5 30.2 45.2

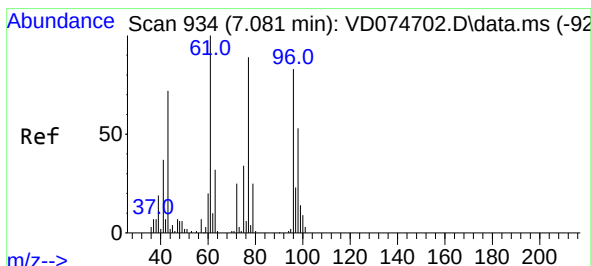
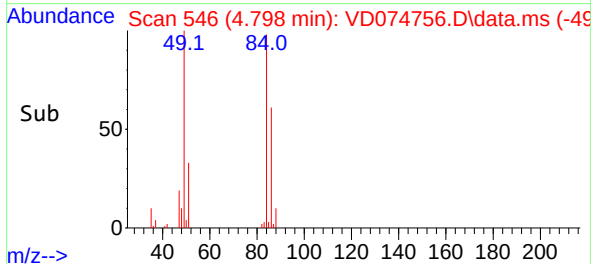
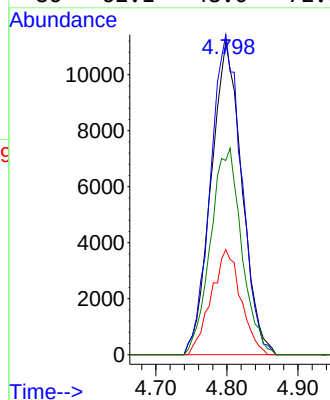
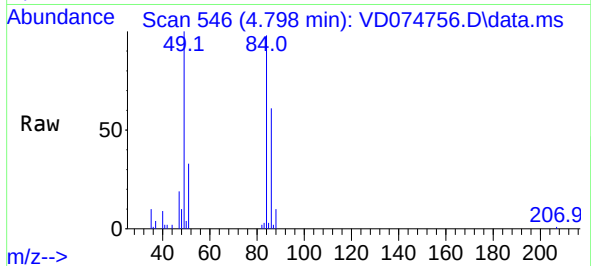




#20
Methylene Chloride
Concen: 9.597 ug/l
RT: 4.798 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

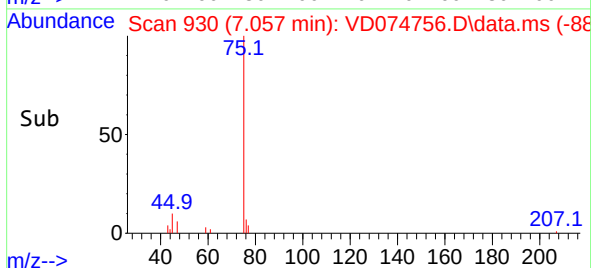
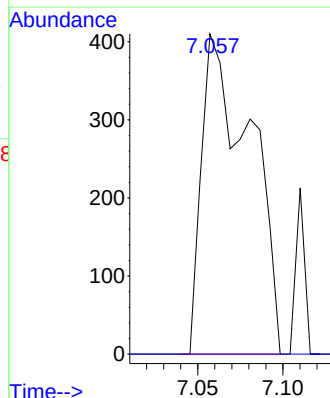
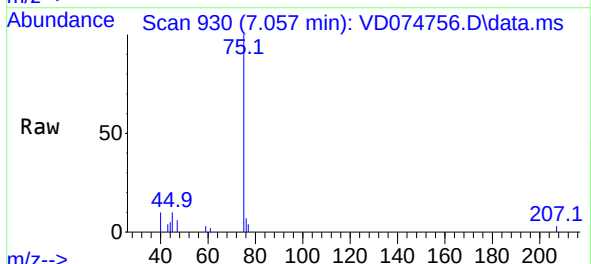
Instrument :
MSVOA_D
ClientSampleId :
TP-N

