

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077061.D
 Acq On : 29 Aug 2023 14:52
 Operator : JC/SY
 Sample : 04196-24
 Misc : 3.22G/5.2ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

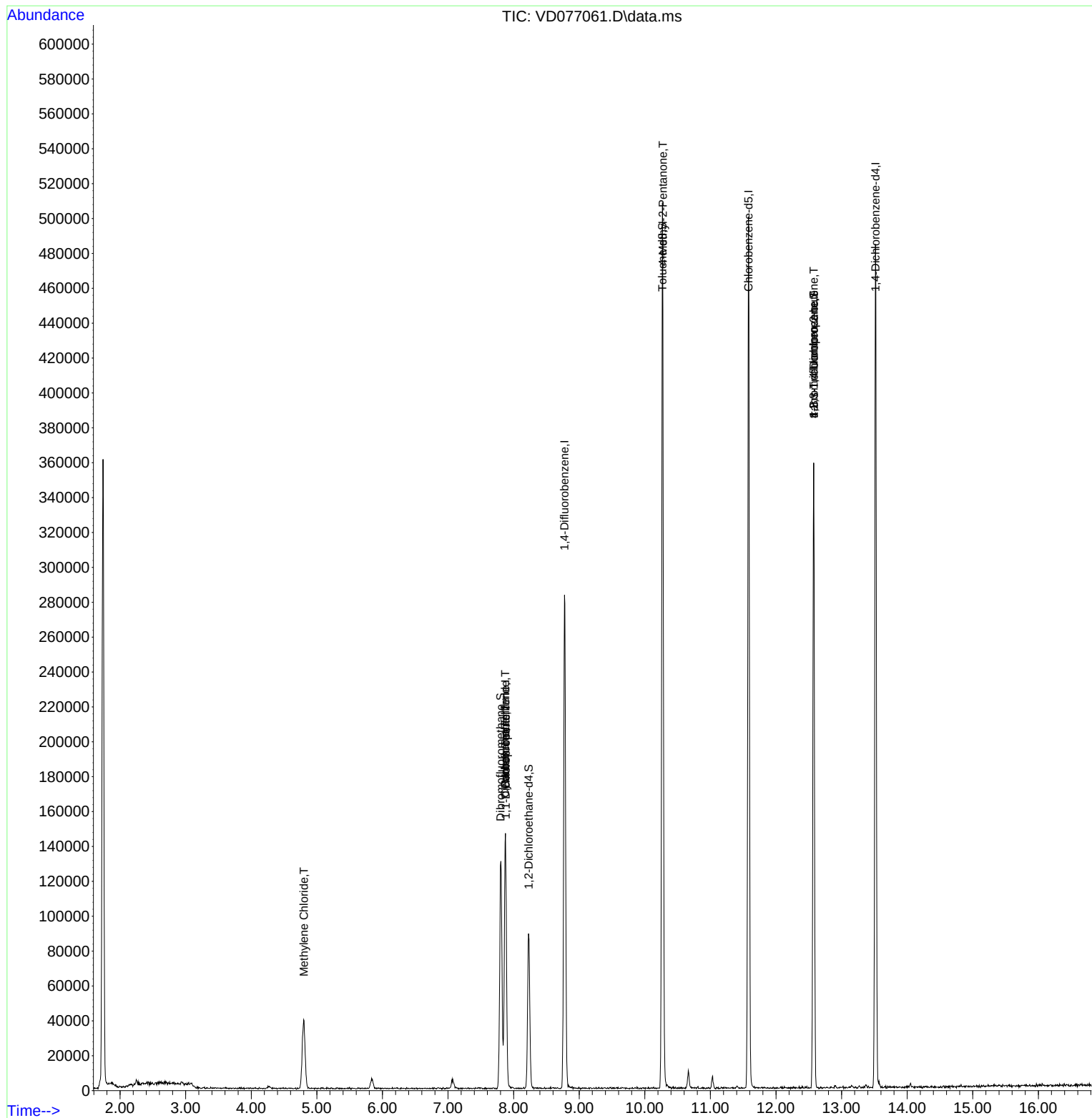
Internal Standards						
1) Pentafluorobenzene	7.875	168	116120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70485	61.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.300%
35) Dibromofluoromethane	7.799	113	96829	54.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.269	98	351859	54.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.575	95	108077	56.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	271	Below Cal	#	41
20) Methylene Chloride	4.805	84	33598	18.055	ug/l	96
31) Cyclohexane	7.869	56	2567	1.405	ug/l #	27
36) 1,1-Dichloropropene	7.881	75	9185	3.596	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11232	4.349	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1331	1.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	55279	42.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55279	98.008	ug/l #	17

