

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077382.D
 Acq On : 23 Oct 2023 15:41
 Operator : JC/SY
 Sample : 04978-02RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 23:40:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

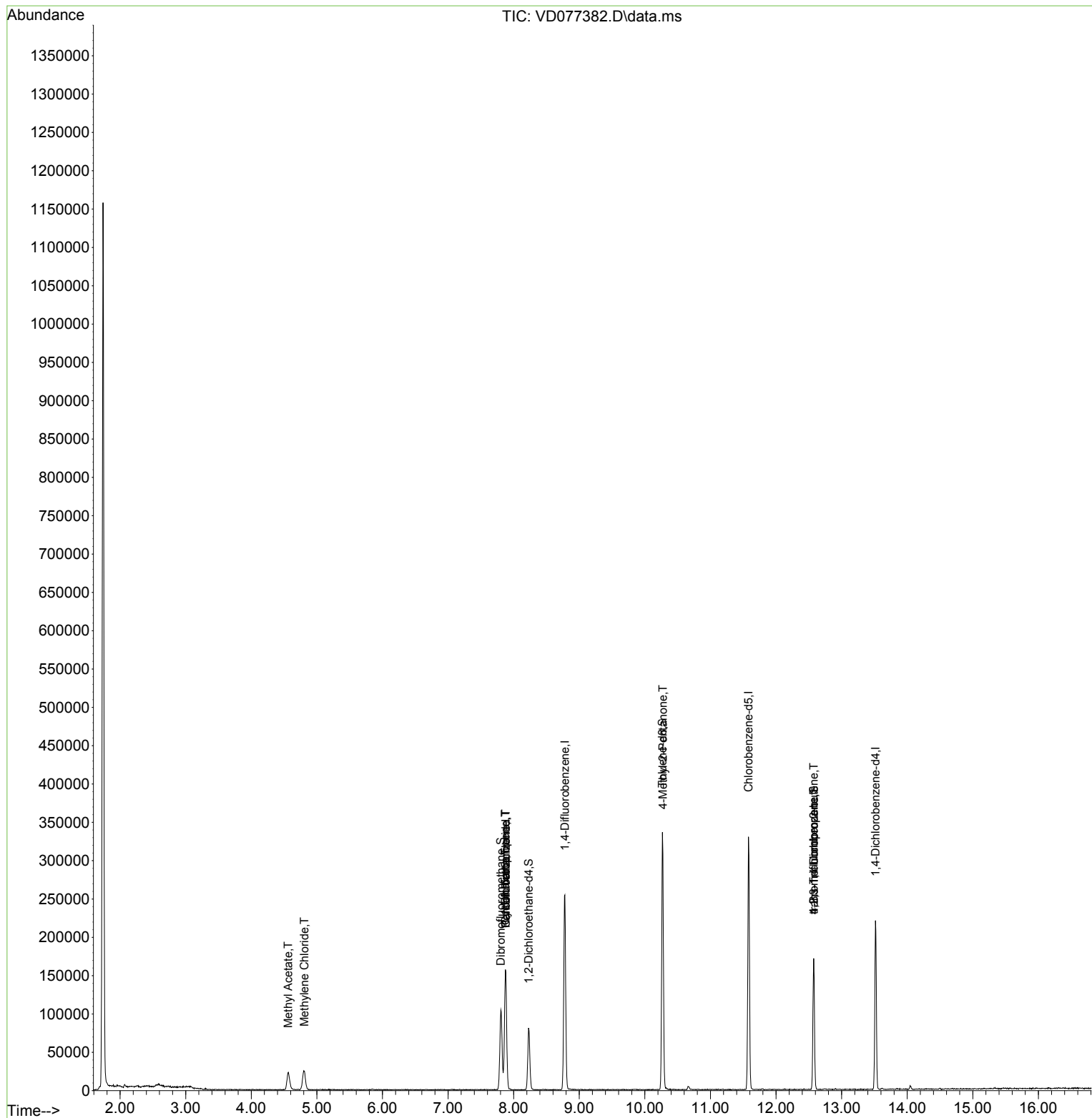
Internal Standards						
1) Pentafluorobenzene	7.881	168	126956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	239228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61133	53.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.804	113	75643	45.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.020%	
50) Toluene-d8	10.269	98	240873	40.018	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.040%	
62) 4-Bromofluorobenzene	12.575	95	50365	29.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.140%	
Target Compounds						Qvalue
18) Methyl Acetate	4.563	43	40991	47.378	ug/l	98
20) Methylene Chloride	4.811	84	21165	10.277	ug/l	97
31) Cyclohexane	7.875	56	2628	1.490	ug/l #	6
36) 1,1-Dichloropropene	7.875	75	9208	4.170	ug/l #	47
38) Carbon Tetrachloride	7.881	117	11534	4.695	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	795	1.270	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26118	31.643	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26118	111.236	ug/l #	17

