

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078827.D
 Acq On : 16 Apr 2024 16:50
 Operator : RP/MD
 Sample : P2126-09
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:35:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

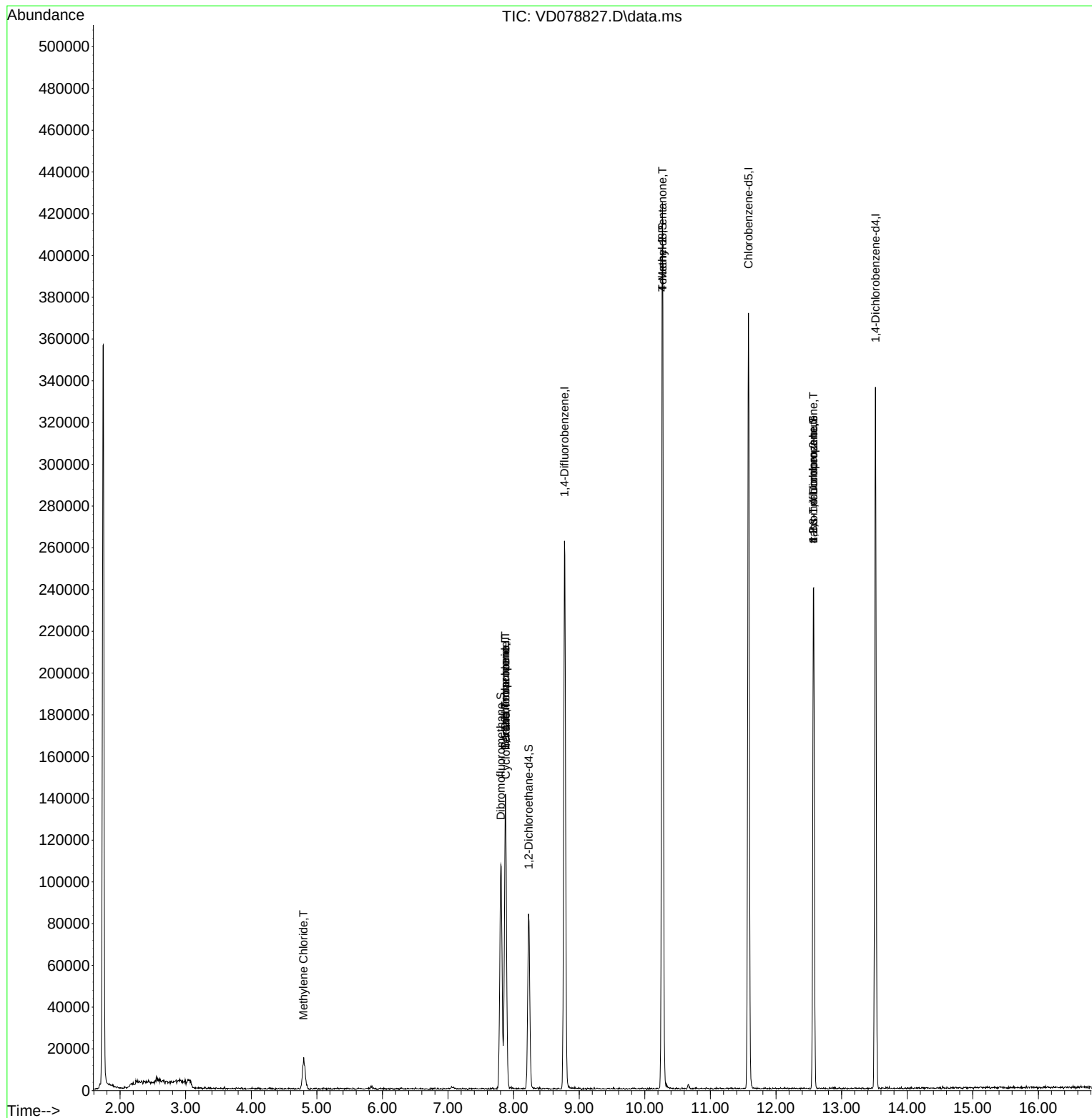
Internal Standards						
1) Pentafluorobenzene	7.875	168	106489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64194	64.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.64%	
35) Dibromofluoromethane	7.805	113	78619	51.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.92%	
50) Toluene-d8	10.269	98	295409	53.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.18%	
62) 4-Bromofluorobenzene	12.569	95	73486	45.14	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.28%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	11248	4.07	ug/l #	91
31) Cyclohexane	7.881	56	2265	1.35	ug/l #	46
36) 1,1-Dichloropropene	7.875	75	8535	3.89	ug/l #	48
38) Carbon Tetrachloride	7.875	117	10165	4.39	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1382	2.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	38613	56.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	38613	117.59	ug/l #	19