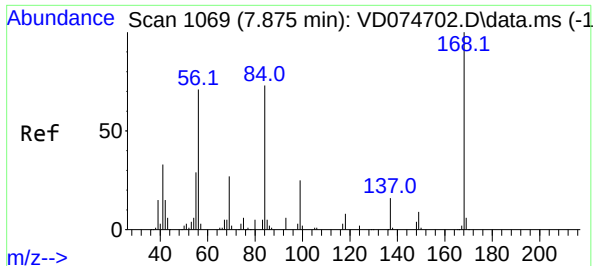
Tgt Ion: 84 Resp: 33678
Ion Ratio Lower Upper
84 100
49 102.3 68.0 102.0#
51 33.5 23.2 34.8
86 62.1 48.0 72.0



#25
2-Butanone
Concen: 2.771 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#





#31

Cyclohexane

Concen: 1.282 ug/l

RT: 7.881 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

TP-N

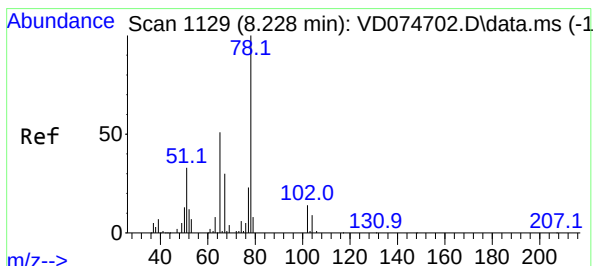
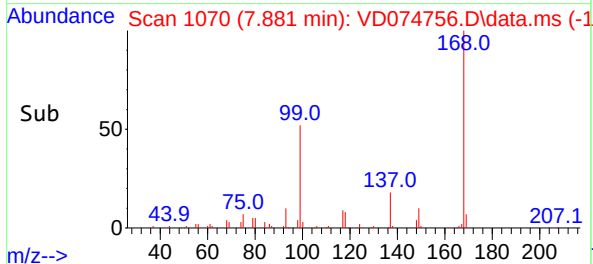
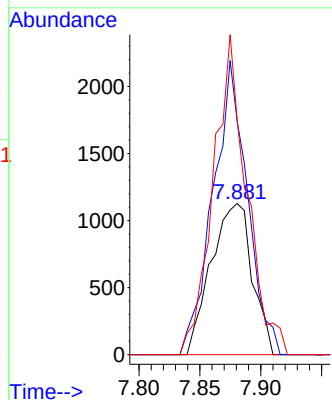
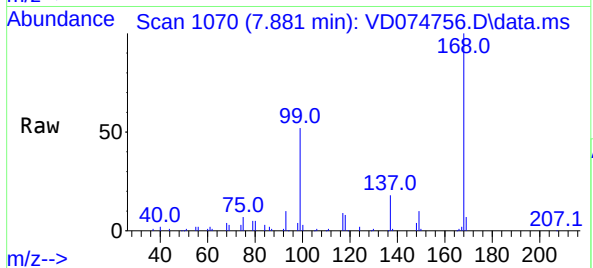
Tgt Ion: 56 Resp: 2645

Ion Ratio Lower Upper

56 100

69 154.5 29.2 43.8#

84 155.2 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 60.560 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074756.D

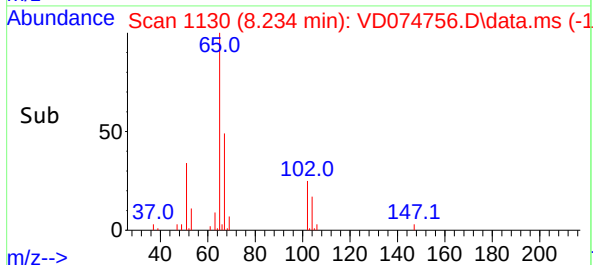
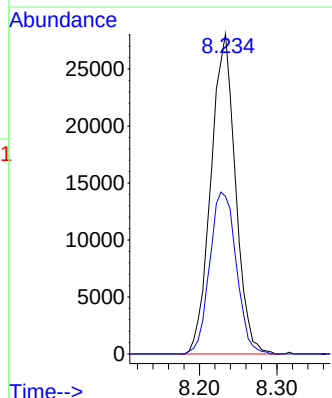
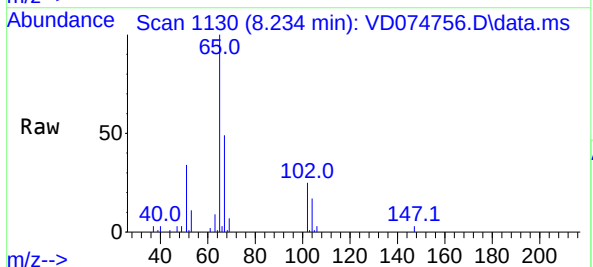
Acq: 07 Nov 2022 12:48