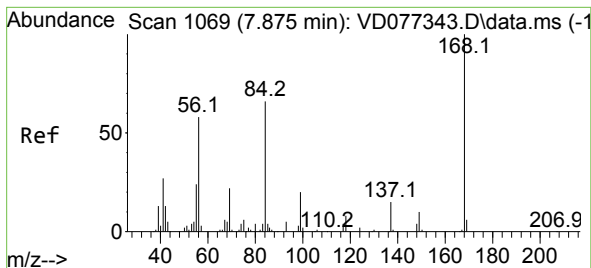
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Oct 23 23:40:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

Instrument :

MSVOA_D

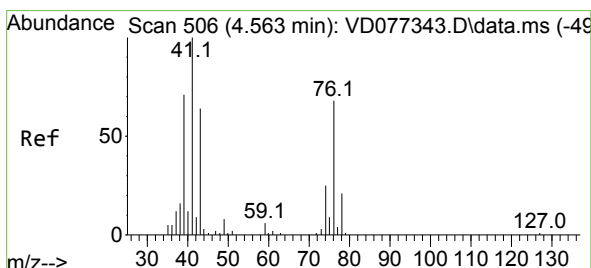
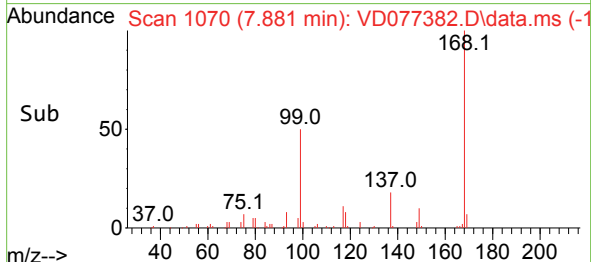
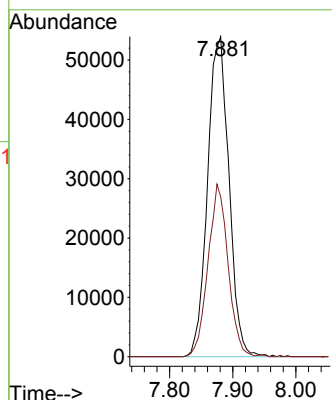
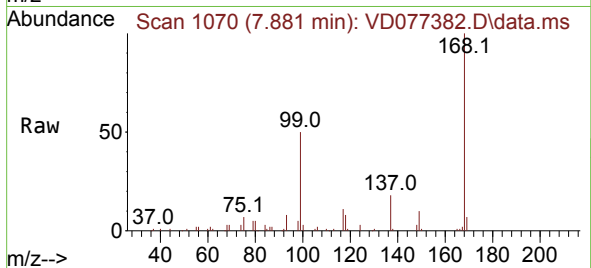
ClientSampleId :

Tgt Ion:168 Resp: 126956

Ion Ratio Lower Upper

168 100

99 50.0 36.7 55.1



#18

Methyl Acetate

Concen: 47.378 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077382.D

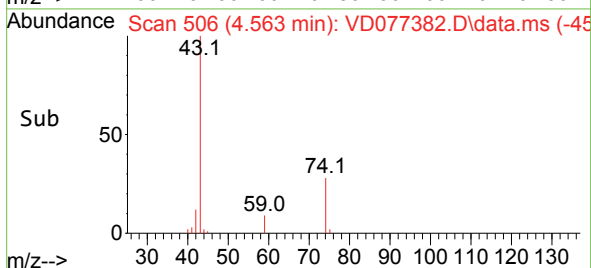
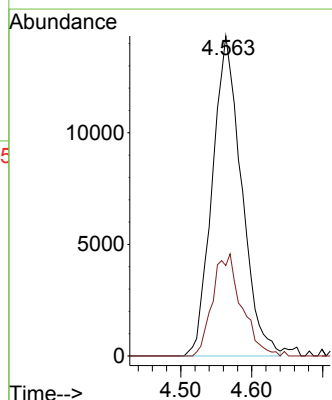
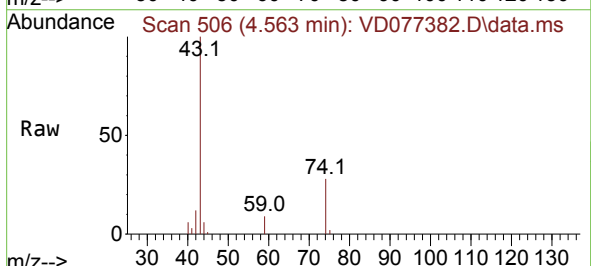
Acq: 23 Oct 2023 15:41