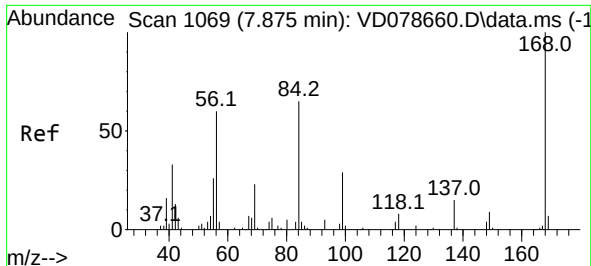
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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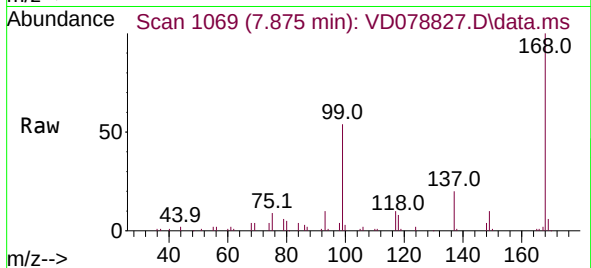
Quant Time: Apr 16 22:35:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



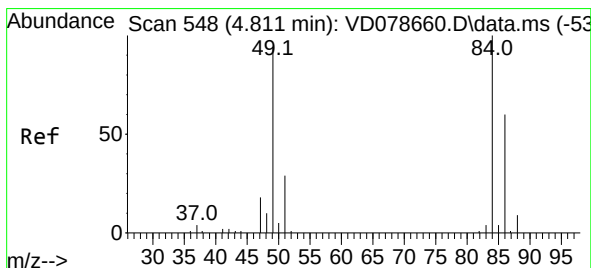
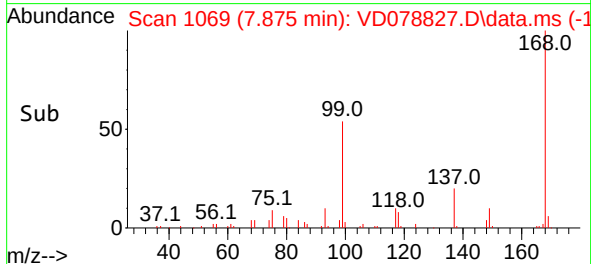
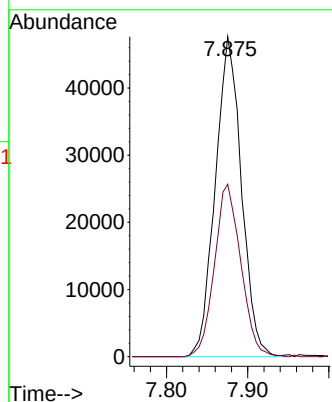


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Instrument :
MSVOA_D
ClientSampleId :

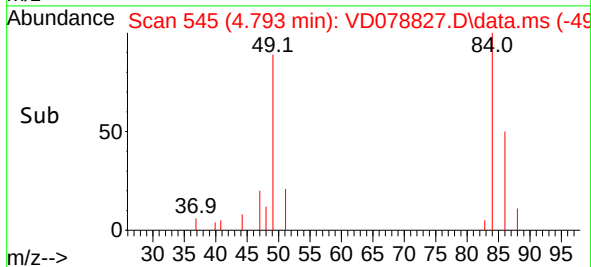
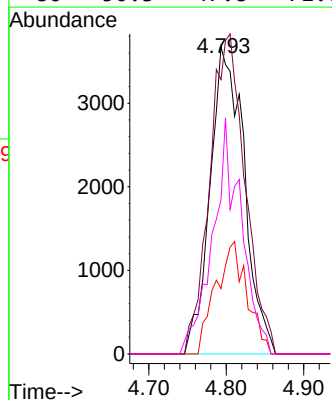
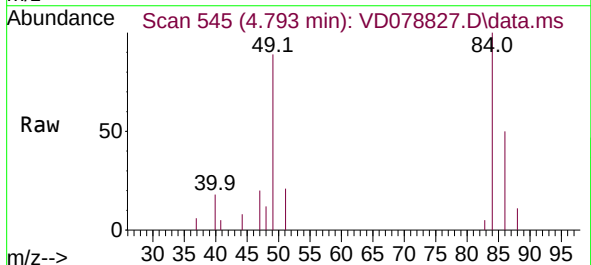


