

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077317.D
 Acq On : 12 Oct 2023 14:20
 Operator : JC/SY
 Sample : VD1012SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 13 02:30:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

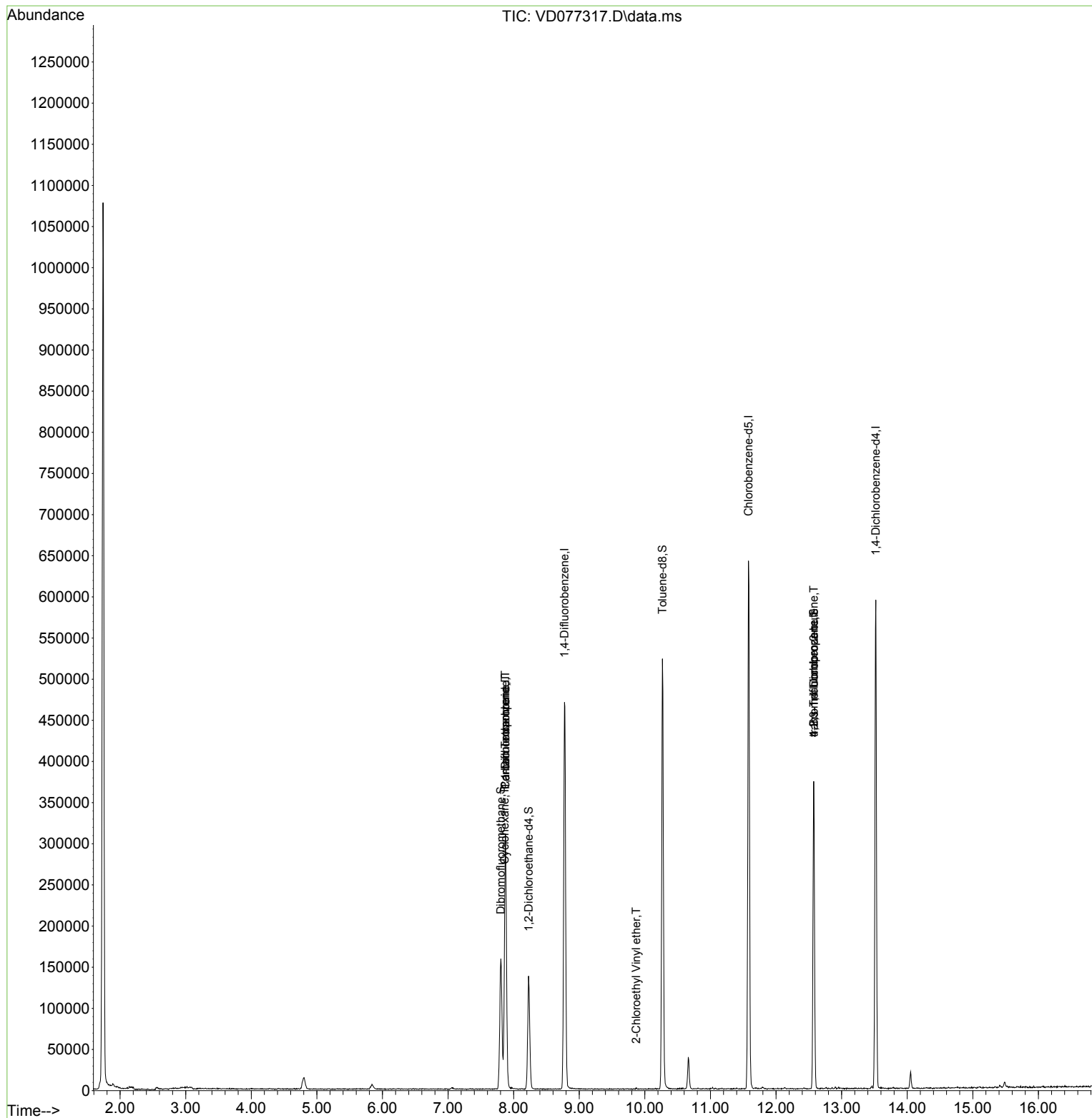
Internal Standards						
1) Pentafluorobenzene	7.875	168	231448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	433872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	389927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	159783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100463	55.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.804	113	116170	51.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.269	98	366013	48.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.574	95	107341	42.186	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.798	84	11340	Below Cal	#	85
31) Cyclohexane	7.863	56	5420	1.227	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	19490	4.617	ug/l #	47
38) Carbon Tetrachloride	7.875	117	23265	6.120	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.869	63	465	13.290	ug/l #	43
76) 1,2,3-Trichloropropane	12.574	75	56644	34.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	56644	76.490	ug/l #	17