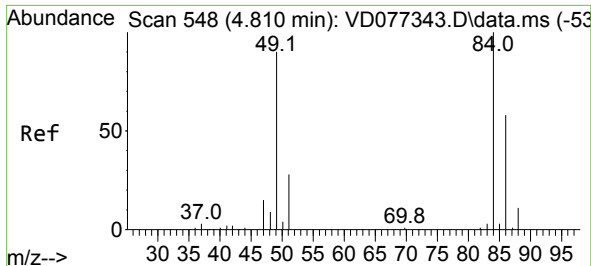
Tgt Ion: 43 Resp: 40991

Ion Ratio Lower Upper

43 100

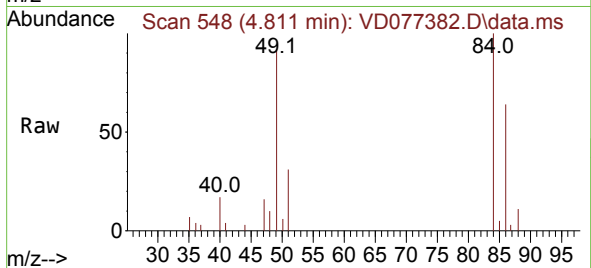
74 31.7 26.4 39.6





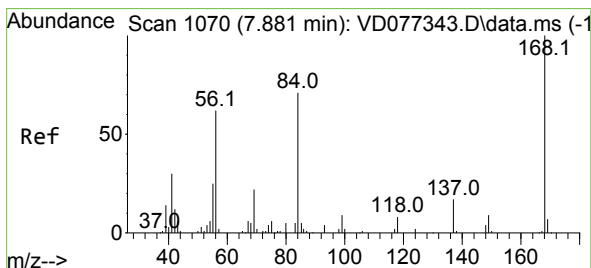
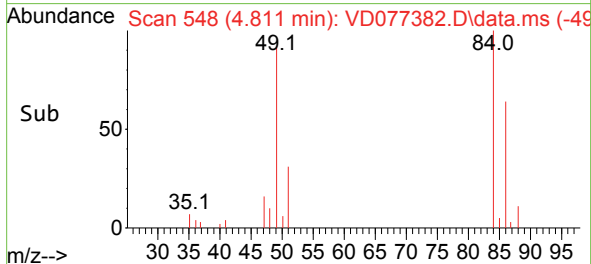
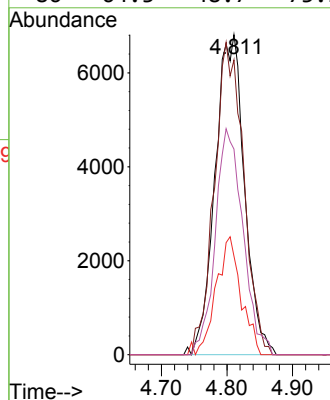
#20
Methylene Chloride
Concen: 10.277 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 21165

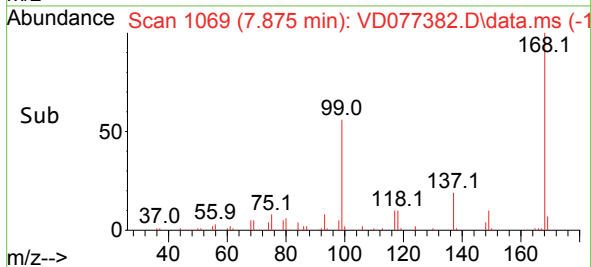
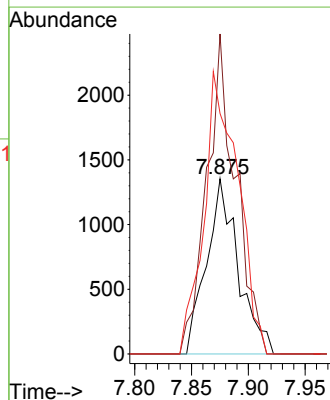
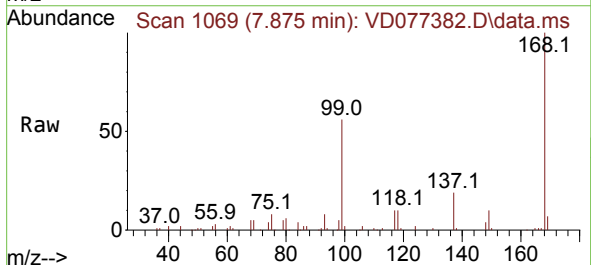
Ion	Ratio	Lower	Upper
84	100		
49	92.1	71.4	107.2
51	30.8	24.5	36.7
86	64.3	48.7	73.1

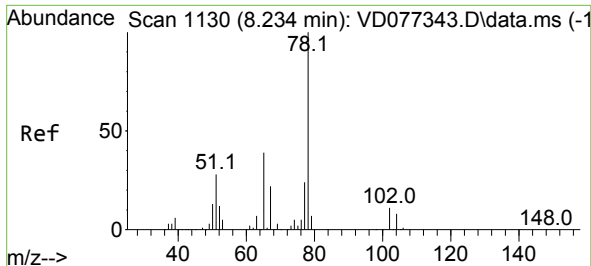


#31
Cyclohexane
Concen: 1.490 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion: 56 Resp: 2628

Ion	Ratio	Lower	Upper
56	100		
69	182.6	28.6	43.0#
84	148.4	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 53.926 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

Instrument :