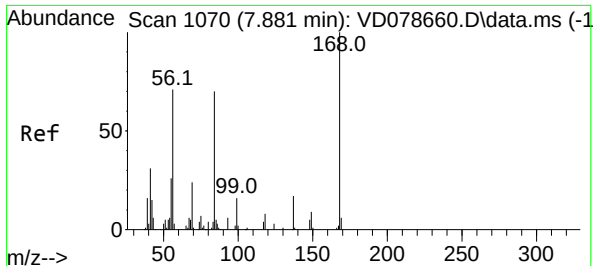
Tgt Ion:168 Resp: 106489
Ion Ratio Lower Upper
168 100
99 53.9 38.8 58.2



#20
Methylene Chloride
Concen: 4.07 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.018 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 84 Resp: 11248
Ion Ratio Lower Upper
84 100
49 89.3 75.6 113.4
51 21.3 23.4 35.0#
86 50.3 47.8 71.6

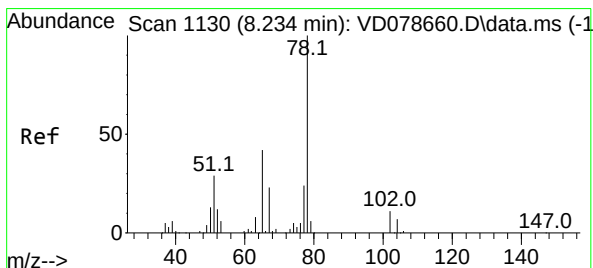
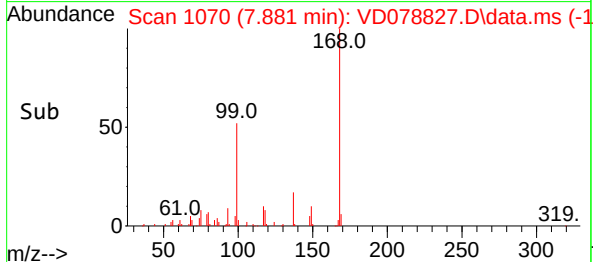
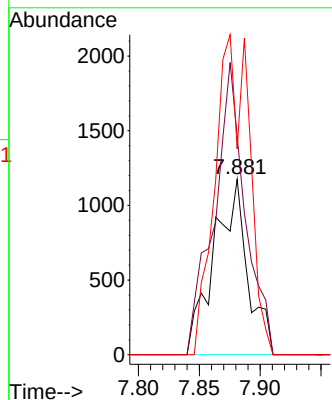
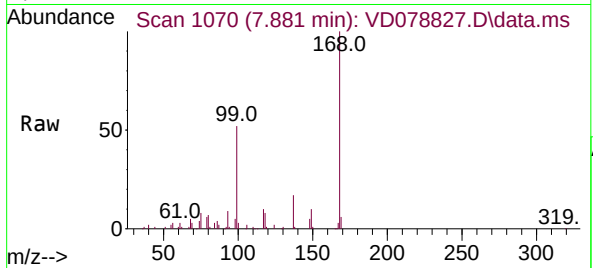




#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

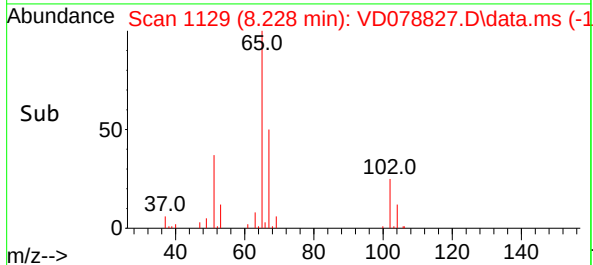
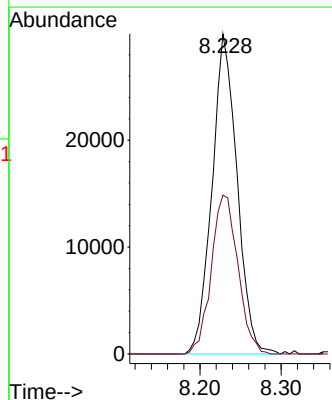
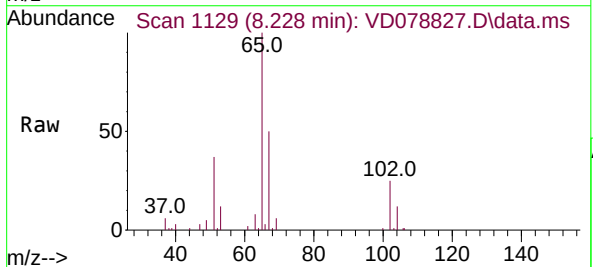
Instrument :
MSVOA_D
ClientSampleId :