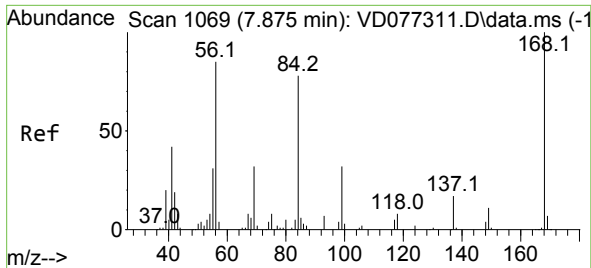
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

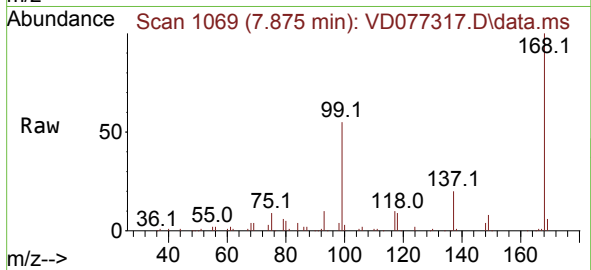
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 2023
Response via : Initial Calibration



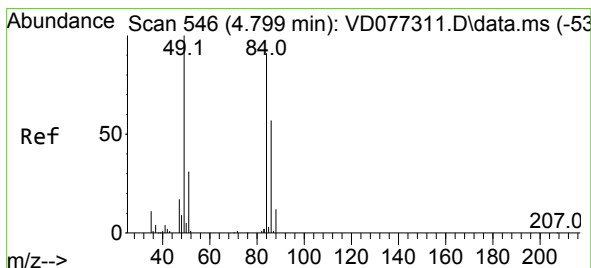
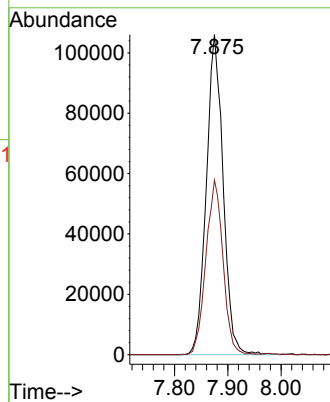
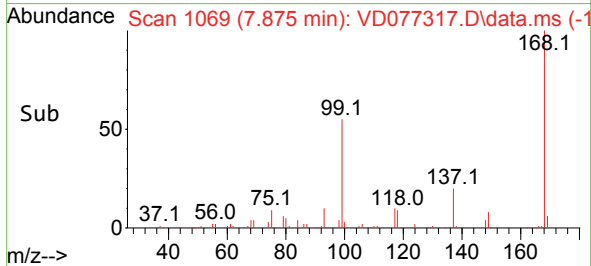


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

Instrument :
MSVOA_D
ClientSampleId :

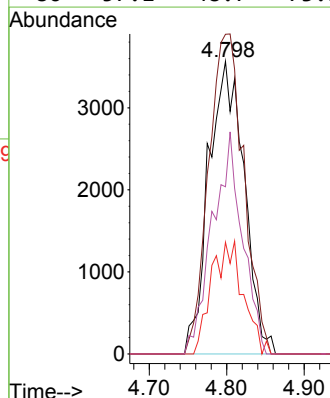
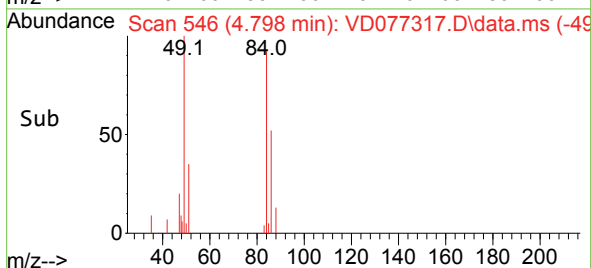
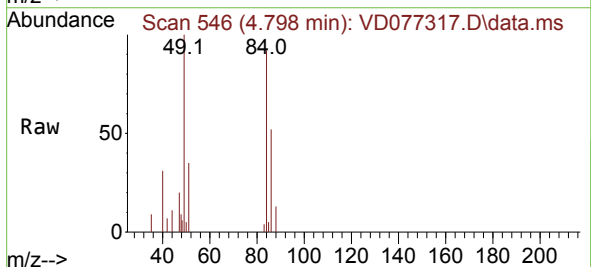


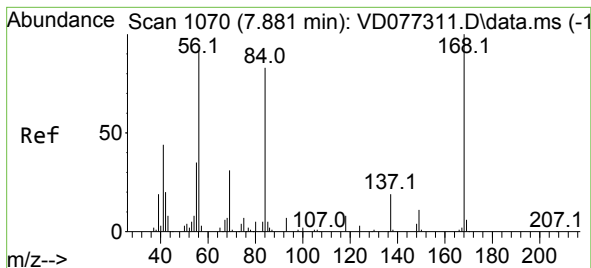
Tgt Ion:168 Resp: 231448
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

