

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077238.D
 Acq On : 28 Sep 2023 19:13
 Operator : JC/SY
 Sample : 04668-03RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 29 02:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

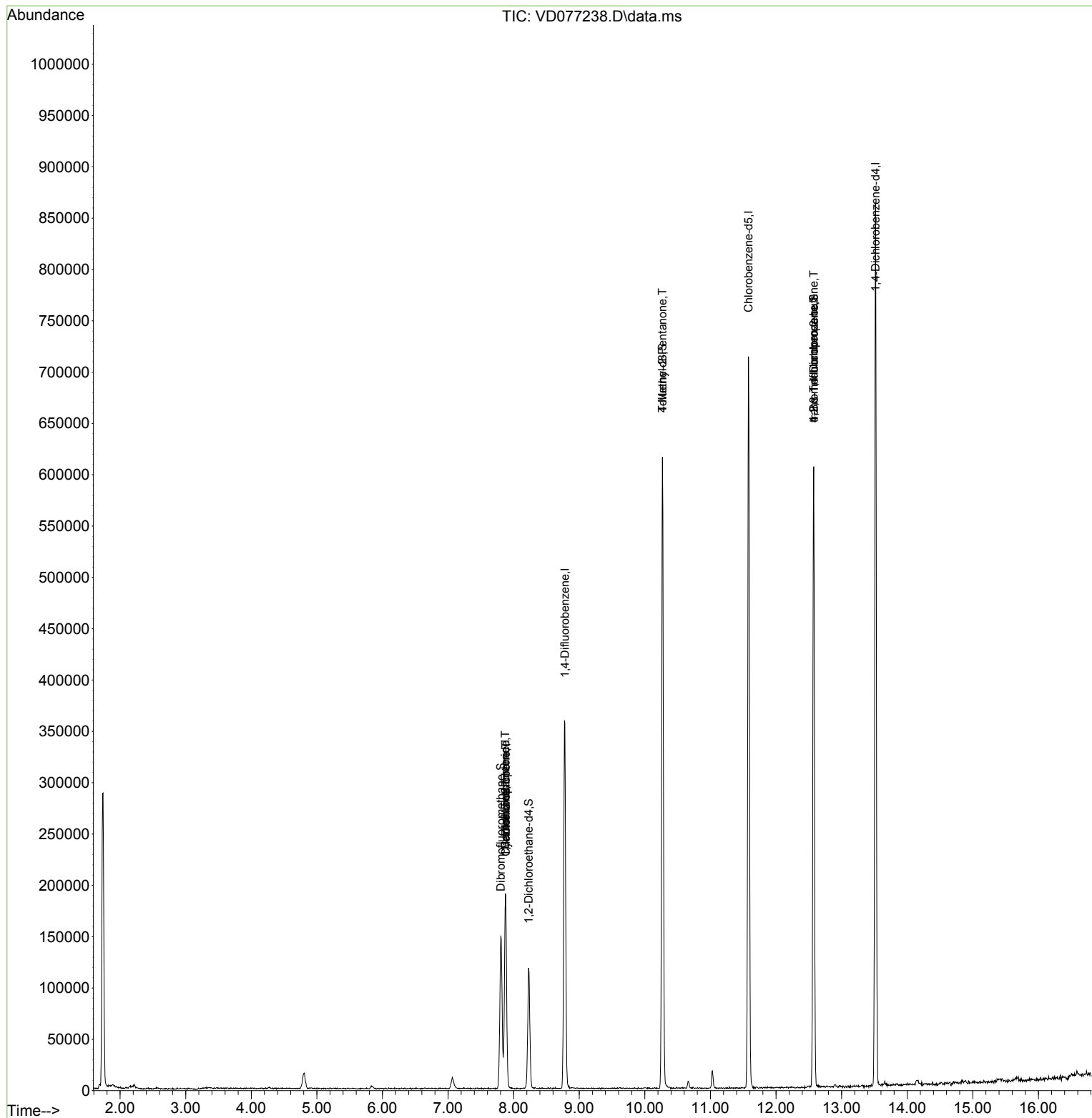
Internal Standards						
1) Pentafluorobenzene	7.875	168	149590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	337280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	436411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	232102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86754	57.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.940%
35) Dibromofluoromethane	7.804	113	110598	47.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.420%
50) Toluene-d8	10.269	98	433785	52.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.574	95	189501	73.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	146.640%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.810	84	12552	Below Cal	#	85
31) Cyclohexane	7.881	56	2929	1.109	ug/l #	2
36) 1,1-Dichloropropene	7.881	75	11860	3.362	ug/l #	48
38) Carbon Tetrachloride	7.875	117	15342	4.424	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	2028	1.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	101721	54.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	101721	103.995	ug/l #	17