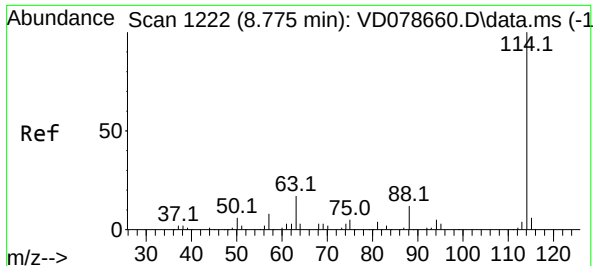
Tgt Ion: 56 Resp: 2265
Ion Ratio Lower Upper
56 100
69 124.7 26.6 40.0#
84 117.2 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 64.32 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 65 Resp: 64194
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_D

ClientSampleId :

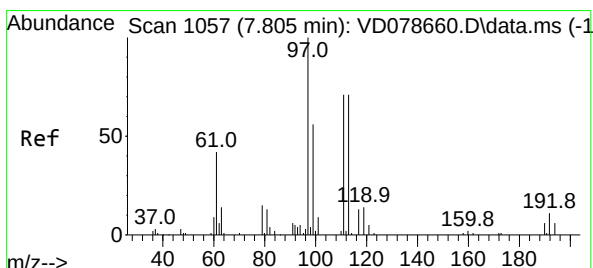
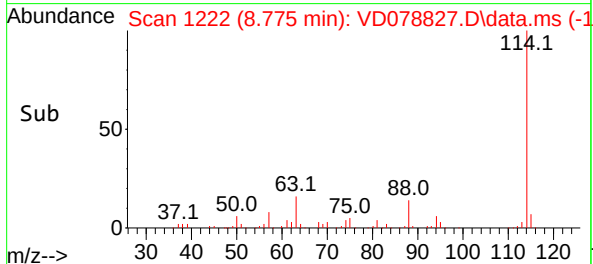
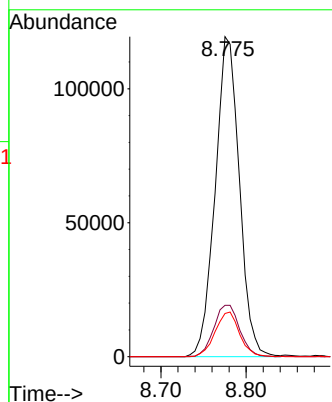
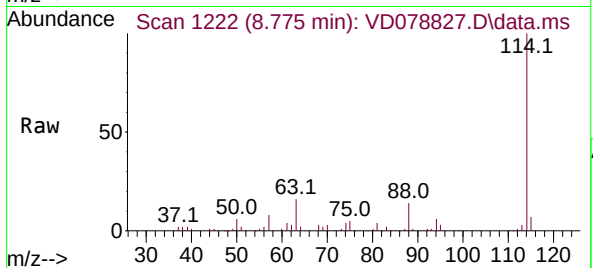
Tgt Ion:114 Resp: 235007

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 51.96 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

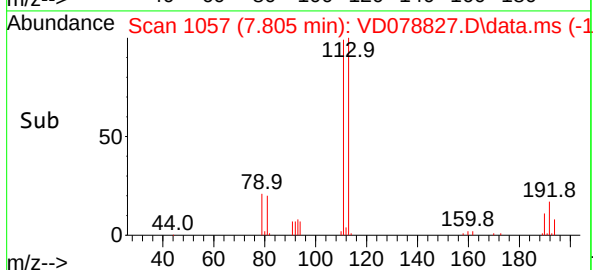
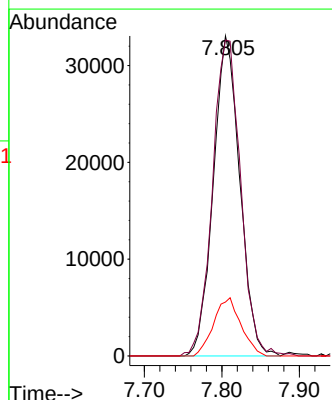
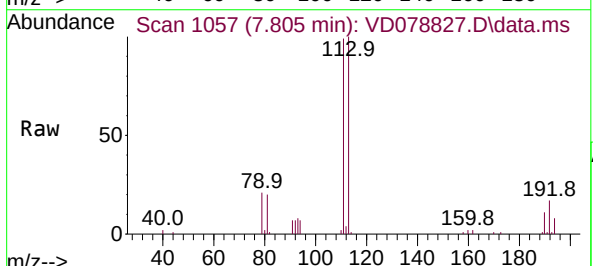
Tgt Ion:113 Resp: 78619

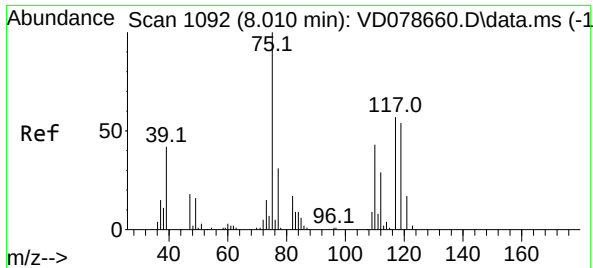
Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 18.7 15.4 23.0