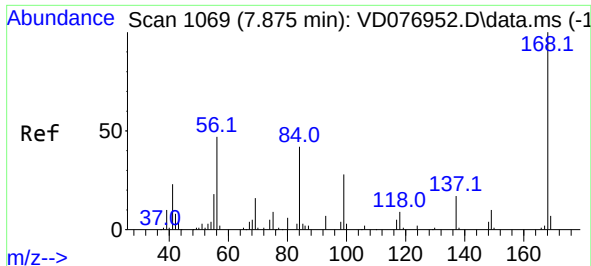
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
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MSVOA_D
ClientSampleId :

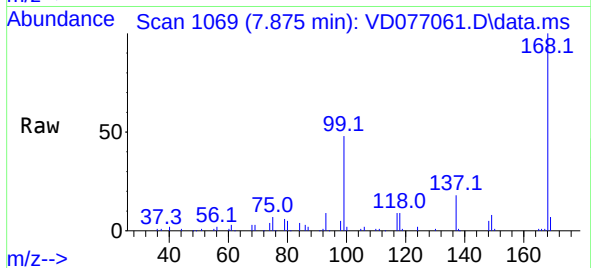
Quant Time: Aug 29 21:00:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



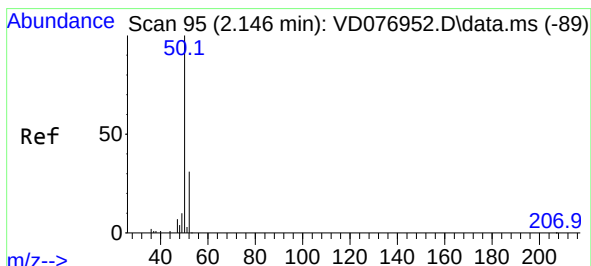
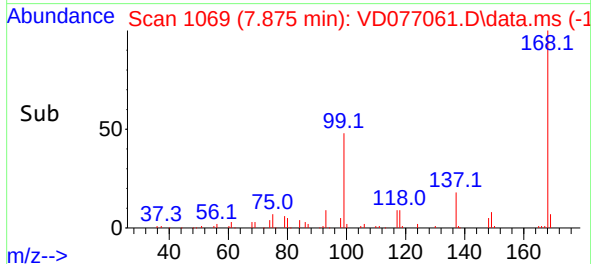
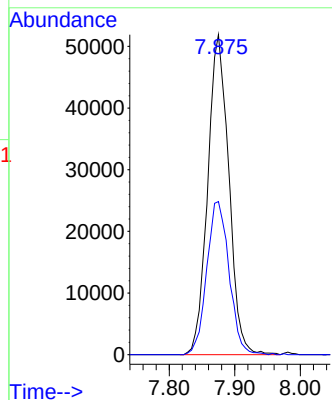


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :

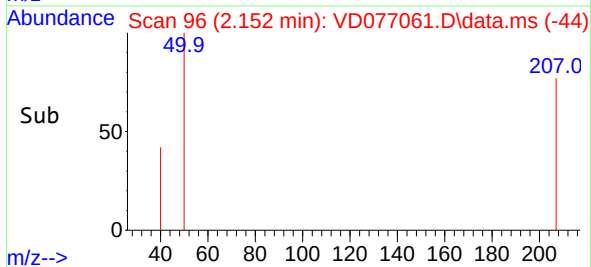
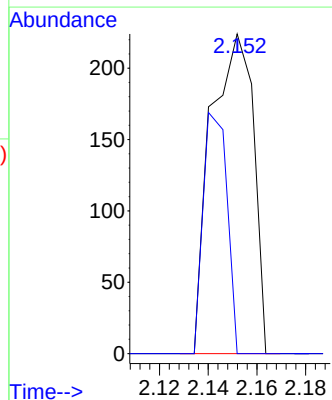
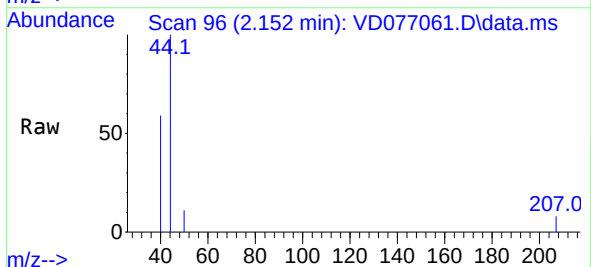


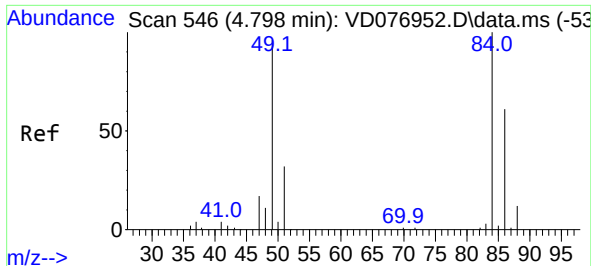
Tgt Ion:168 Resp: 116120
Ion Ratio Lower Upper
168 100
99 47.9 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