Tgt Ion: 84 Resp: 11340
Ion Ratio Lower Upper
84 100
49 109.3 71.4 107.2#
51 38.2 24.5 36.7#
86 57.1 48.7 73.1





#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.018 min

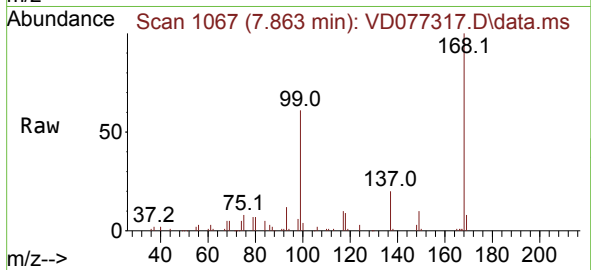
Lab File: VD077317.D

Acq: 12 Oct 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :



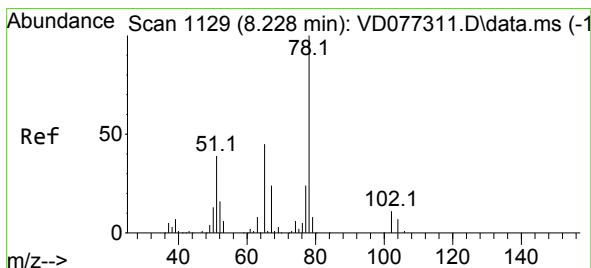
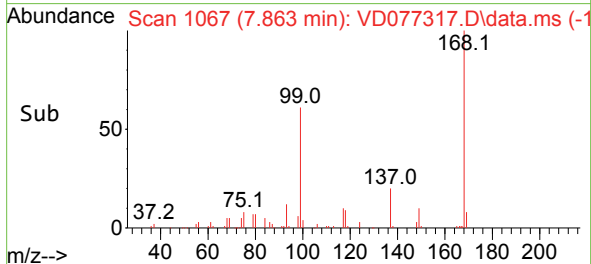
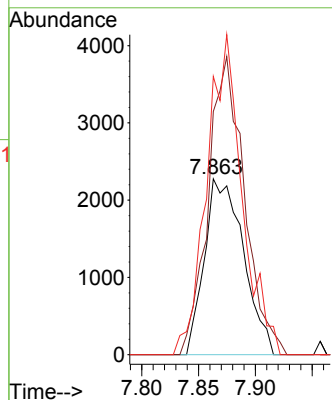
Tgt Ion: 56 Resp: 5420

Ion Ratio Lower Upper

56 100

69 138.3 28.6 43.0#

84 158.1 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 55.212 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077317.D

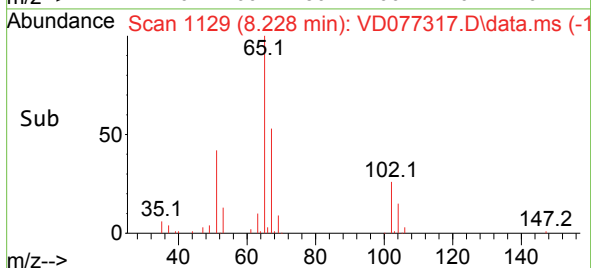
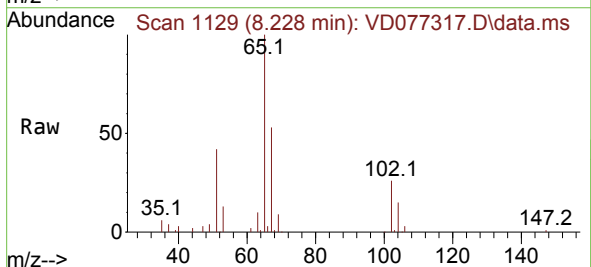
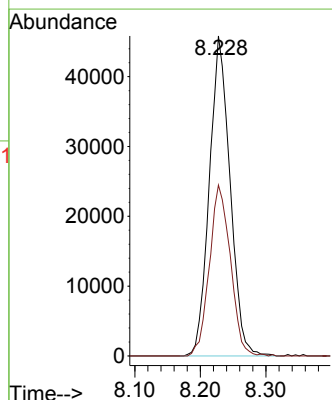
Acq: 12 Oct 2023 14:20

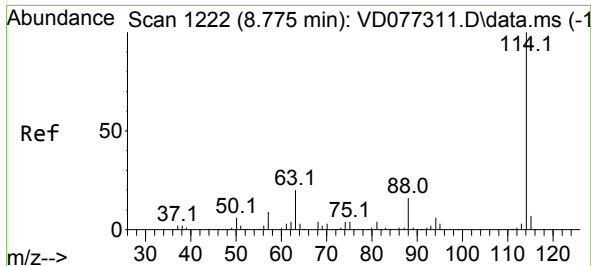
Tgt Ion: 65 Resp: 100463

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077317.D

Acq: 12 Oct 2023 14:20

Instrument :