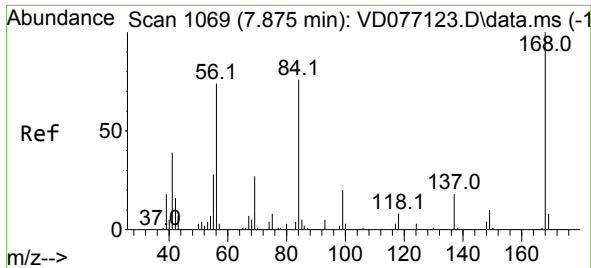
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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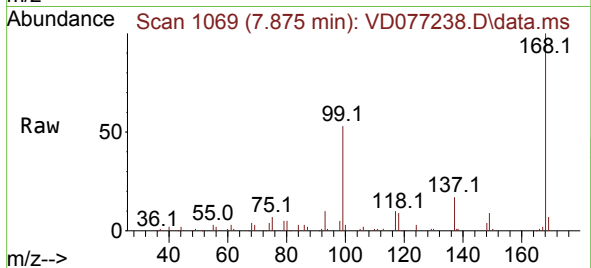
Quant Time: Sep 29 02:21:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration



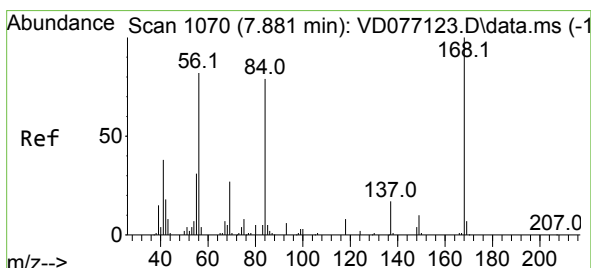
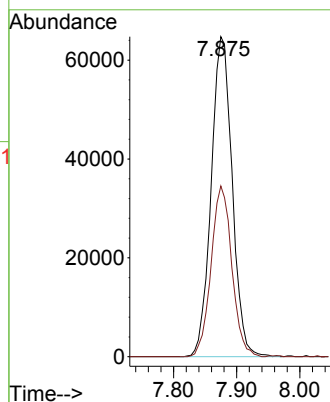
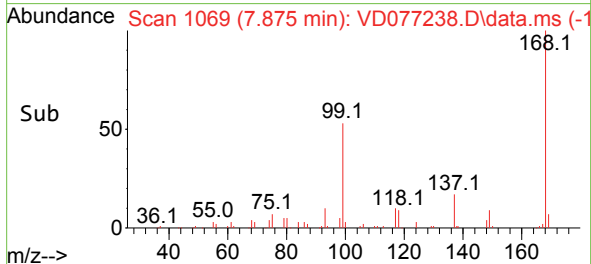


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Instrument :
MSVOA_D
ClientSampleId :

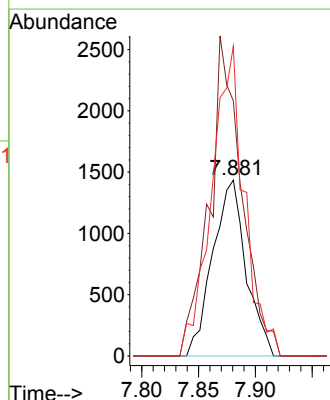
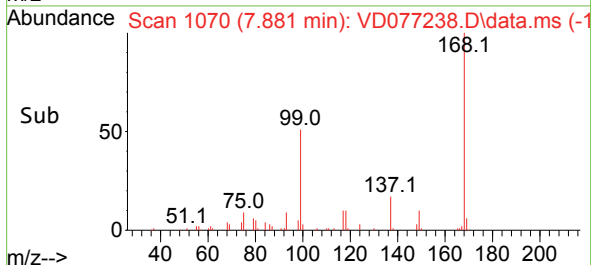
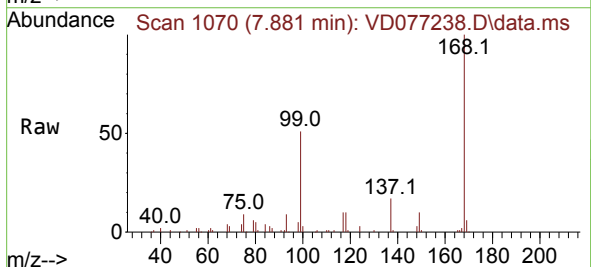