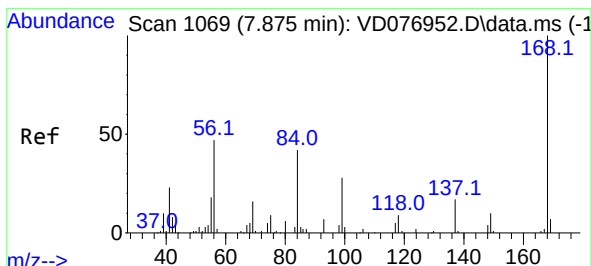
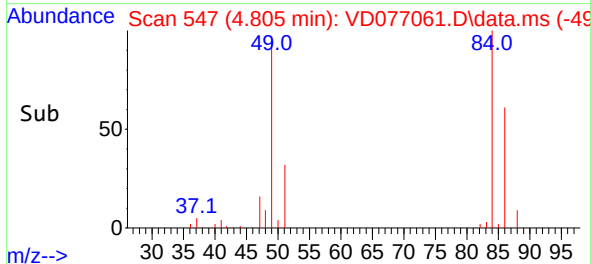
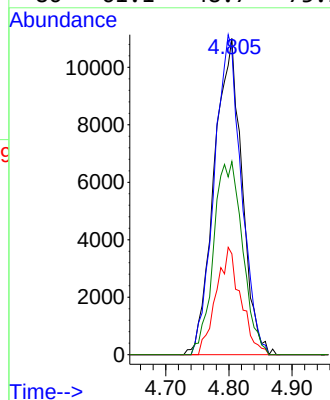
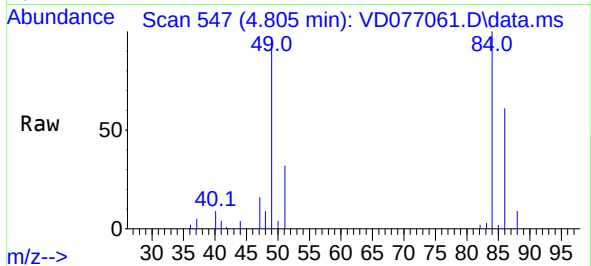


#20
Methylene Chloride
Concen: 18.055 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.007 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 33598

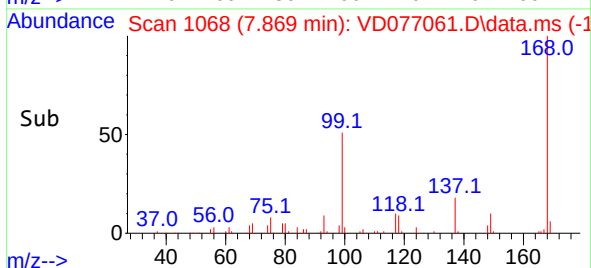
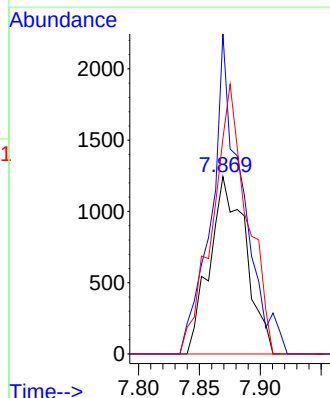
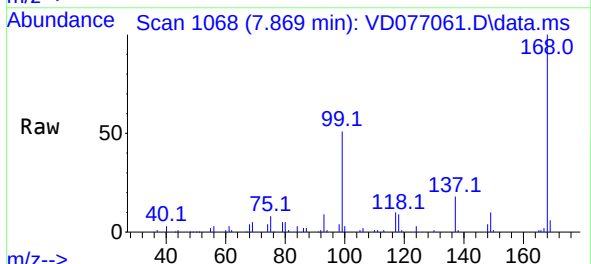
Ion	Ratio	Lower	Upper
84	100		
49	96.5	71.4	107.2
51	31.9	24.5	36.7
86	61.1	48.7	73.1