MSVOA_D

ClientSampleId :

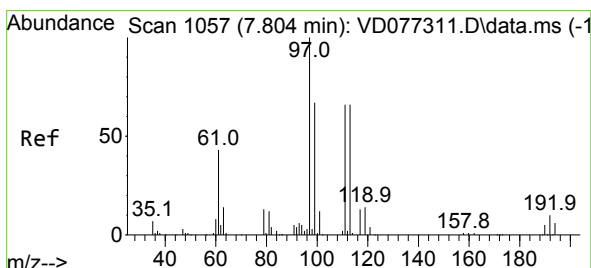
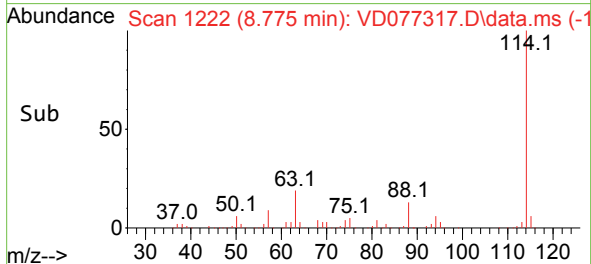
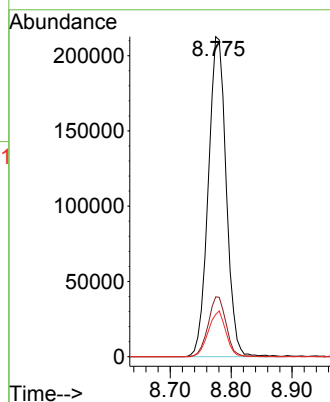
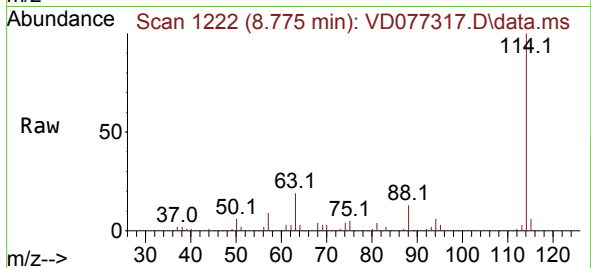
Tgt Ion:114 Resp: 433872

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.419 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077317.D

Acq: 12 Oct 2023 14:20

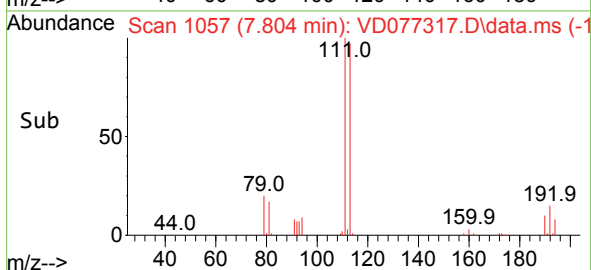
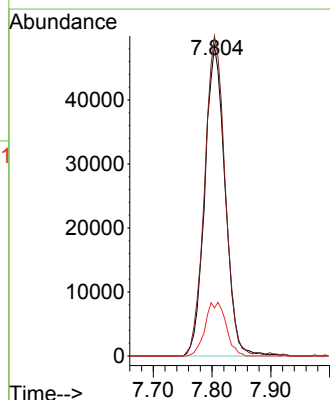
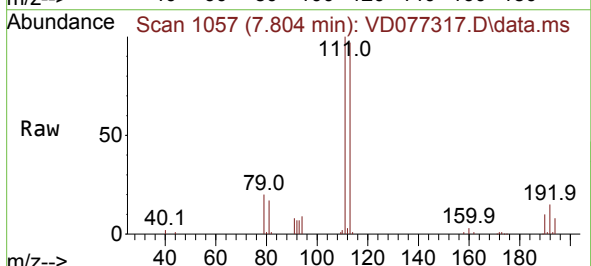
Tgt Ion:113 Resp: 116170

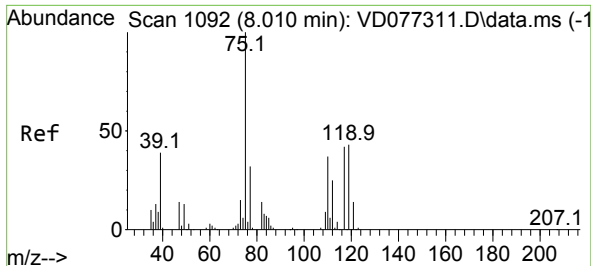
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 17.9 16.8 25.2