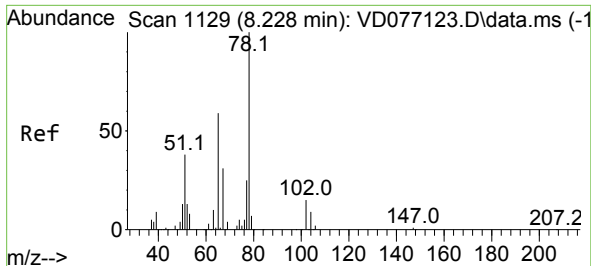
Tgt Ion:168 Resp: 149590
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 145.1 28.6 43.0#
84 176.0 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 57.465 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077238.D

Acq: 28 Sep 2023 19:13

Instrument :

MSVOA_D

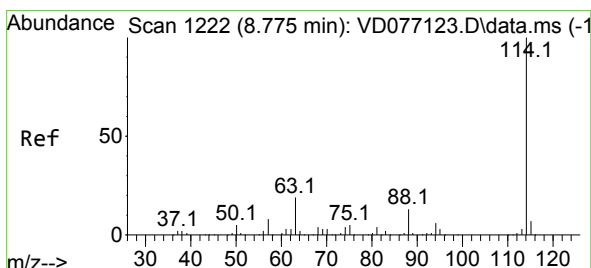
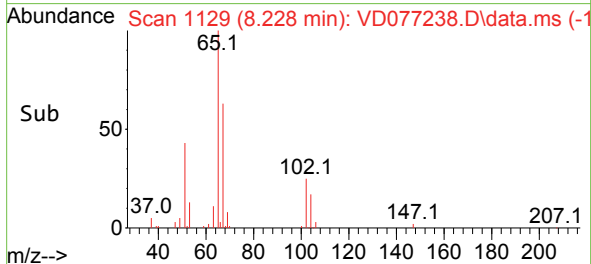
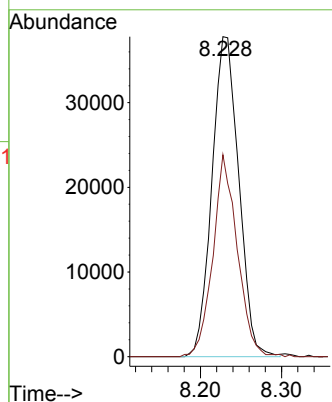
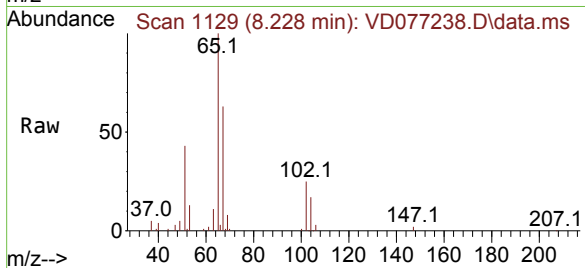
ClientSampleId :

Tgt Ion: 65 Resp: 86754

Ion Ratio Lower Upper

65 100

67 57.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077238.D

Acq: 28 Sep 2023 19:13

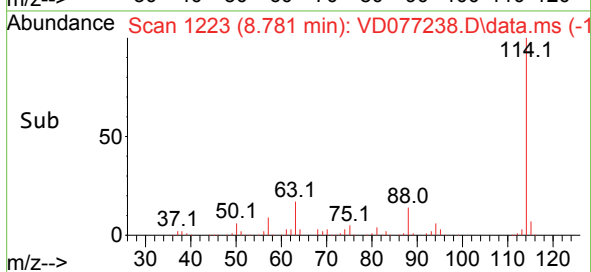
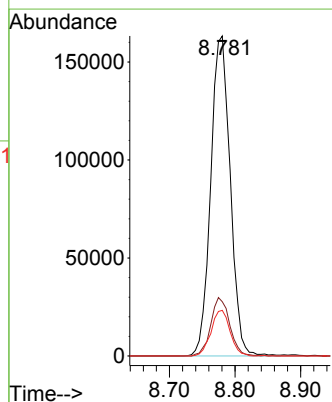
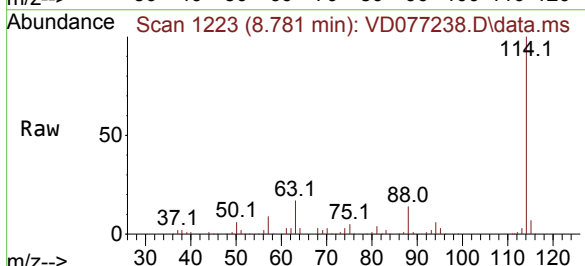
Tgt Ion: 114 Resp: 337280