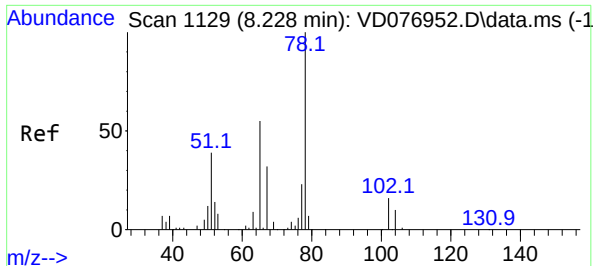


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 56 Resp: 2567

Ion	Ratio	Lower	Upper
56	100		
69	180.3	28.6	43.0#
84	121.4	84.8	127.2

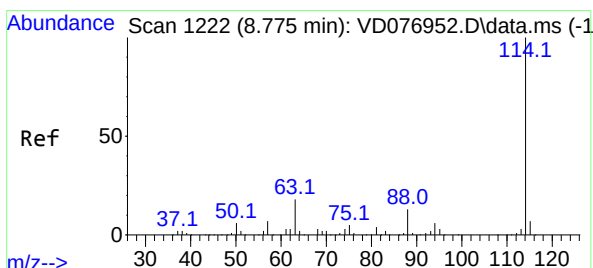
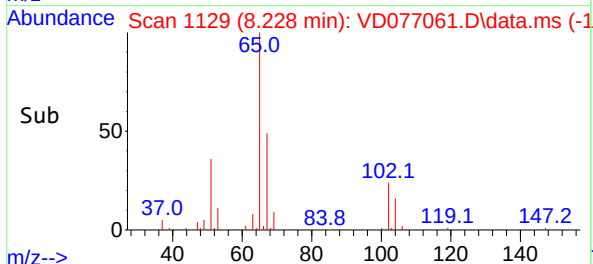
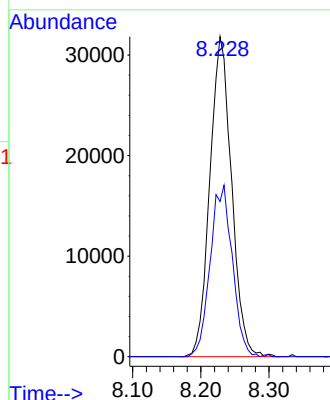
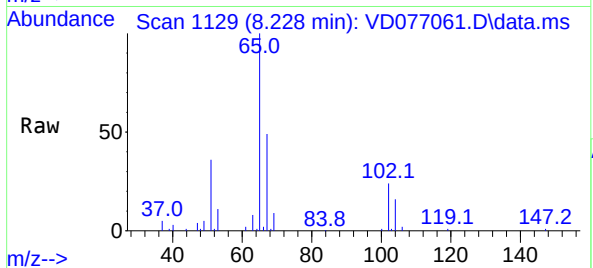




#33
1,2-Dichloroethane-d4
Concen: 61.652 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

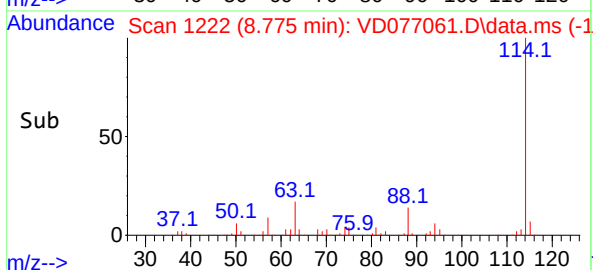
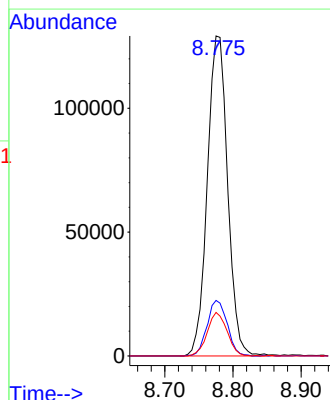
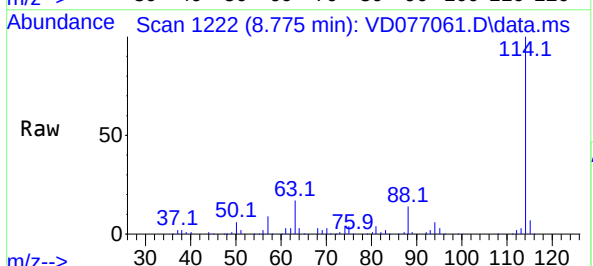
Instrument :
MSVOA_D
ClientSampleId :

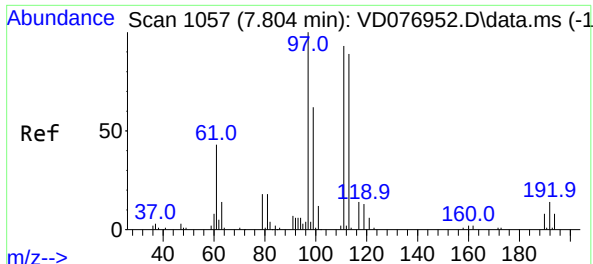
Tgt Ion: 65 Resp: 70485
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

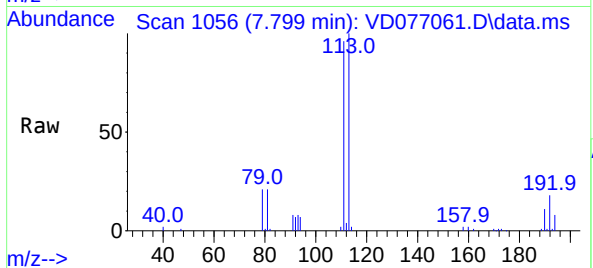
Tgt Ion:114 Resp: 268391
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.6 0.0 26.2