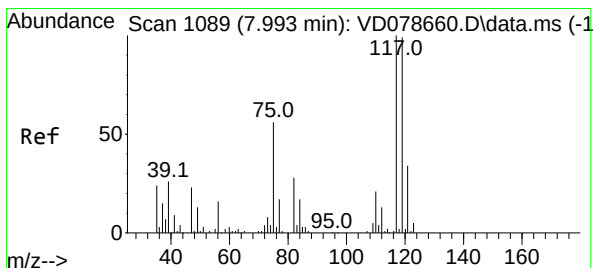
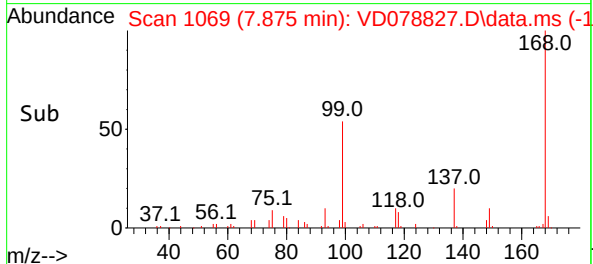
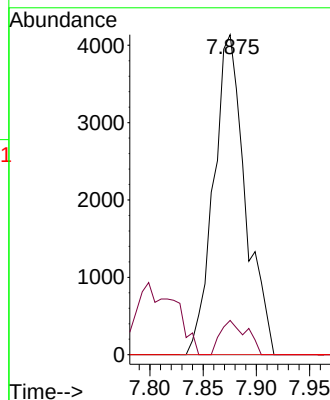
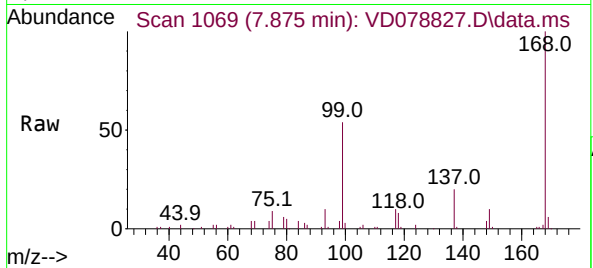




#36
1,1-Dichloropropene
Concen: 3.89 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

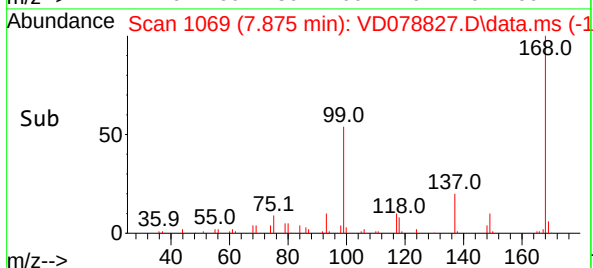
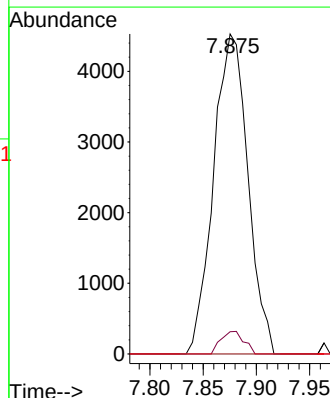
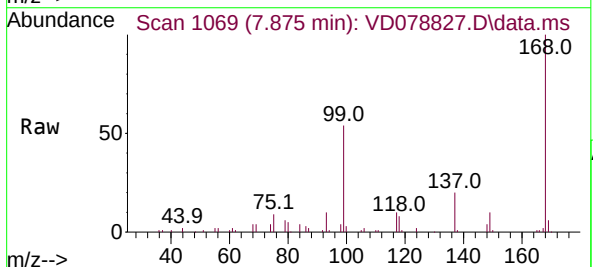
Instrument :
MSVOA_D
ClientSampleId :

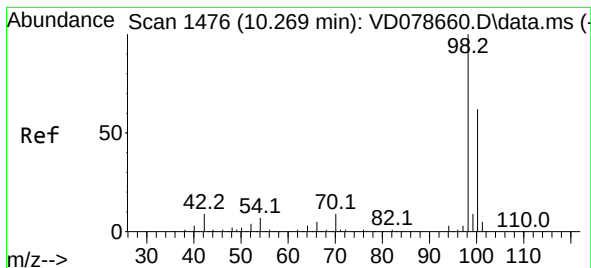
Tgt Ion: 75 Resp: 8535
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.39 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 117 Resp: 10165
Ion Ratio Lower Upper
117 100
119 7.0 79.2 118.8#
121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 53.09 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078827.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_D