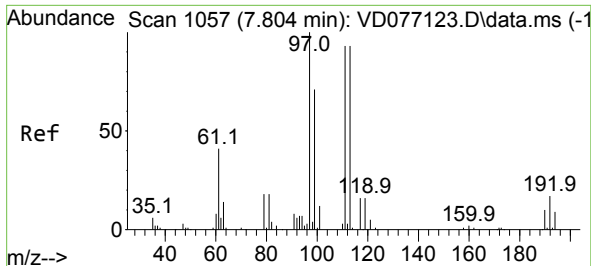
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

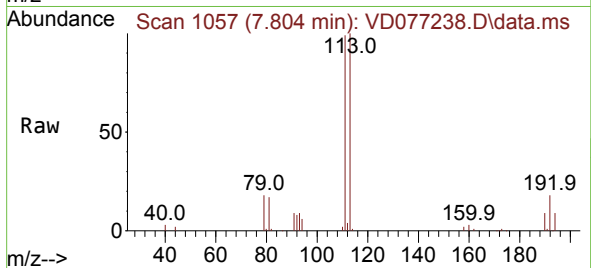
88 14.3 0.0 26.2



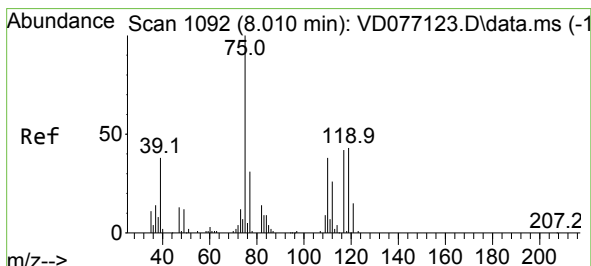
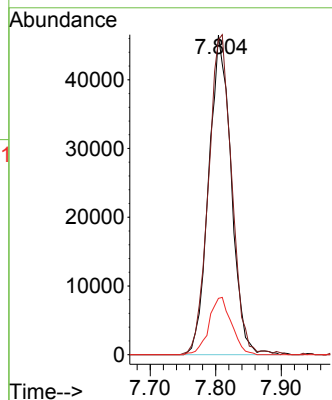
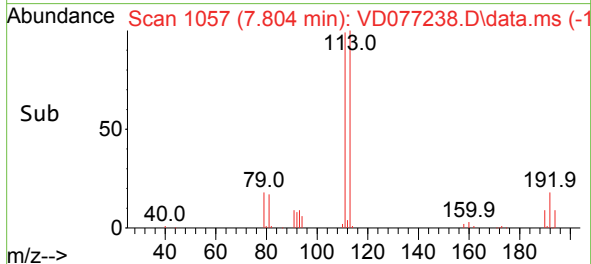


#35
Dibromofluoromethane
Concen: 47.209 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

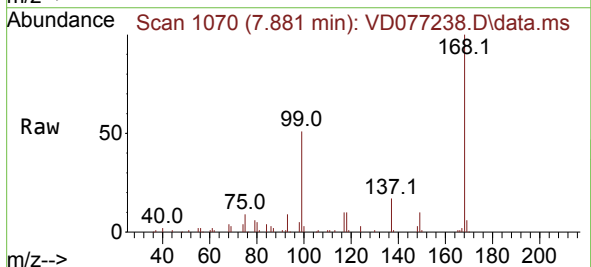
Instrument :
MSVOA_D
ClientSampleId :