MSVOA_D

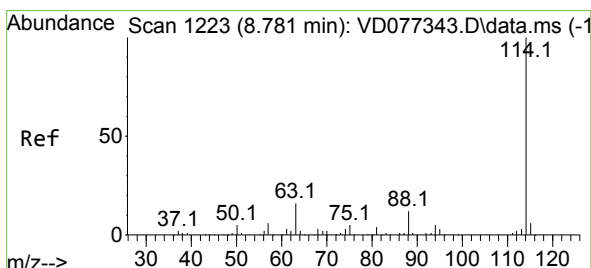
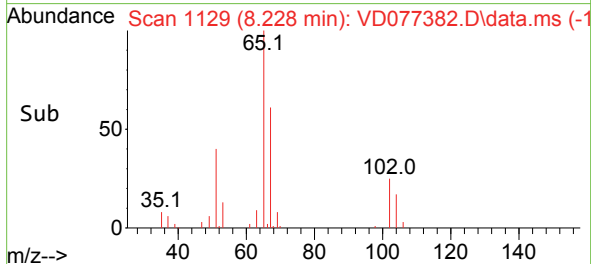
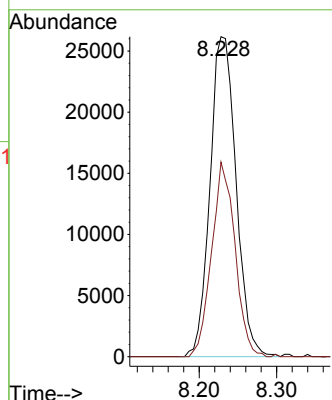
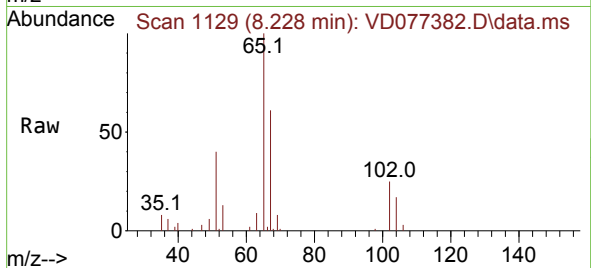
ClientSampleId :

Tgt Ion: 65 Resp: 61133

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

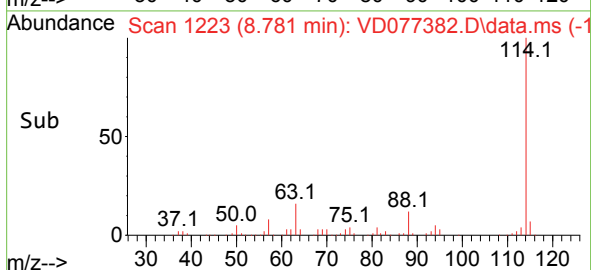
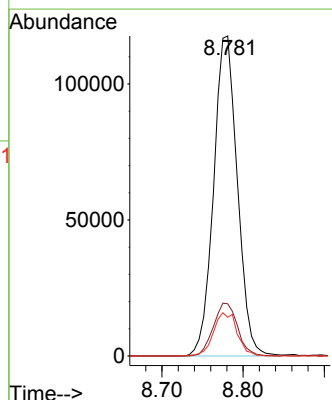
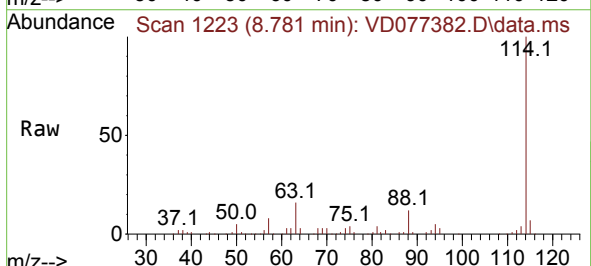
Tgt Ion:114 Resp: 239228

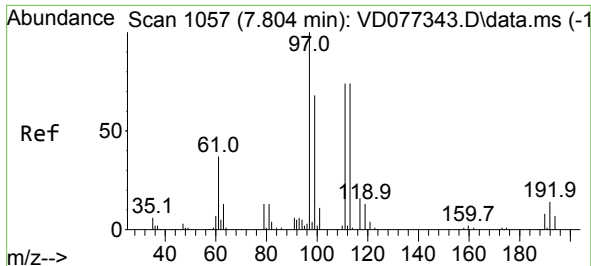
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