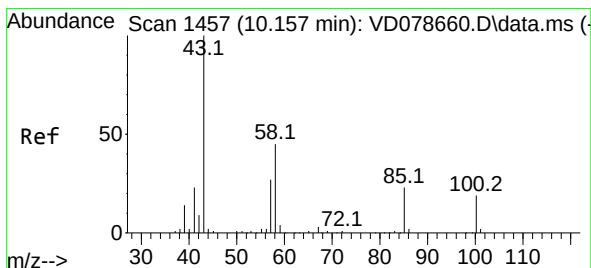
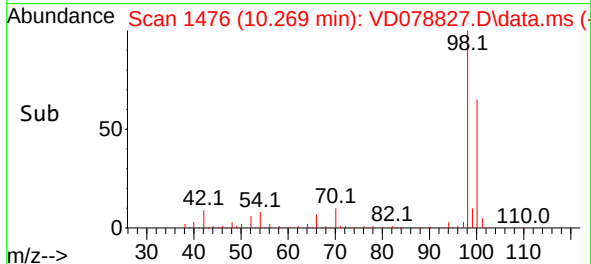
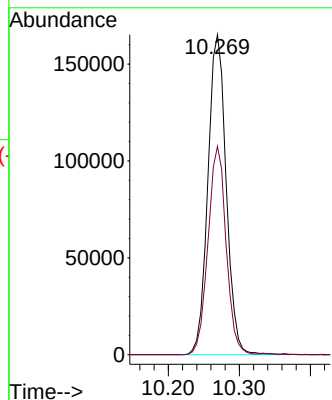
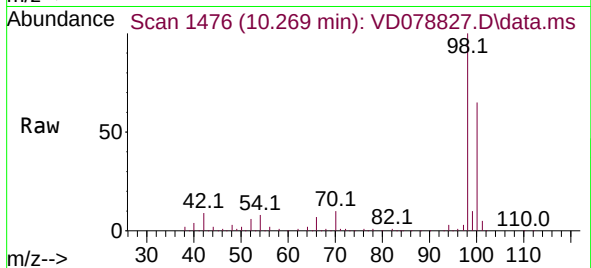
ClientSampleId :

Tgt Ion: 98 Resp: 295409

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 2.03 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD078827.D

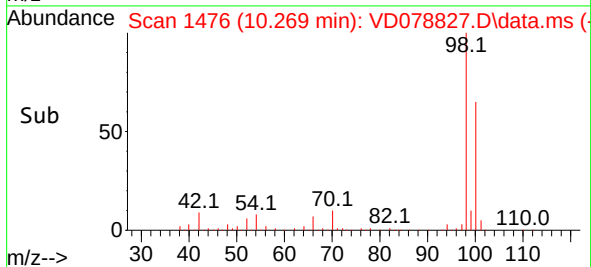
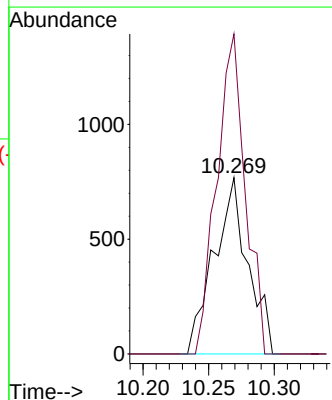
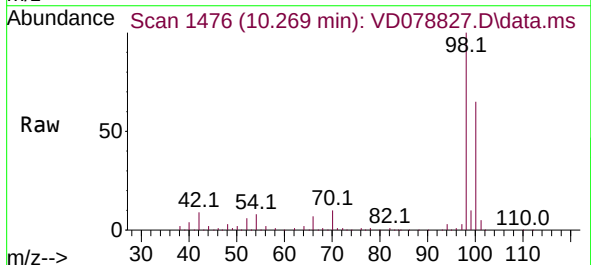
Acq: 16 Apr 2024 16:50

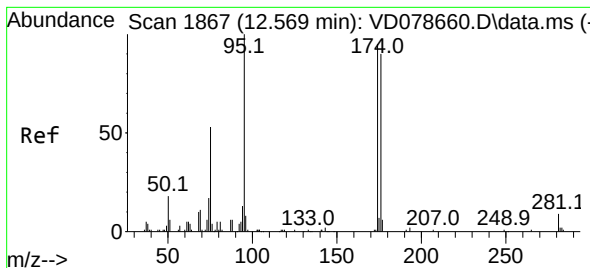
Tgt Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 152.7 36.4 54.6#