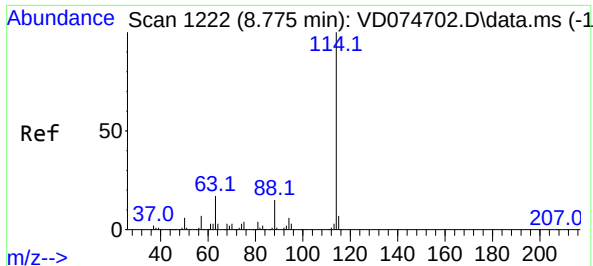
Tgt Ion: 65 Resp: 61693

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

TP-N

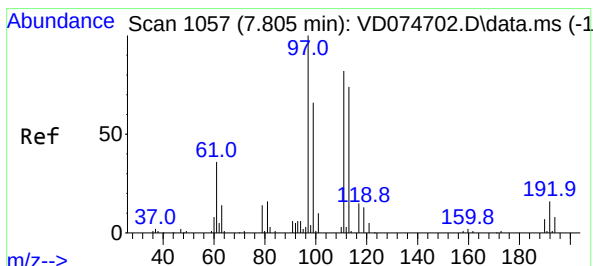
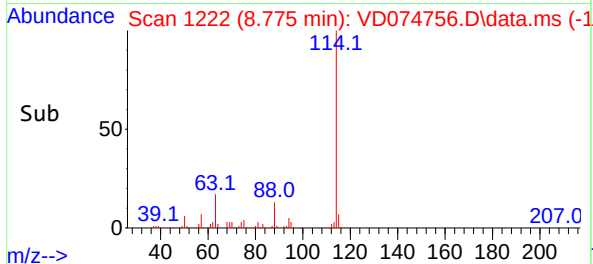
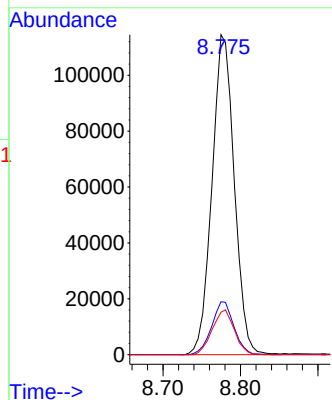
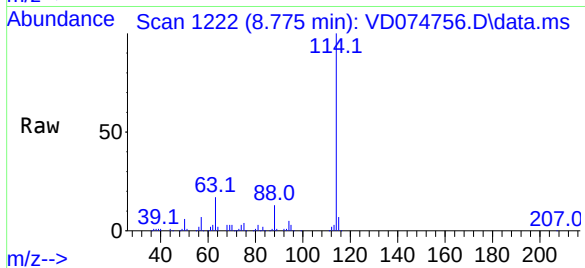
Tgt Ion:114 Resp: 228610

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 54.716 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