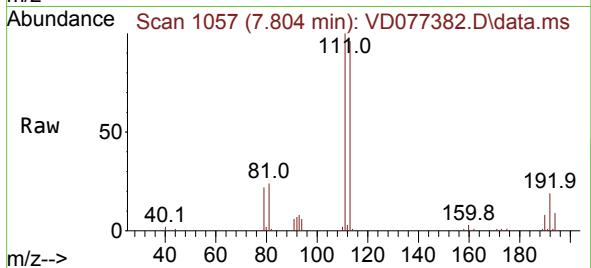
88 12.1 0.0 26.2



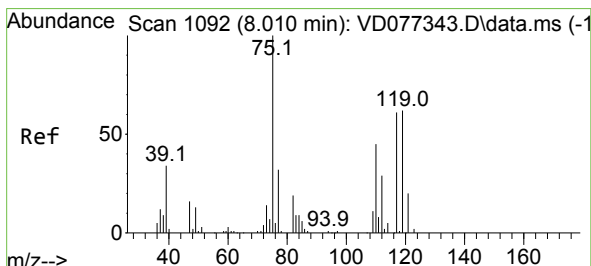
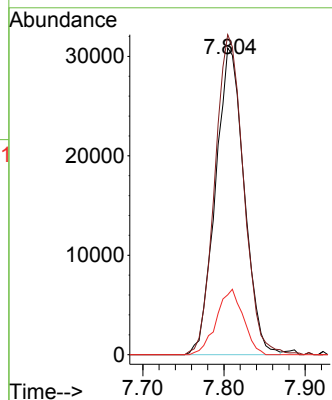
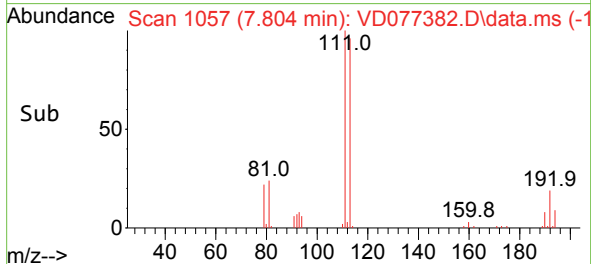


#35
Dibromofluoromethane
Concen: 45.007 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :

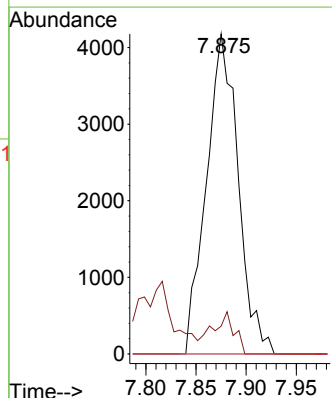
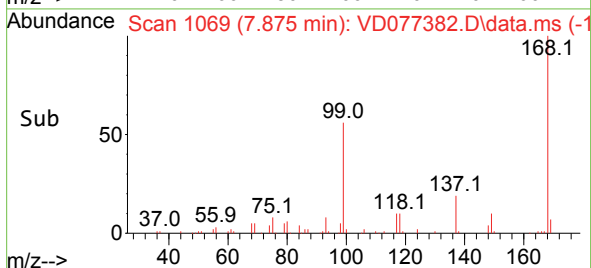
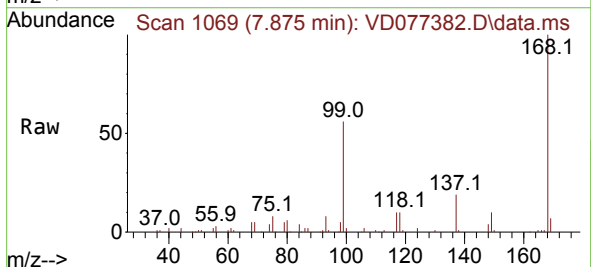


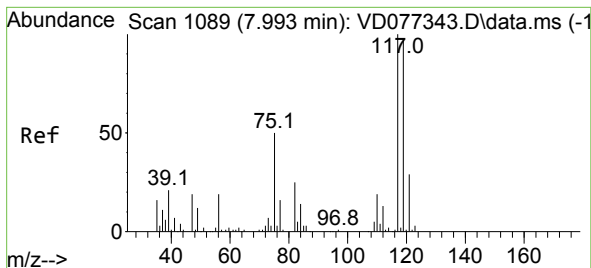
Tgt Ion:113 Resp: 75643
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.170 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion: 75 Resp: 9208
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.695 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

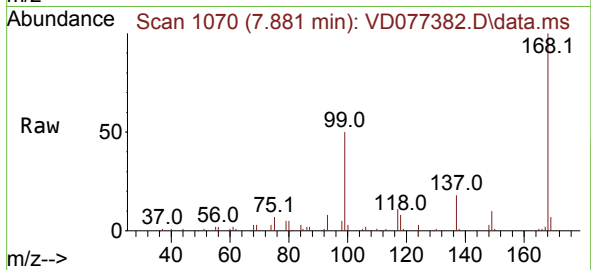
Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

Instrument :

MSVOA_D

ClientSampleId :