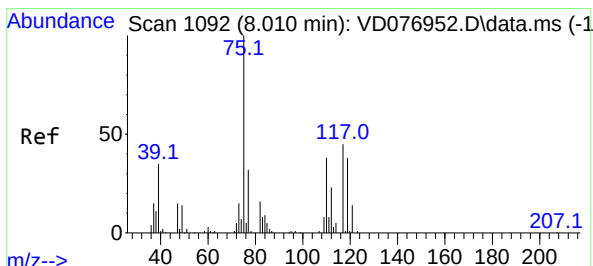
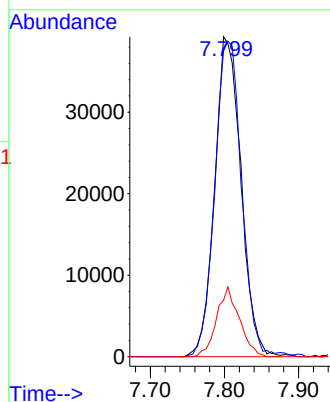
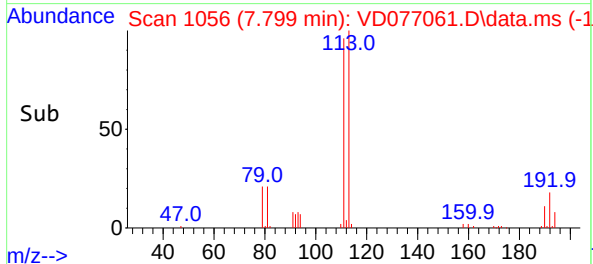


#35
Dibromofluoromethane
Concen: 54.003 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

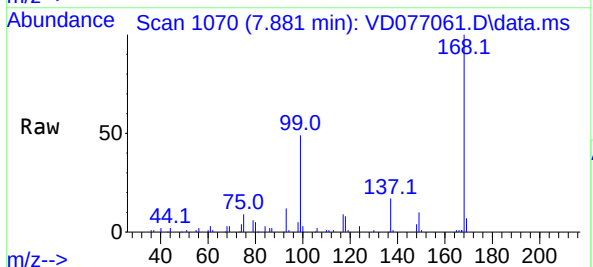
Instrument :
MSVOA_D
ClientSampleId :



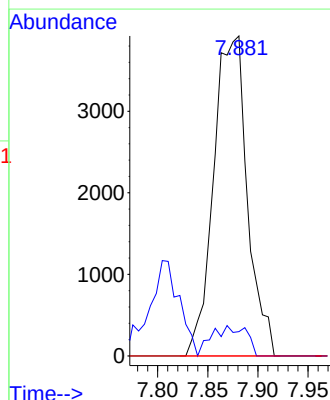
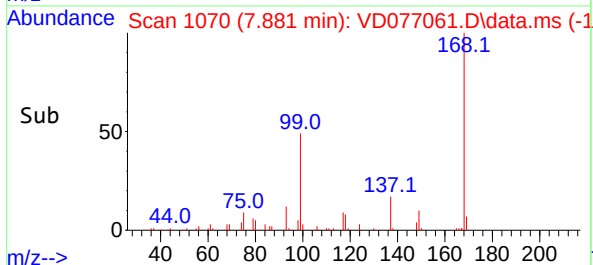
Tgt Ion:113 Resp: 96829
Ion Ratio Lower Upper
113 100
111 99.9 84.7 127.1
192 18.8 16.8 25.2

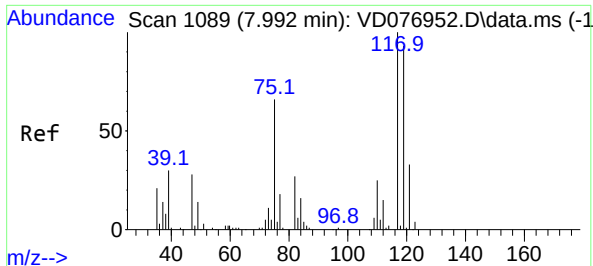


#36
1,1-Dichloropropene
Concen: 3.596 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52



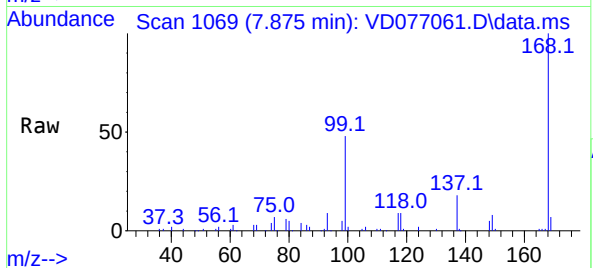
Tgt Ion: 75 Resp: 9185
Ion Ratio Lower Upper
75 100
110 9.6 19.9 59.6#
77 0.0 24.7 37.1#