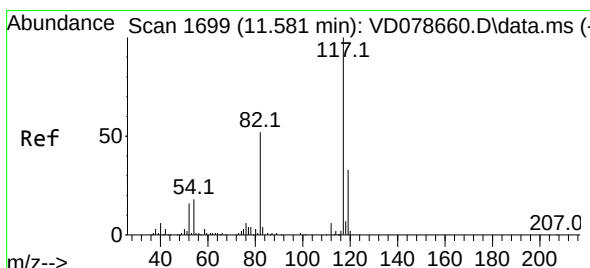
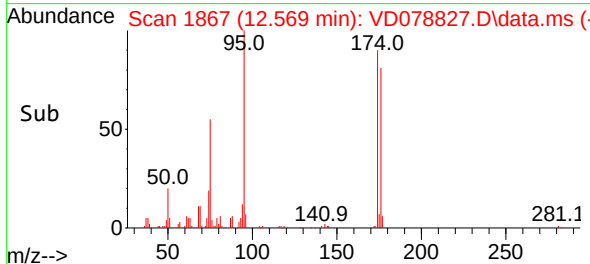
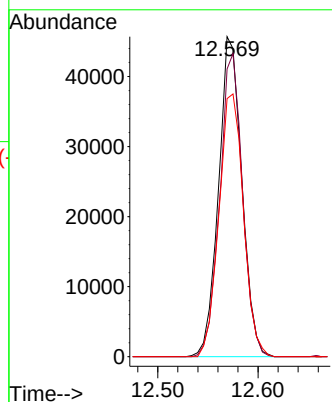
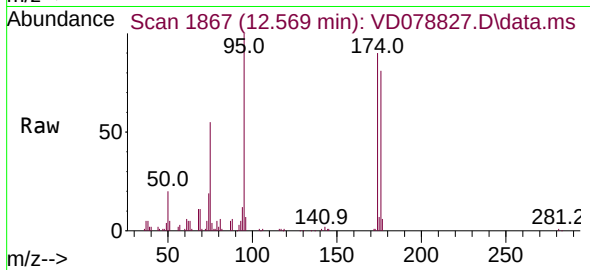




#62
4-Bromofluorobenzene
Concen: 45.14 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

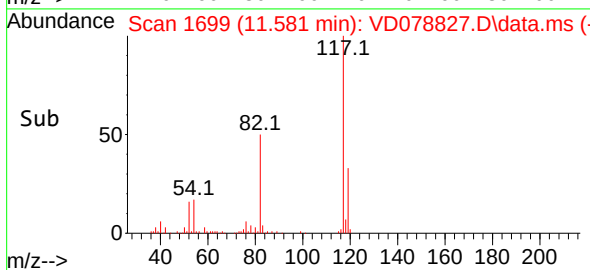
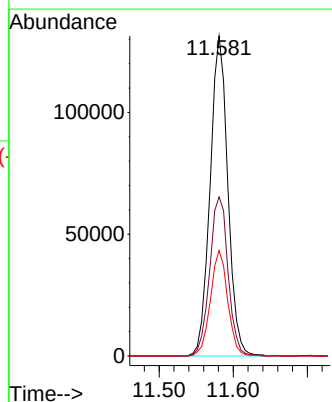
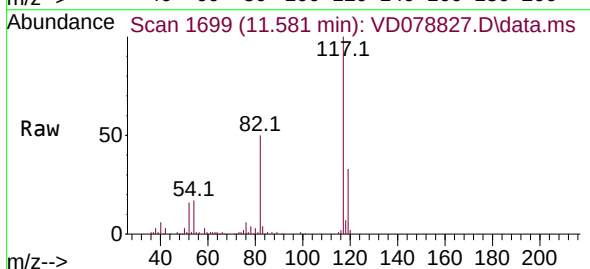
Instrument :
MSVOA_D
ClientSampleId :

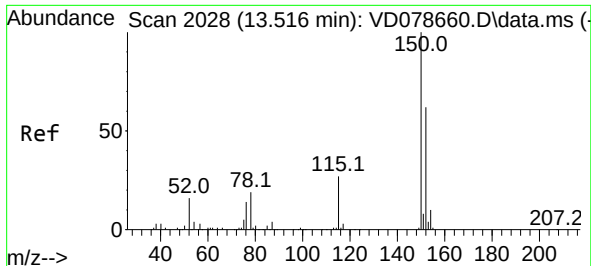
Tgt Ion: 95 Resp: 73486
Ion Ratio Lower Upper
95 100
174 92.6 0.0 195.2
176 86.5 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

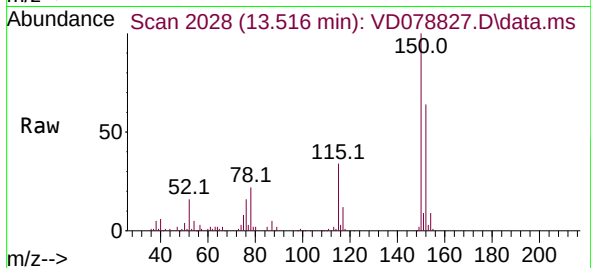
Tgt Ion: 117 Resp: 218123
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 33.0 26.5 39.7