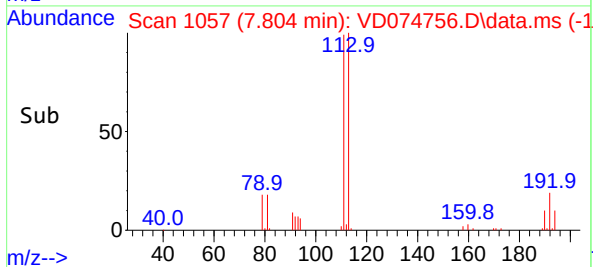
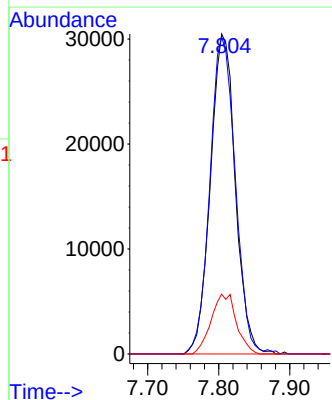
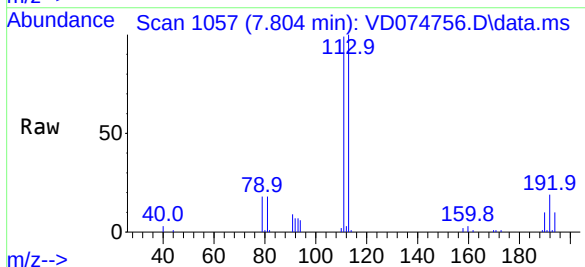
Tgt Ion:113 Resp: 73993

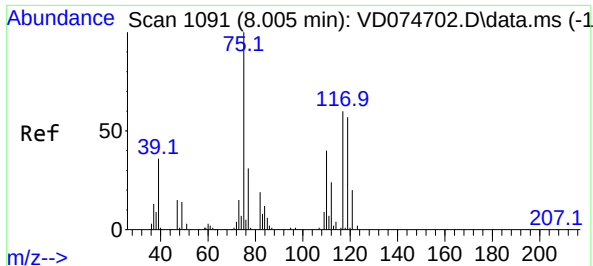
Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

192 19.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

TP-N

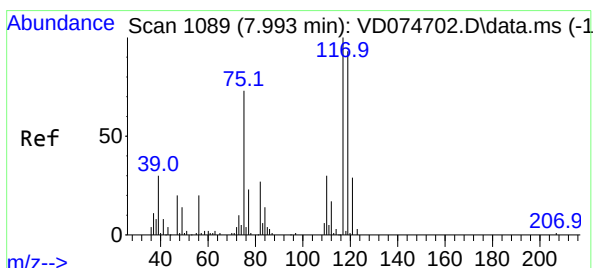
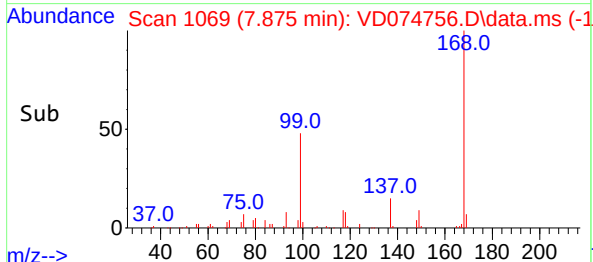
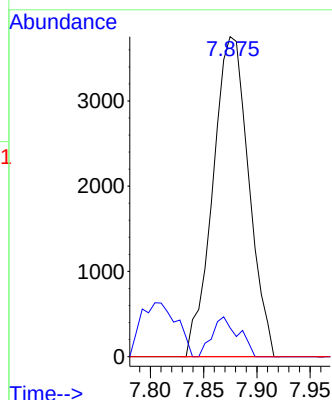
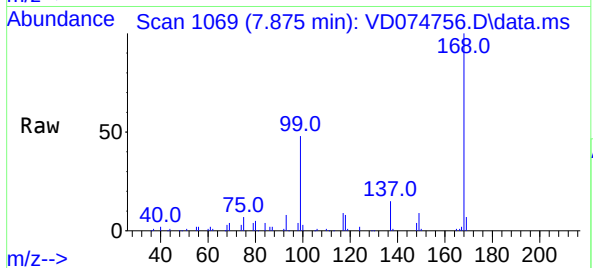
Tgt Ion: 75 Resp: 8782

Ion Ratio Lower Upper

75 100

110 9.2 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.041 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