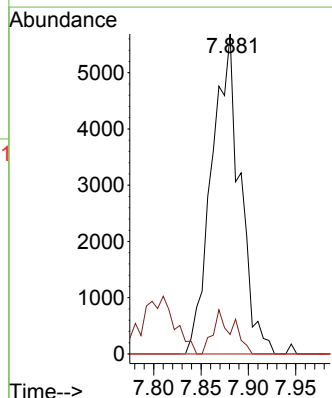
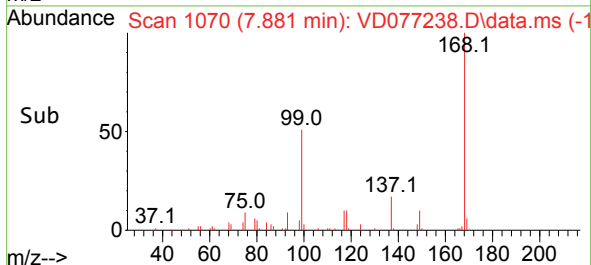
Tgt Ion:113 Resp: 110598
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 18.0 16.8 25.2

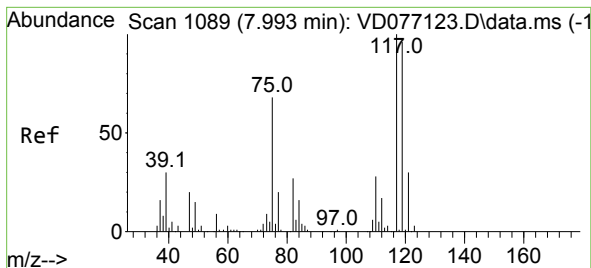


#36
1,1-Dichloropropene
Concen: 3.362 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13



Tgt Ion: 75 Resp: 11860
Ion Ratio Lower Upper
75 100
110 9.6 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.424 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

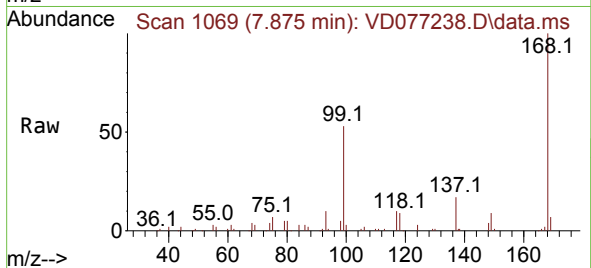
Lab File: VD077238.D

Acq: 28 Sep 2023 19:13

Instrument :

MSVOA_D

ClientSampleId :



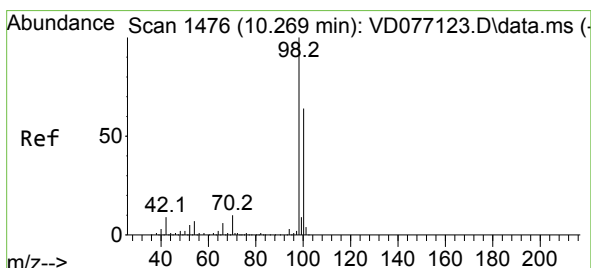
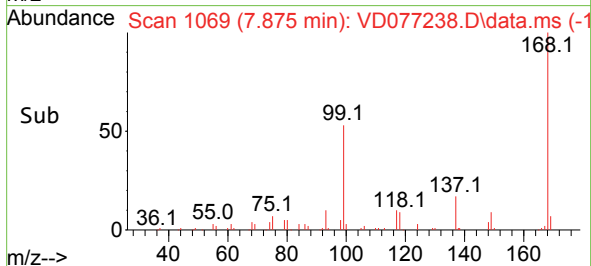
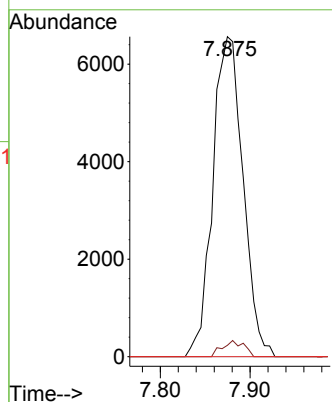
Tgt Ion:117 Resp: 15342

Ion Ratio Lower Upper

117 100

119 3.5 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.021 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077238.D