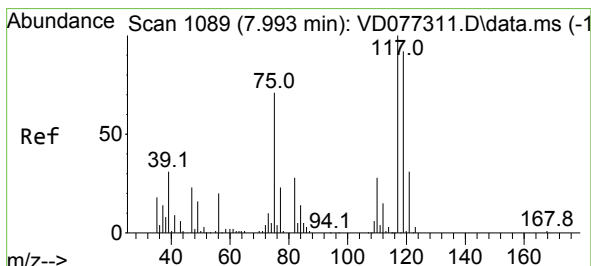
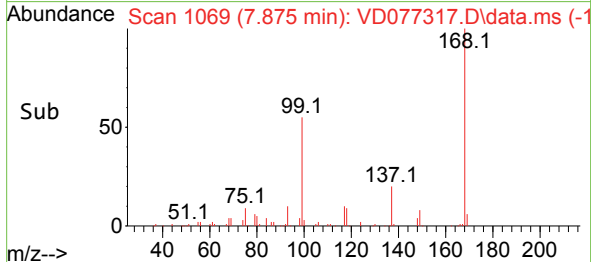
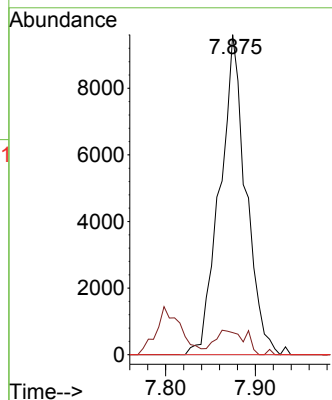
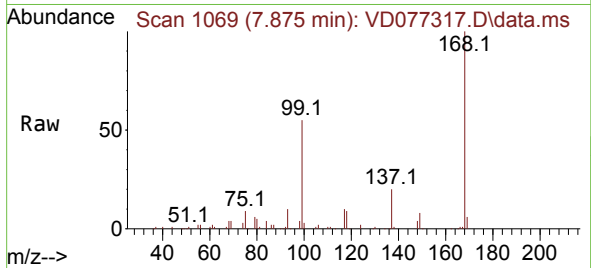




#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

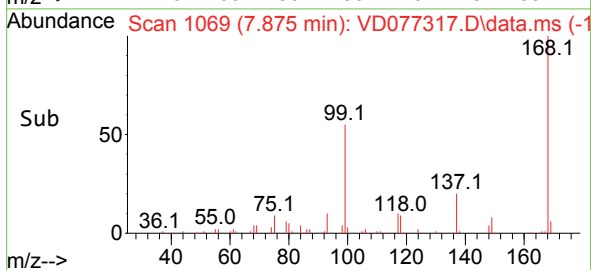
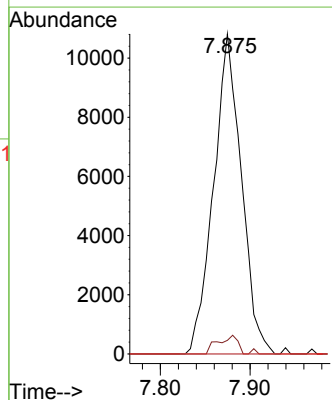
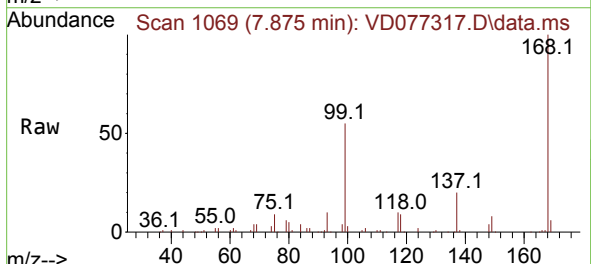
Instrument :
MSVOA_D
ClientSampleId :

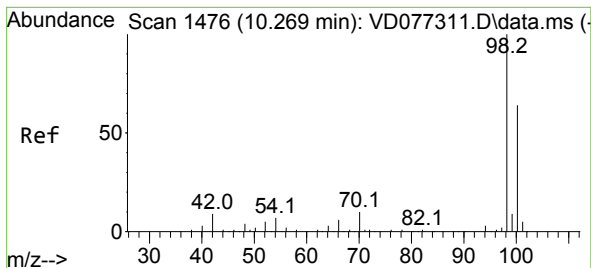
Tgt Ion: 75 Resp: 19490
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

Tgt Ion: 117 Resp: 23265
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.2 36.2#