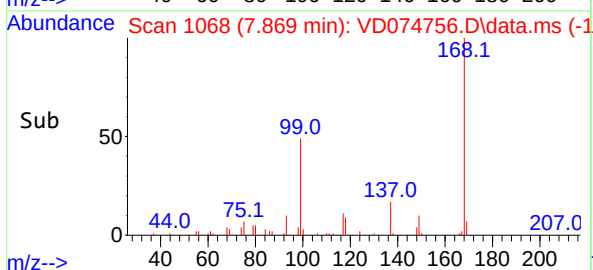
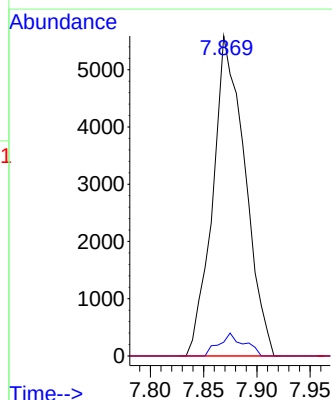
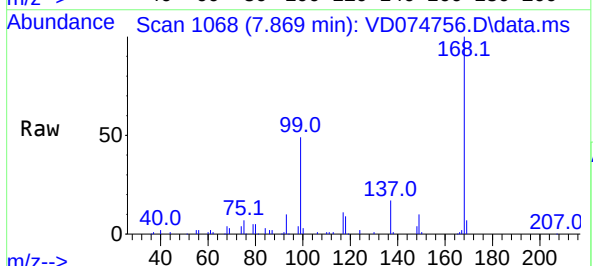
Tgt Ion: 117 Resp: 11749

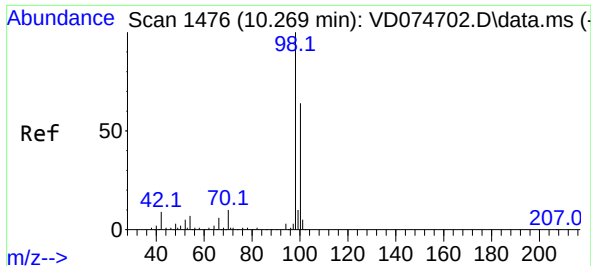
Ion Ratio Lower Upper

117 100

119 4.3 73.1 109.7#

121 0.0 25.0 37.6#

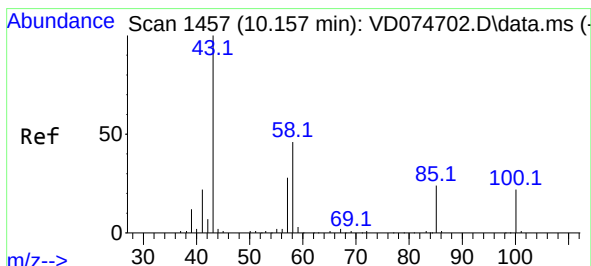
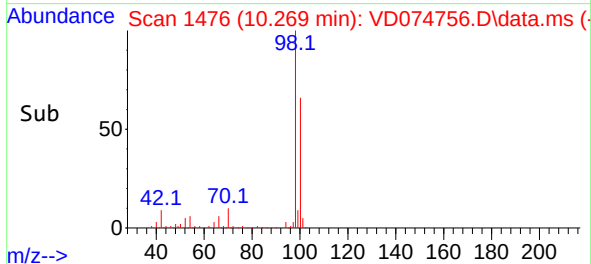
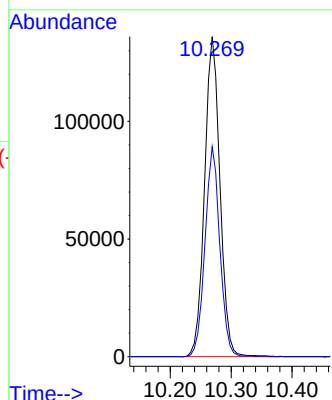
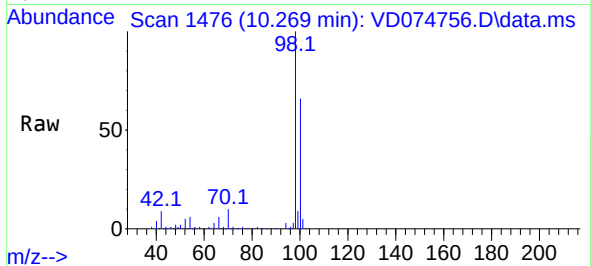