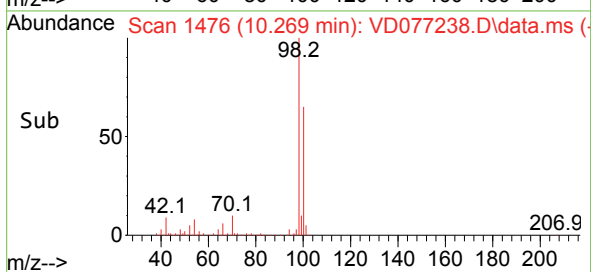
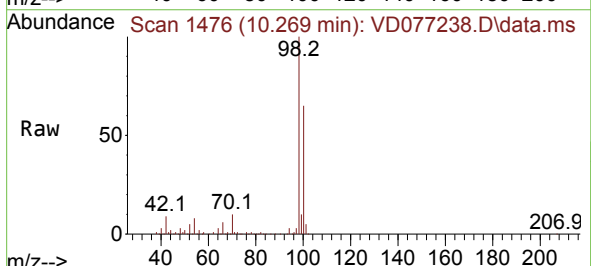
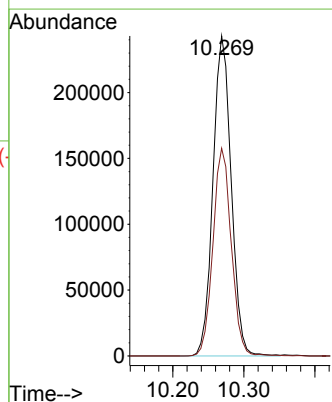
Acq: 28 Sep 2023 19:13

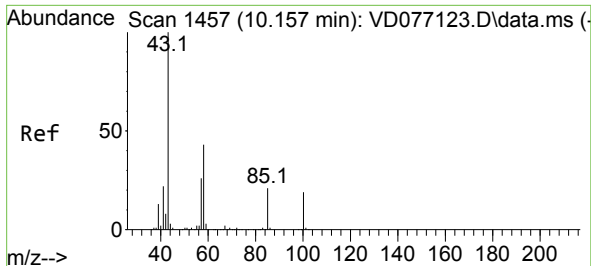
Tgt Ion: 98 Resp: 433785

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

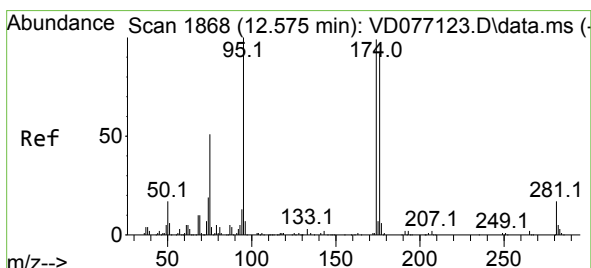
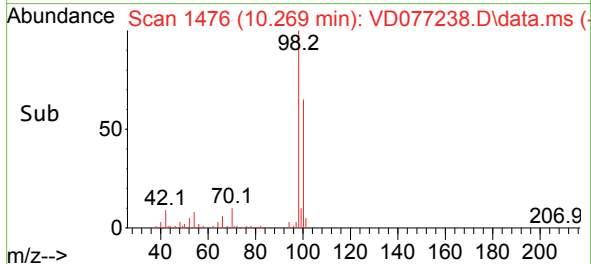
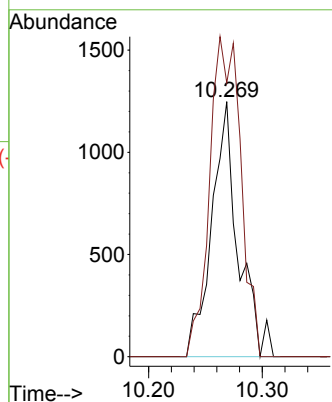
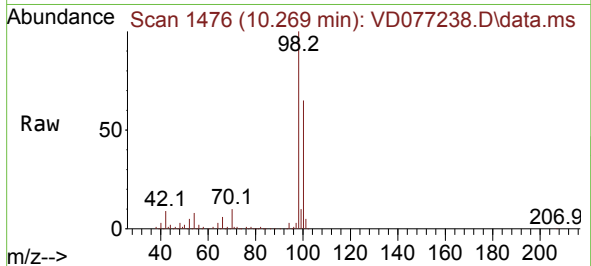




#51
4-Methyl-2-Pentanone
Concen: 1.556 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