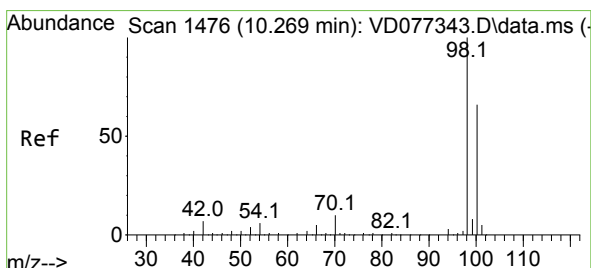
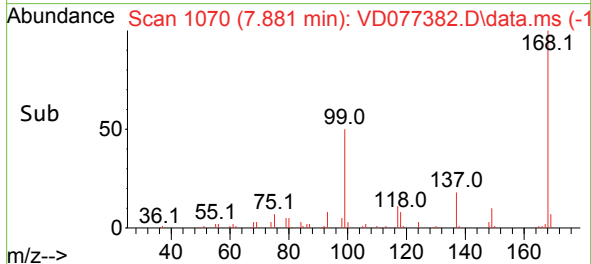
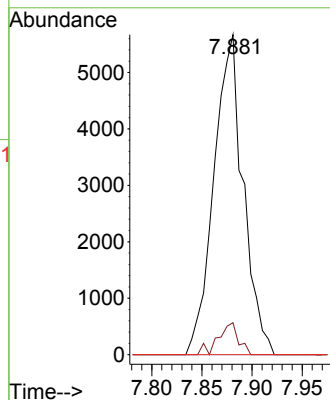
Tgt Ion:117 Resp: 11534

Ion Ratio Lower Upper

117 100

119 10.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 40.018 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077382.D

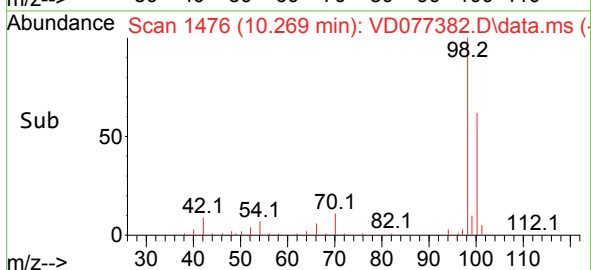
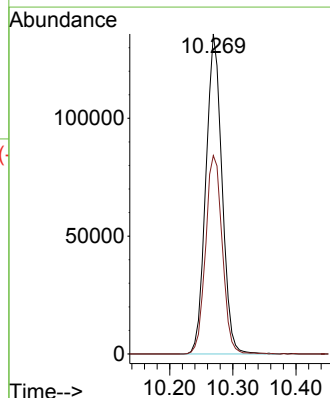
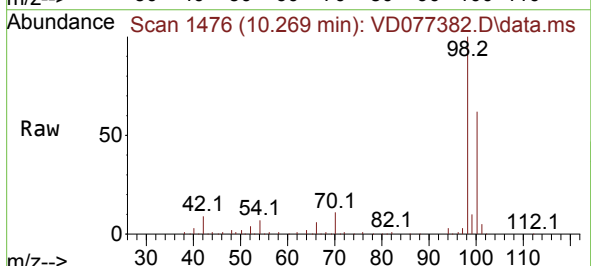
Acq: 23 Oct 2023 15:41

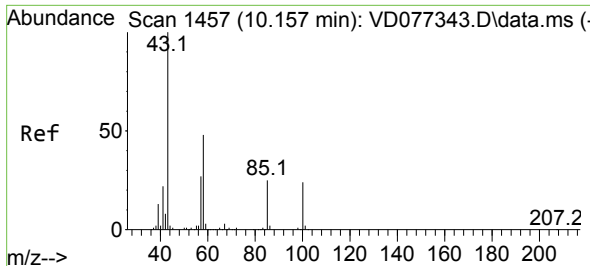
Tgt Ion: 98 Resp: 240873

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

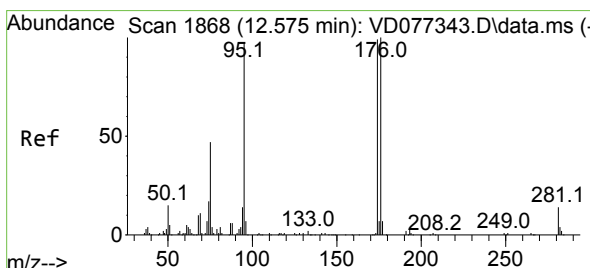
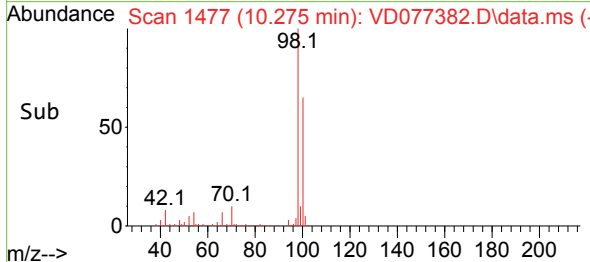
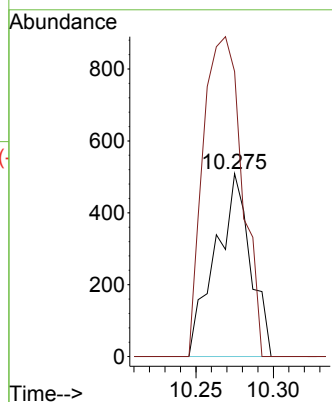
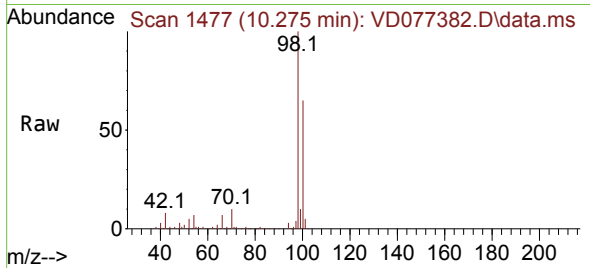