#50
Toluene-d8
Concen: 48.467 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

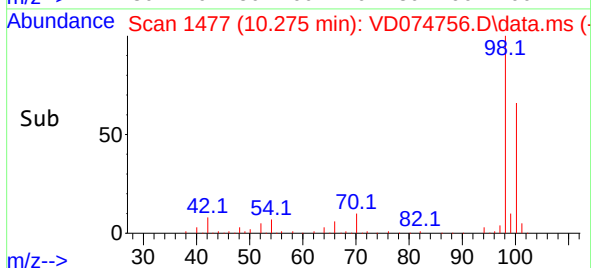
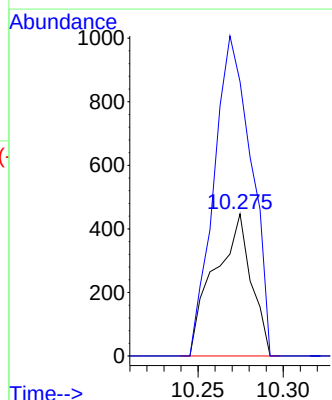
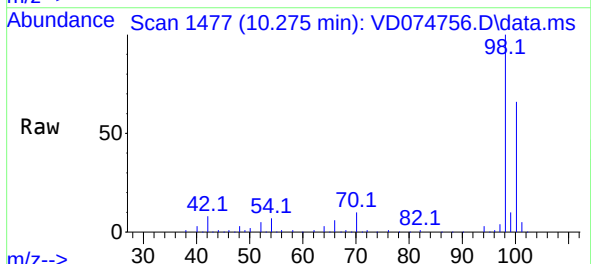
Instrument :
MSVOA_D
ClientSampleId :
TP-N

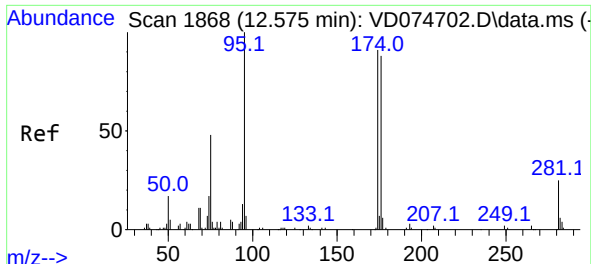
Tgt Ion: 98 Resp: 239079
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.078 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 231.1 37.8 56.6#

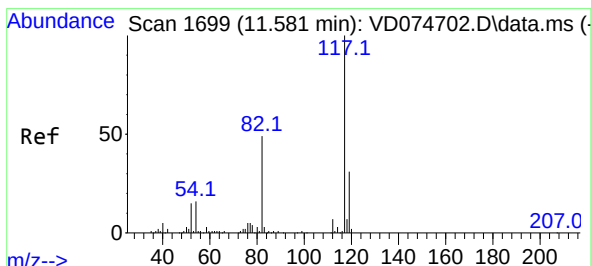
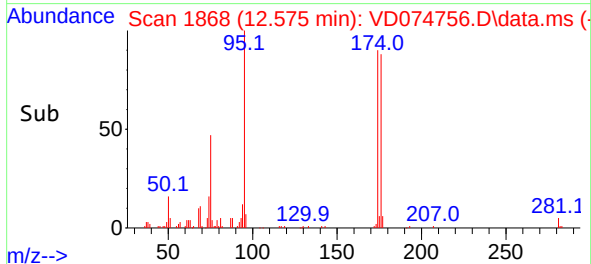
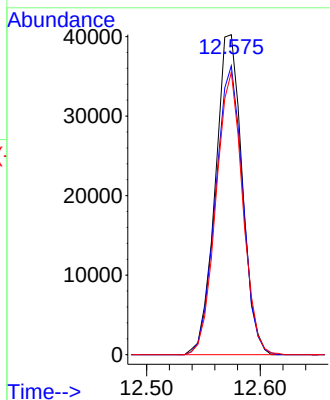
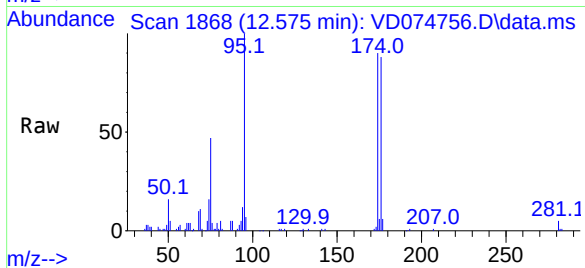