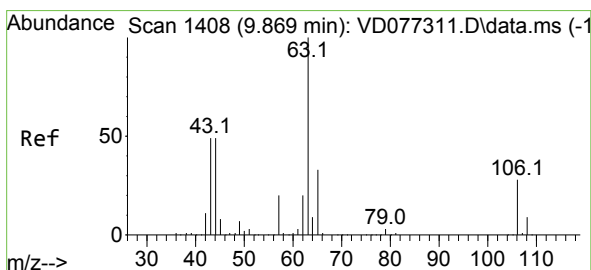
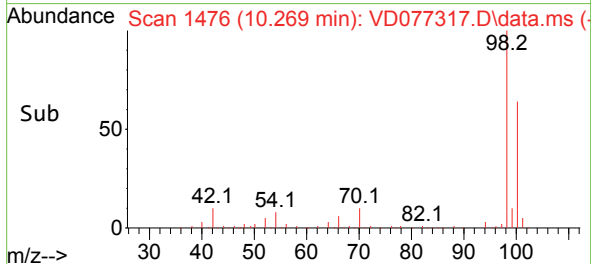
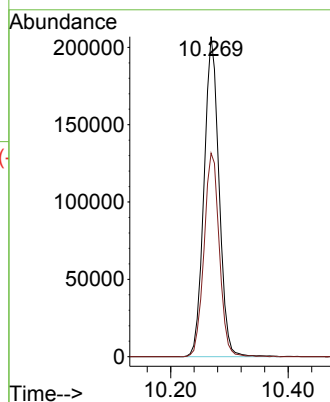
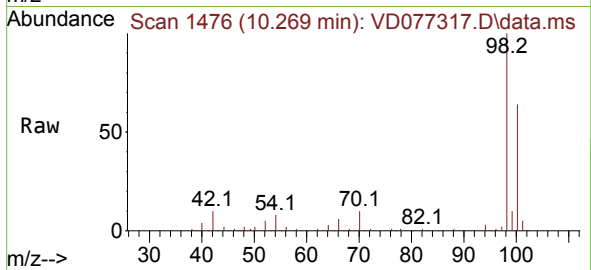




#50
Toluene-d8
Concen: 48.313 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

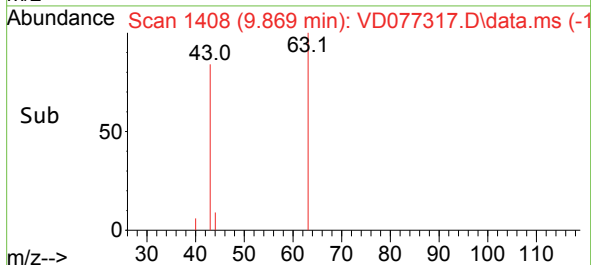
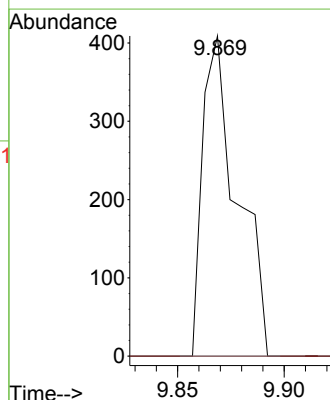
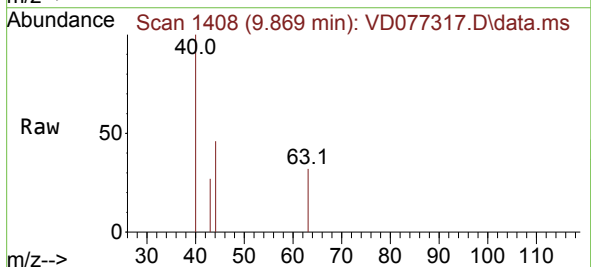
Instrument :
MSVOA_D
ClientSampleId :

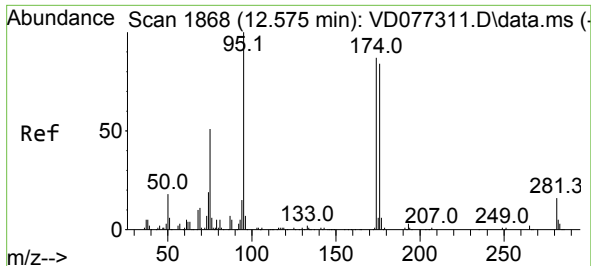
Tgt Ion: 98 Resp: 366013
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#58
2-Chloroethyl Vinyl ether
Concen: 13.290 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