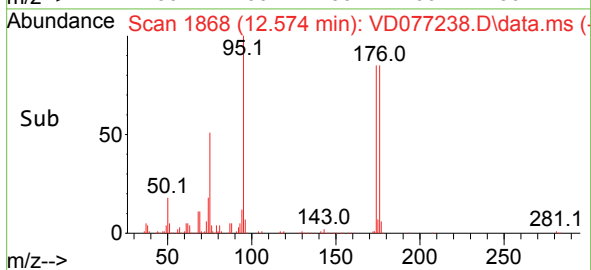
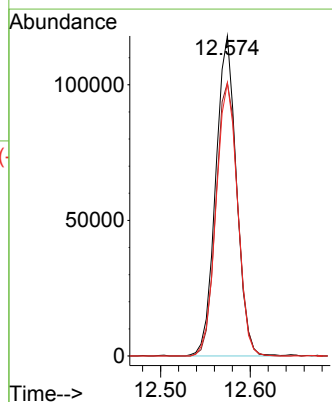
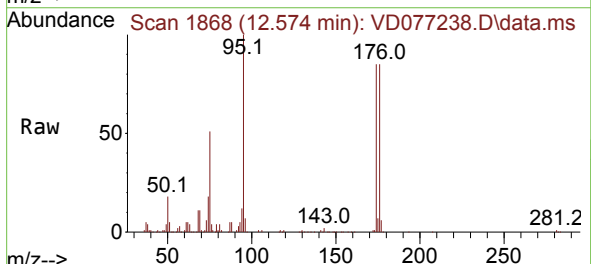
Instrument :
MSVOA_D
ClientSampleId :

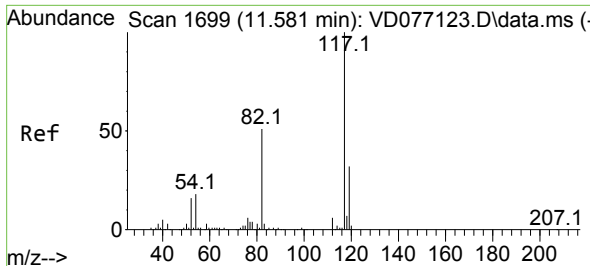
Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
58 146.6 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 73.321 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

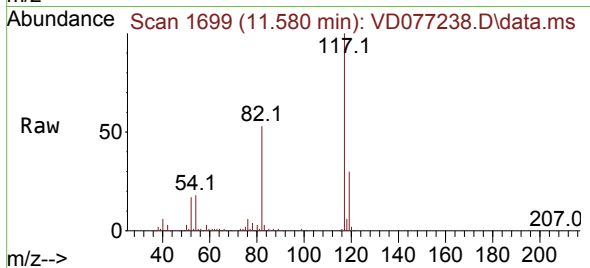
Tgt Ion: 95 Resp: 189501
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 87.7 0.0 191.8



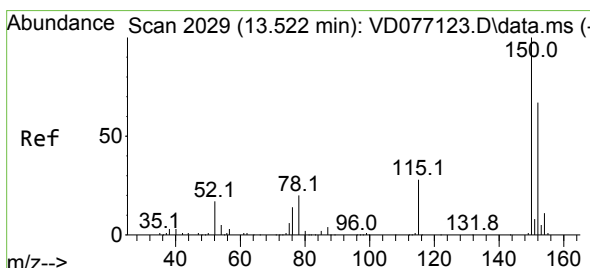
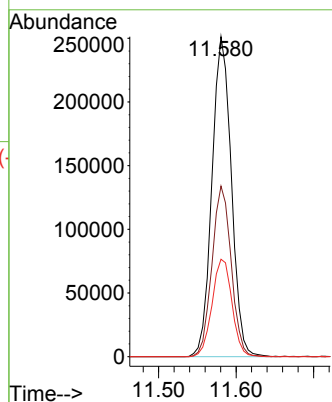
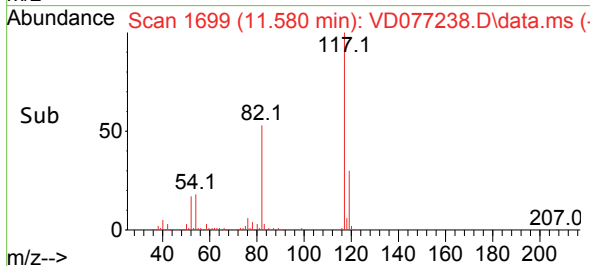