#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

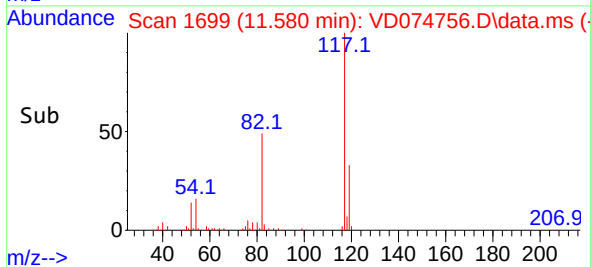
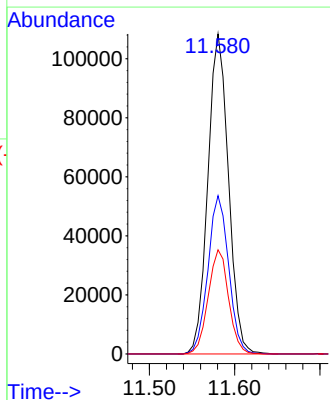
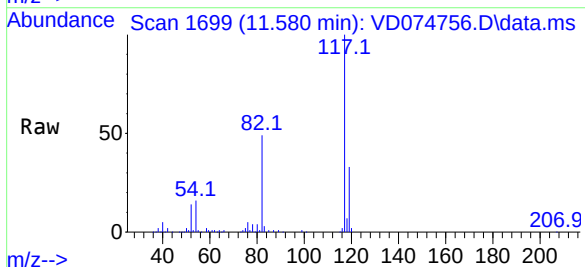
Instrument :
MSVOA_D
ClientSampleId :
TP-N

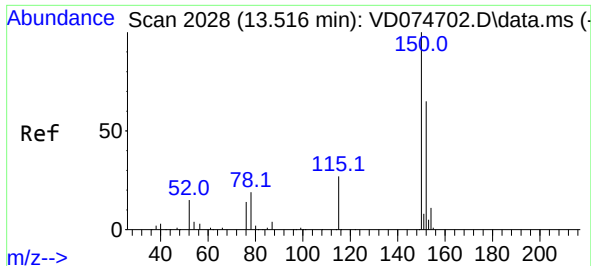
Tgt Ion:	95	Resp:	65988
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	197.0
176	87.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Tgt Ion:	117	Resp:	182030
Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.6	62.4
119	32.6	25.2	37.8