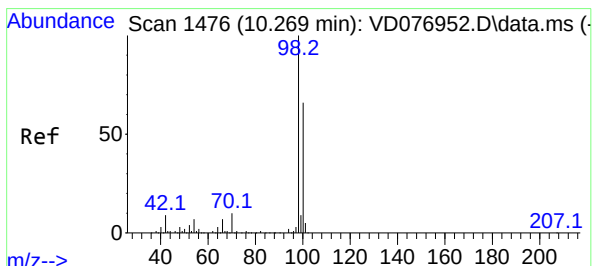
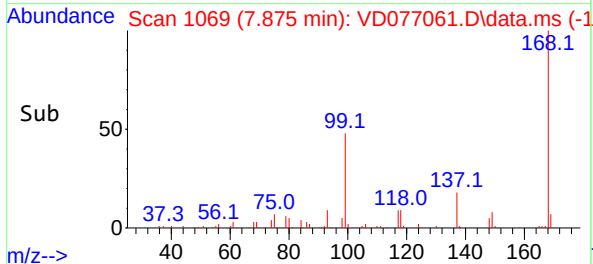
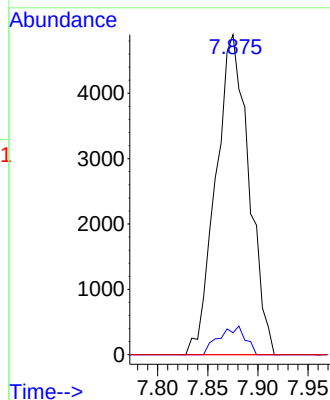


#38
Carbon Tetrachloride
Concen: 4.349 ug/l
RT: 7.875 min Scan# 1117
Delta R.T. -0.117 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :

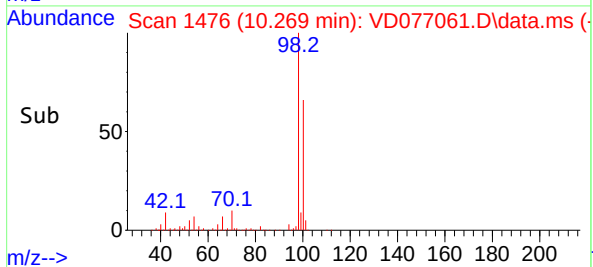
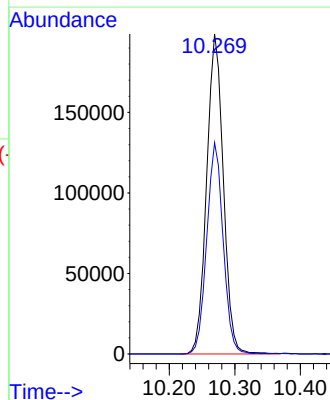
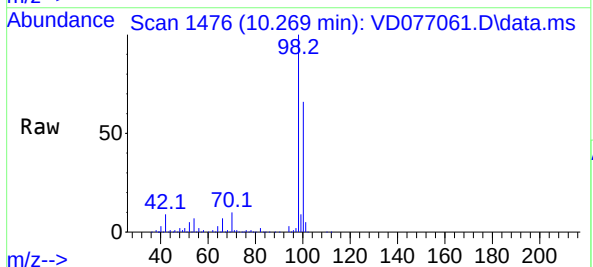


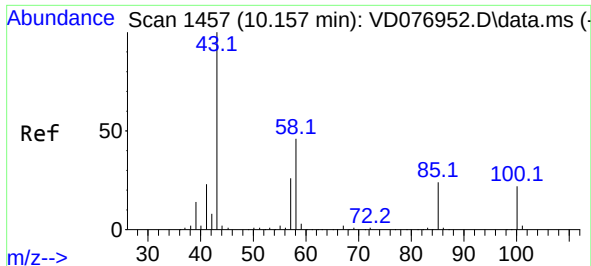
Tgt Ion:117 Resp: 11232
Ion Ratio Lower Upper
117 100
119 6.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.243 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 98 Resp: 351859
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.478 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD077061.D

Acq: 29 Aug 2023 14:52

Instrument :

MSVOA_D

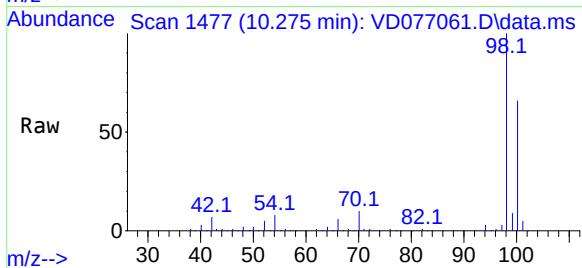
ClientSampleId :