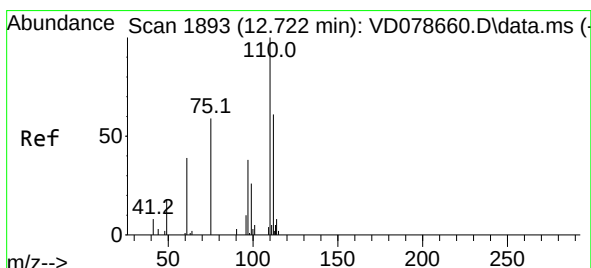
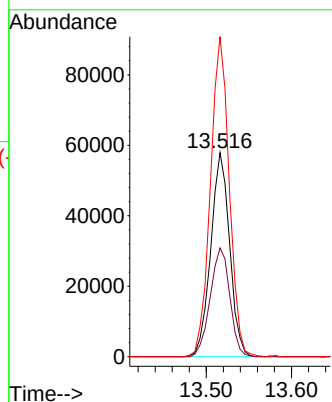
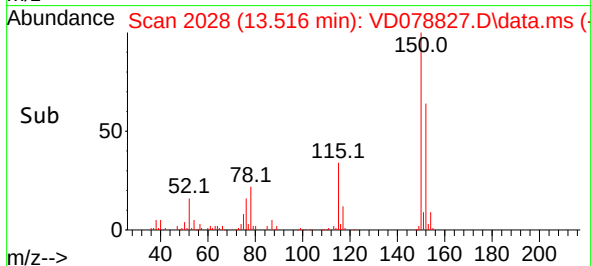


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

Instrument :
MSVOA_D
ClientSampleId :

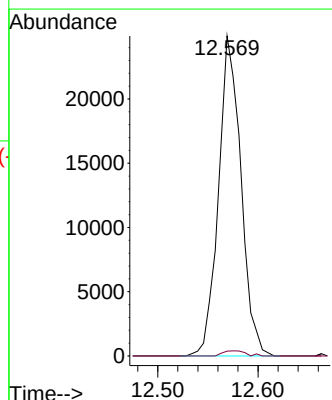
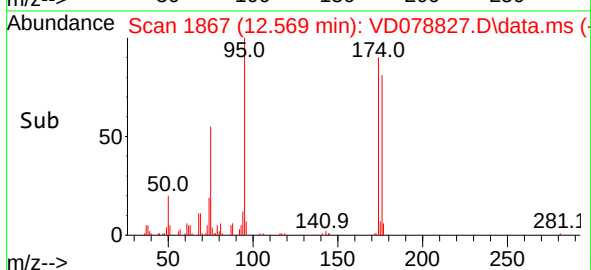
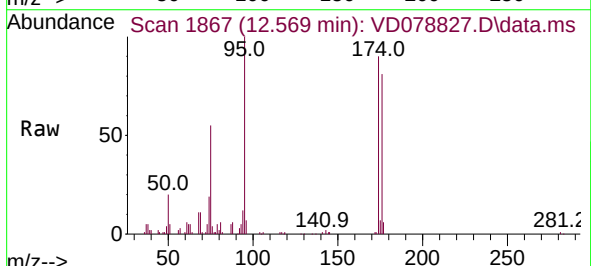


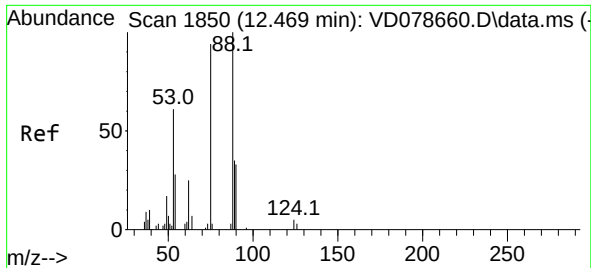
Tgt Ion:152 Resp: 89337
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.2
150 156.0 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 56.10 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078827.D
Acq: 16 Apr 2024 16:50

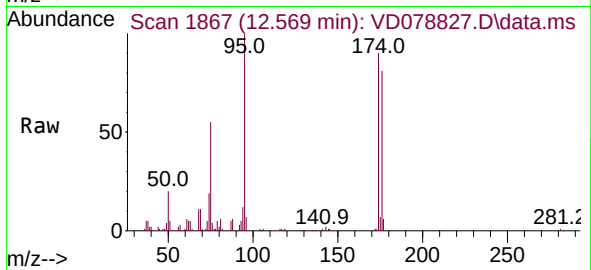
Tgt Ion: 75 Resp: 38613
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.59 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078827.D
 Acq: 16 Apr 2024 16:50

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