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

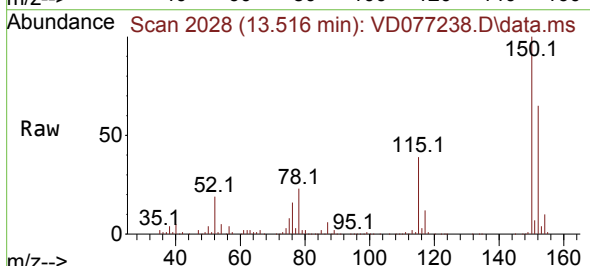
Instrument :
MSVOA_D
ClientSampleId :



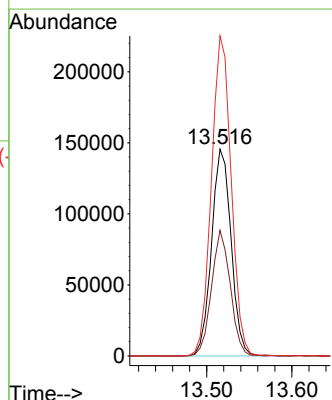
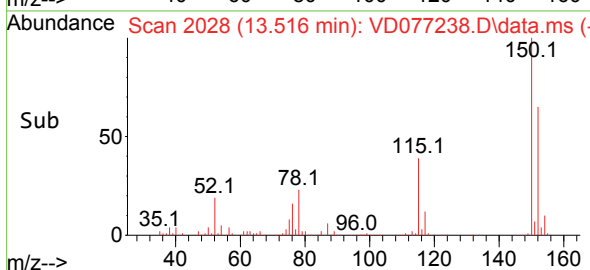
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	38.3	57.5
119	30.4	25.0	37.4

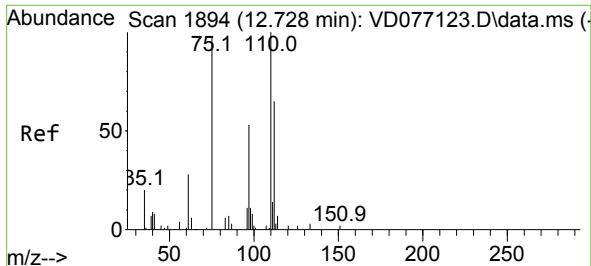


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.1	81.3
150	156.5	0.0	353.6

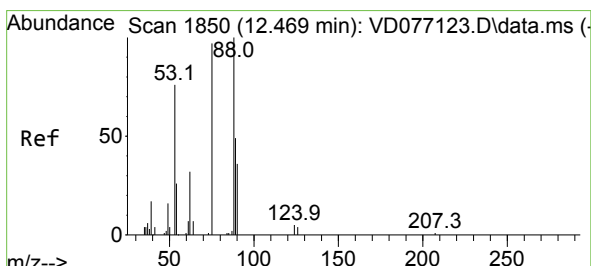
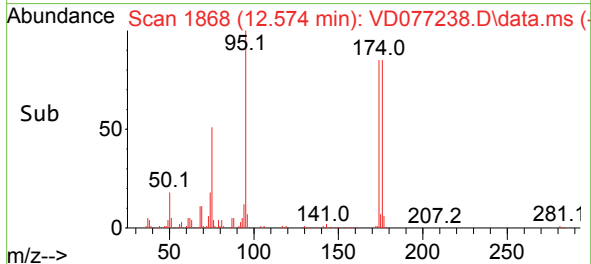
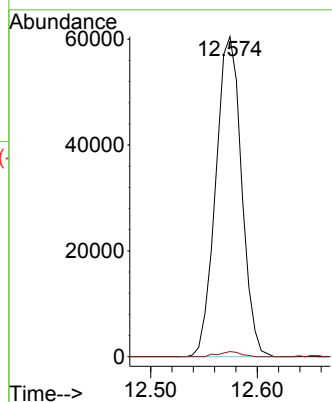
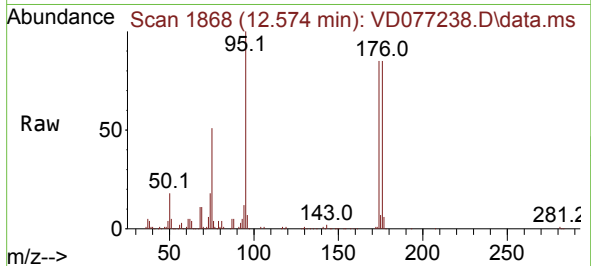




#76
1,2,3-Trichloropropane
Concen: 54.942 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 101721
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.995 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Tgt Ion: 75 Resp: 101721
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