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

43 100

58 181.9 38.9 58.3#



Abundance

1500

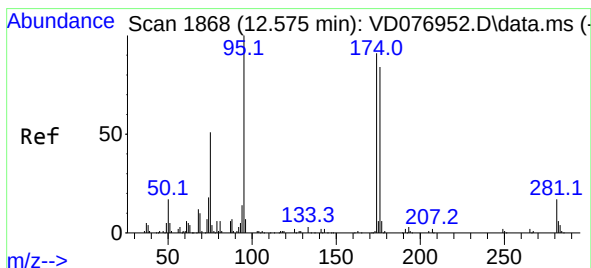
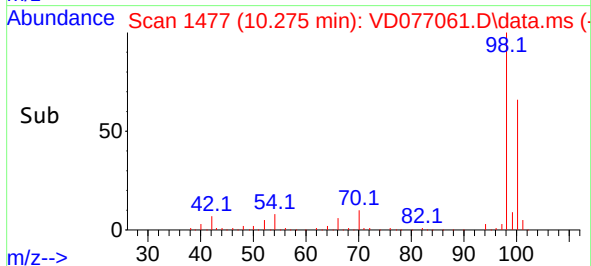
10.275

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.511 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077061.D

Acq: 29 Aug 2023 14:52

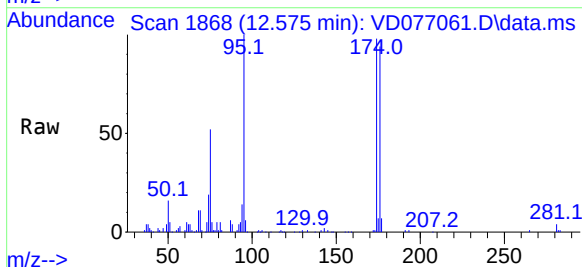
Tgt Ion: 95 Resp: 108077

Ion Ratio Lower Upper

95 100

174 94.3 0.0 201.8

176 90.4 0.0 191.8



Abundance

60000

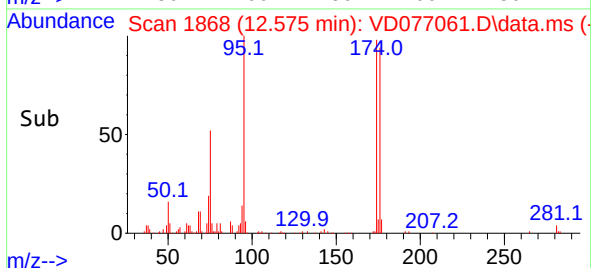
12.575

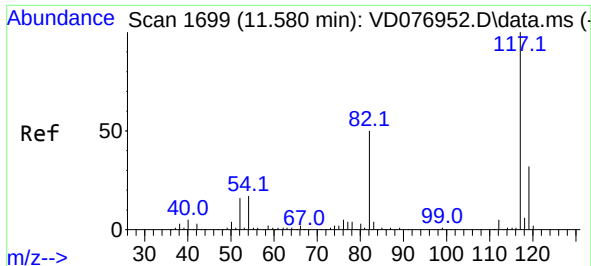
40000

20000

0

Time-->

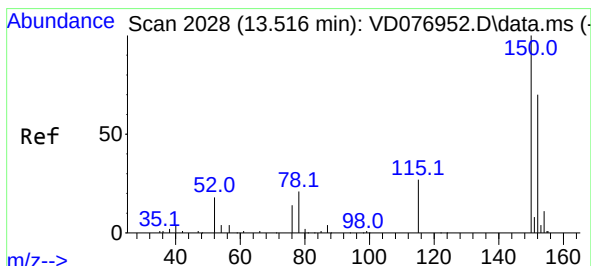
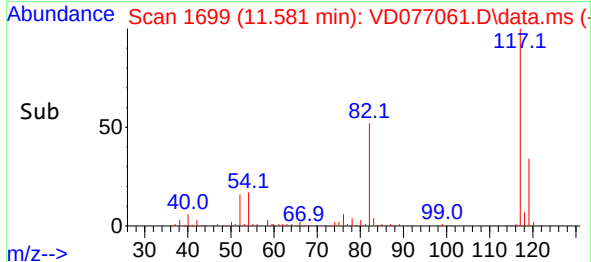
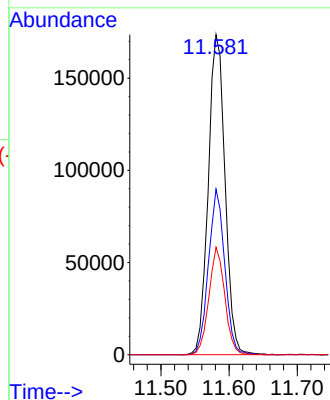
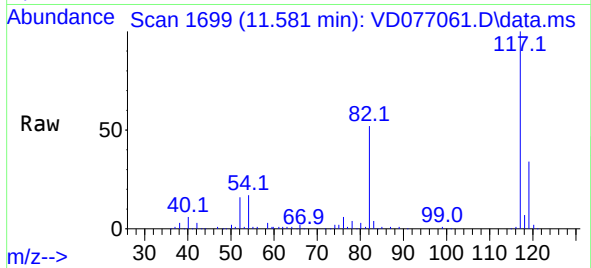