#51
4-Methyl-2-Pentanone
Concen: 1.270 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

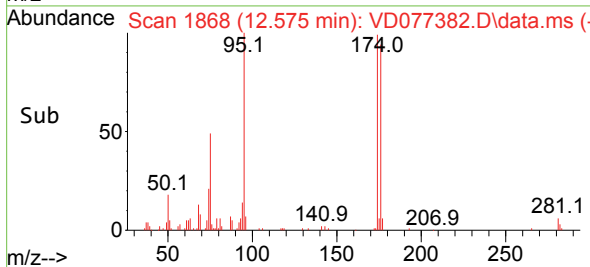
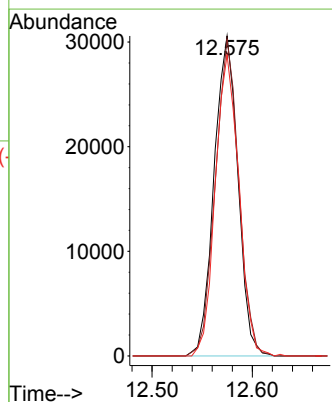
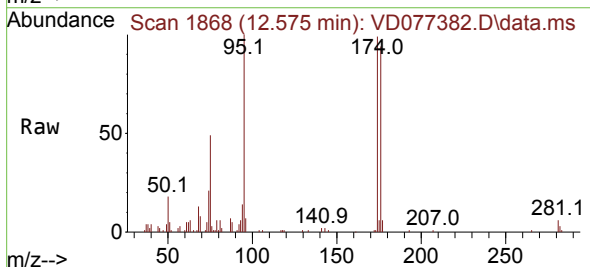
Instrument :
MSVOA_D
ClientSampleId :

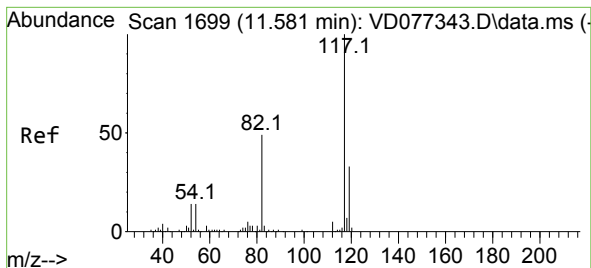
Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 195.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 29.068 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion: 95 Resp: 50365
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 93.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

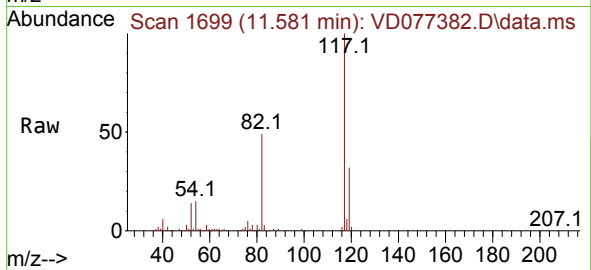
Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

Instrument :

MSVOA_D

ClientSampleId :



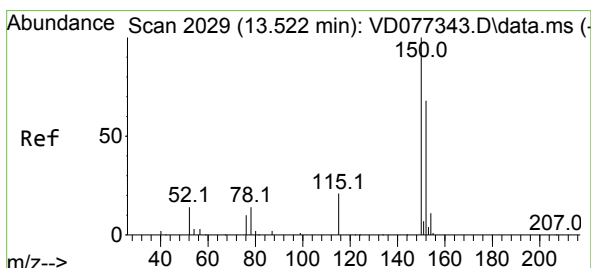
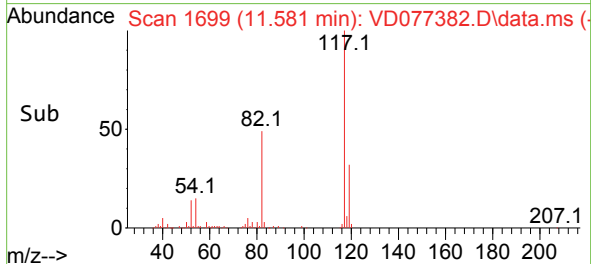
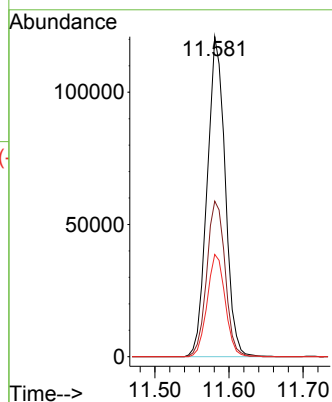
Tgt Ion:117 Resp: 204140