Tgt Ion: 63 Resp: 465
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#

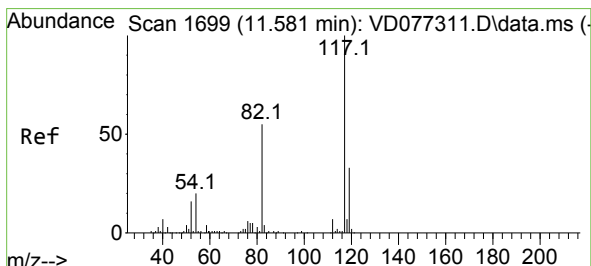
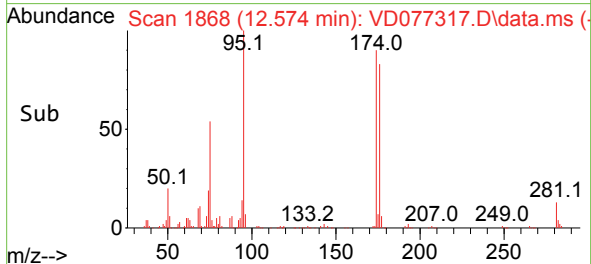
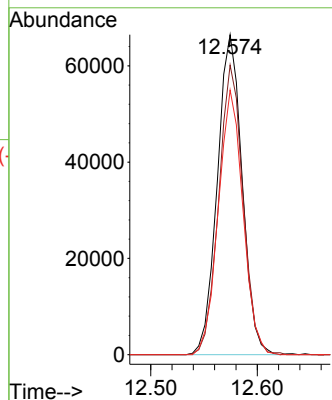
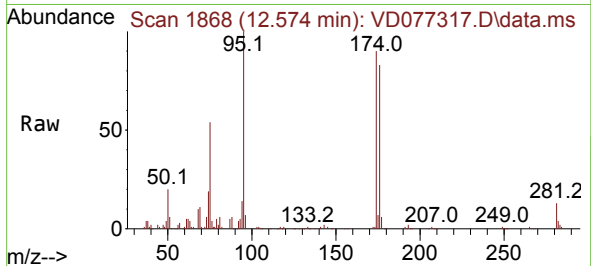




#62
4-Bromofluorobenzene
Concen: 42.186 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

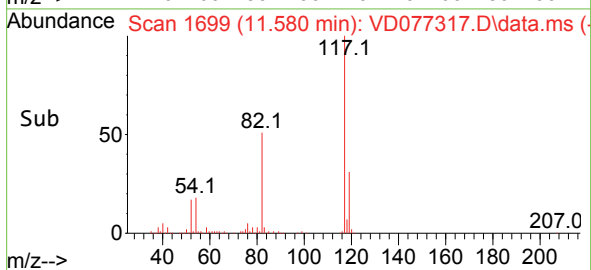
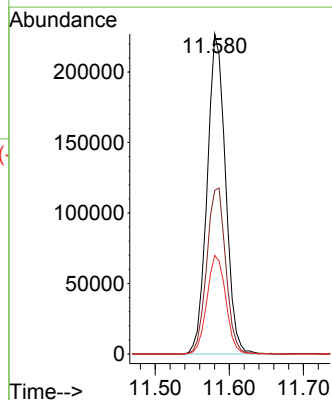
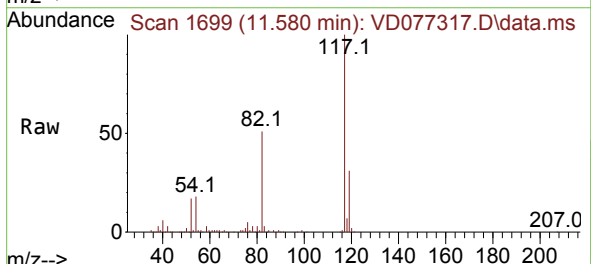
Instrument :
MSVOA_D
ClientSampleId :

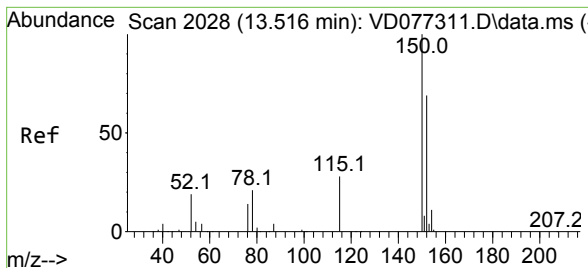
Tgt Ion: 95 Resp: 107341
Ion Ratio Lower Upper
95 100
174 88.7 0.0 201.8
176 82.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077317.D
Acq: 12 Oct 2023 14:20

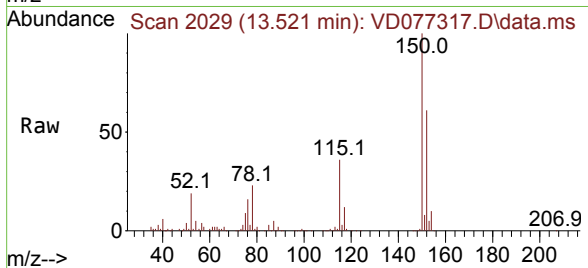
Tgt Ion: 117 Resp: 389927
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 30.8 25.0 37.4