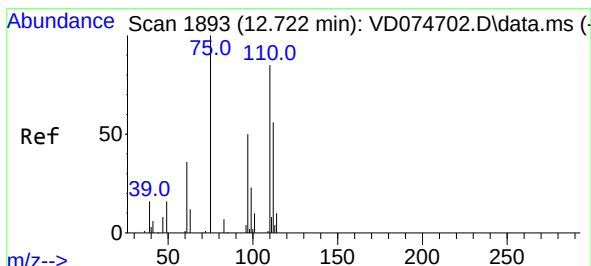
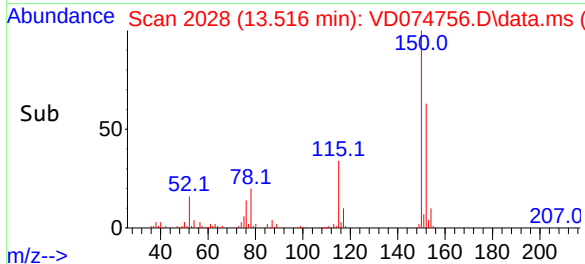
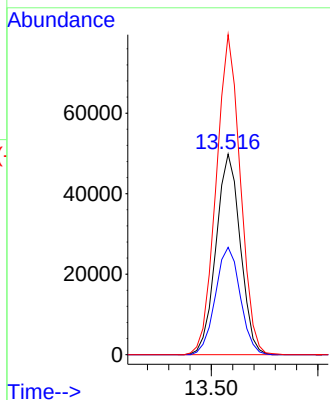
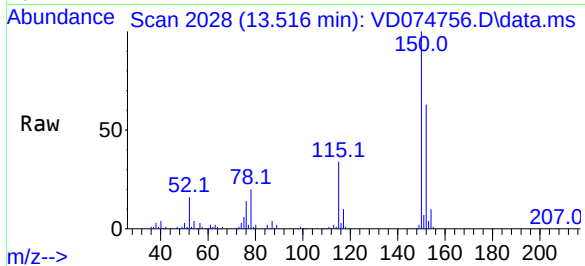




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

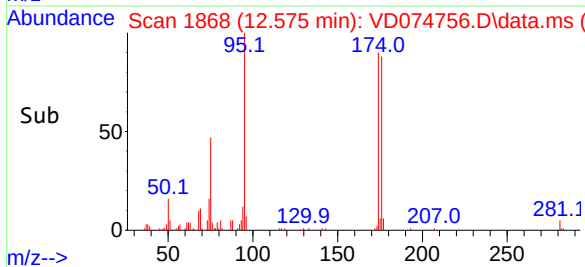
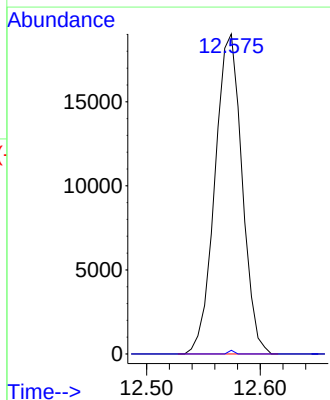
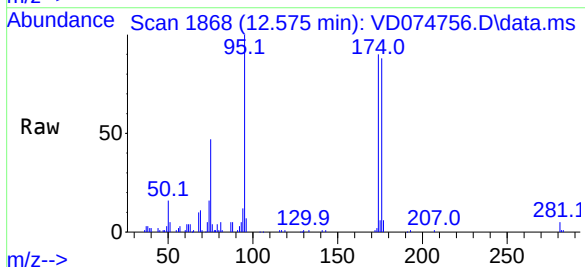
Instrument :
MSVOA_D
ClientSampleId :
TP-N

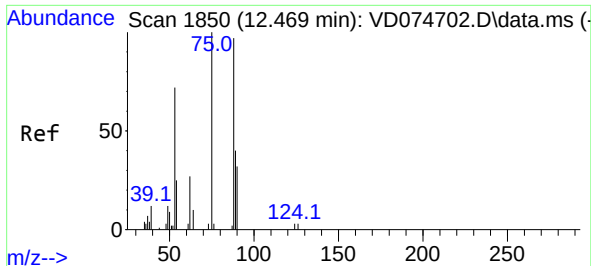
Tgt Ion:152 Resp: 78785
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 158.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 51.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

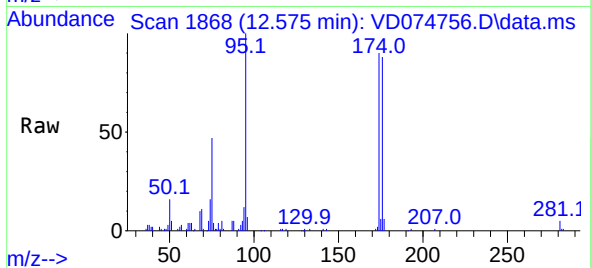
Tgt Ion: 75 Resp: 31569
Ion Ratio Lower Upper
75 100
77 0.2 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.698 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
TP-N



Tgt Ion:	75	Resp:	31569
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