Ion Ratio Lower Upper

117 100

82 48.6 38.3 57.5

119 31.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077382.D

Acq: 23 Oct 2023 15:41

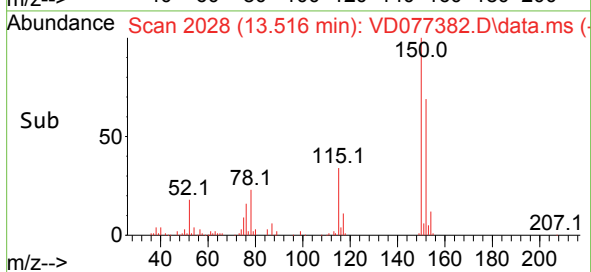
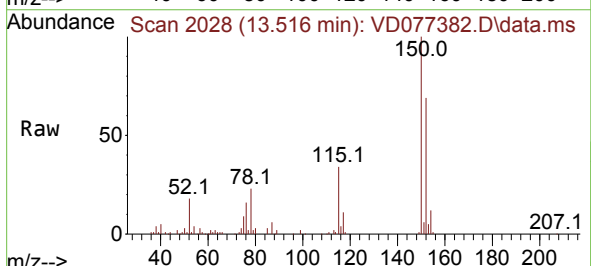
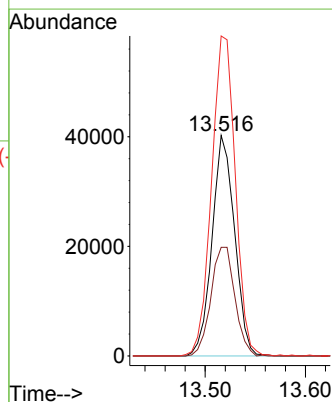
Tgt Ion:152 Resp: 62915

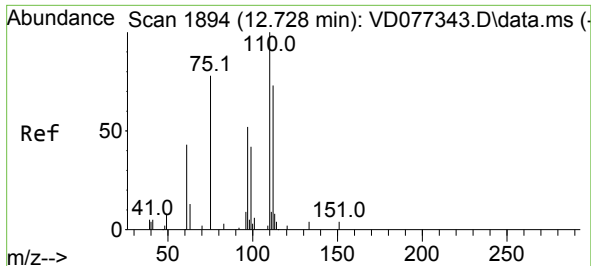
Ion Ratio Lower Upper

152 100

115 52.5 27.1 81.3

150 152.6 0.0 353.6

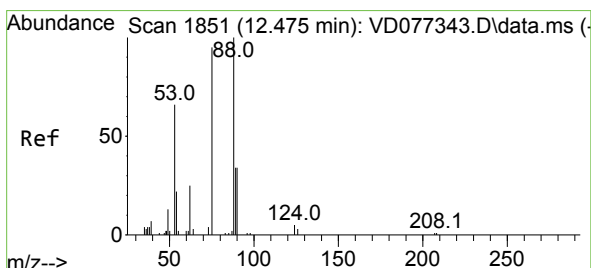
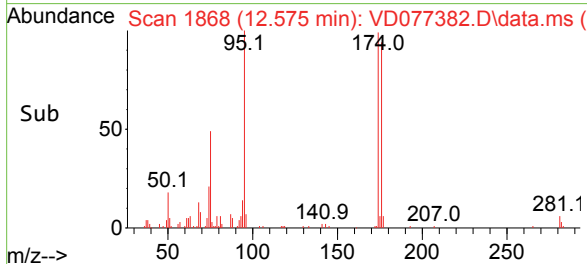
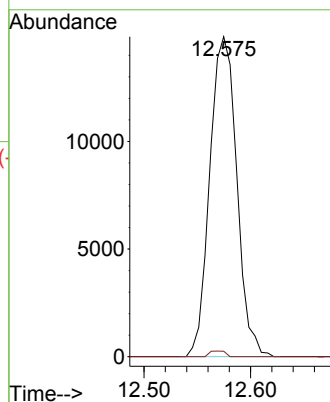
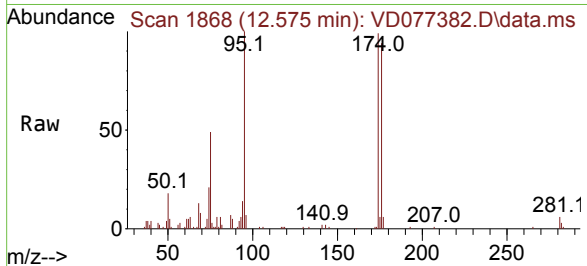




#76
1,2,3-Trichloropropane
Concen: 31.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 26118
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion: 75 Resp: 26118
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