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

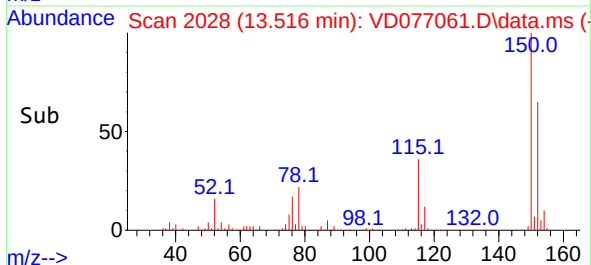
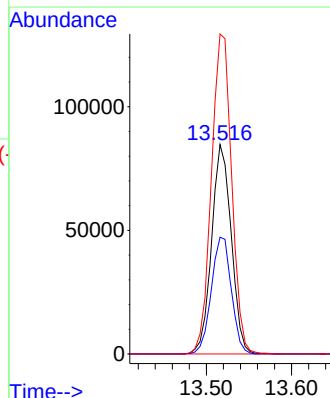
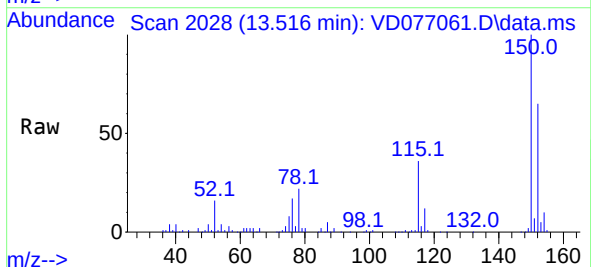
Instrument :
MSVOA_D
ClientSampleId :

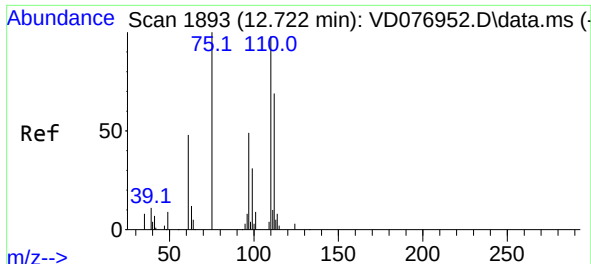
Tgt Ion:117 Resp: 297494
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion:152 Resp: 135772
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 157.4 0.0 353.6

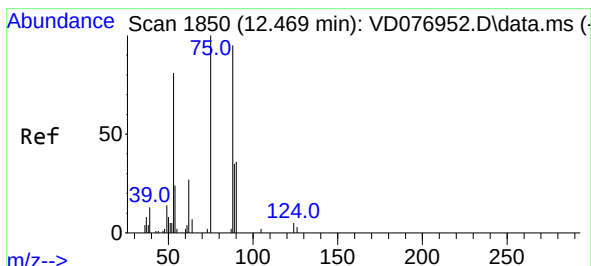
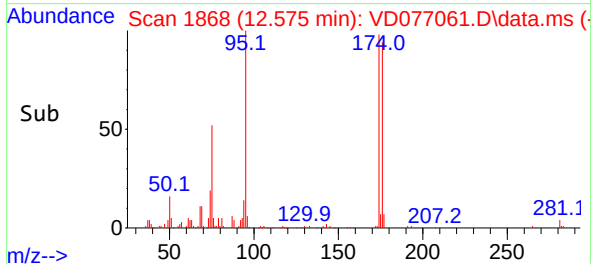
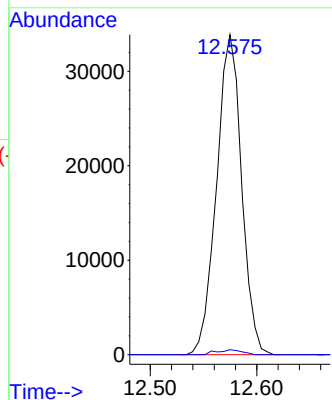
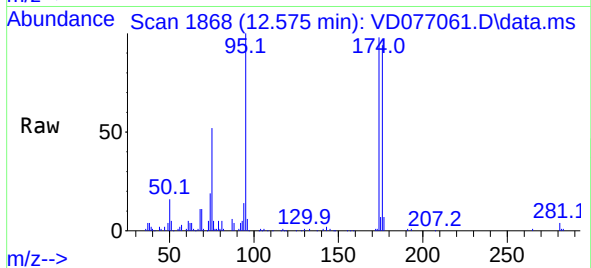




#76
1,2,3-Trichloropropane
Concen: 42.212 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 55279
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.008 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 75 Resp: 55279
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