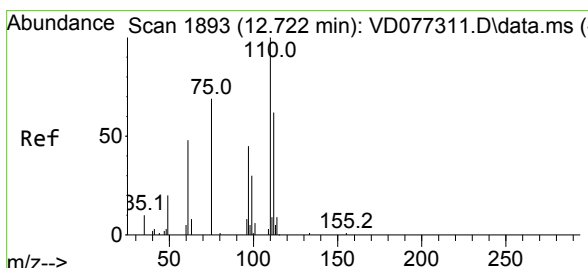
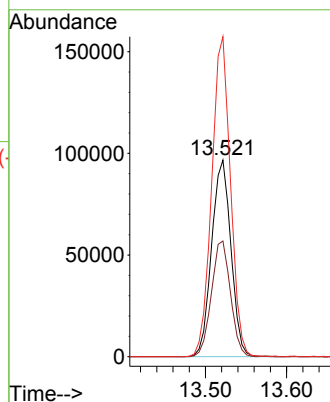
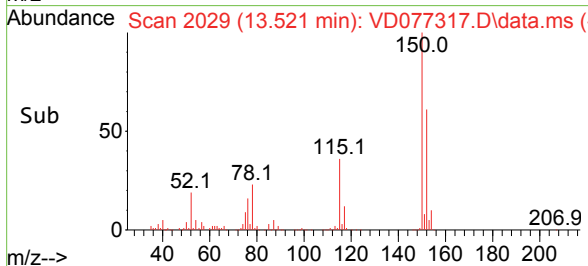


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD077317.D
 Acq: 12 Oct 2023 14:20

Instrument :
 MSVOA_D
 ClientSampleId :

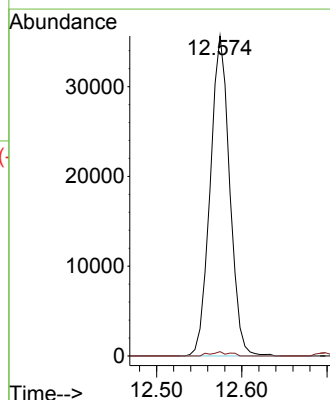
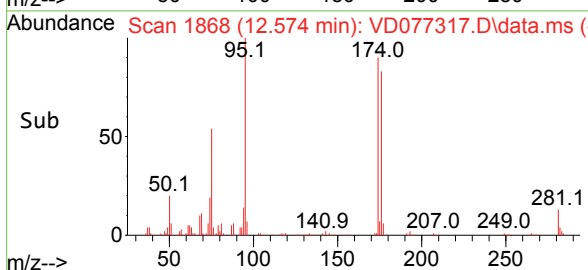
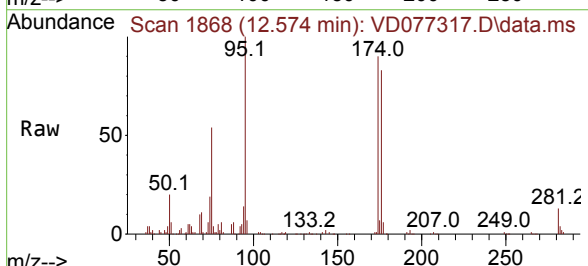


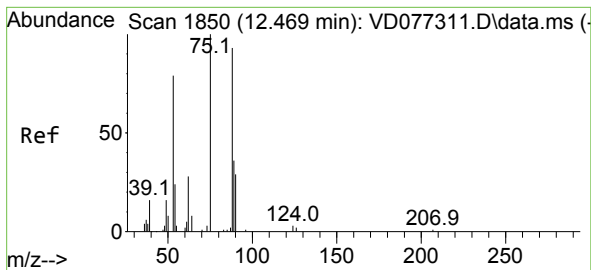
Tgt Ion:152 Resp: 159783
 Ion Ratio Lower Upper
 152 100
 115 58.0 27.1 81.3
 150 157.8 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 34.224 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD077317.D
 Acq: 12 Oct 2023 14:20

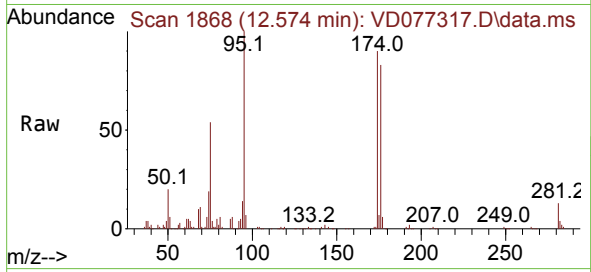
Tgt Ion: 75 Resp: 56644
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.490 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077317.D
 Acq: 12 Oct 2023 14:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	56644
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.2	37.9	56.9#

