

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078821.D
 Acq On : 16 Apr 2024 14:04
 Operator : RP/MD
 Sample : P2114-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:33:21 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)

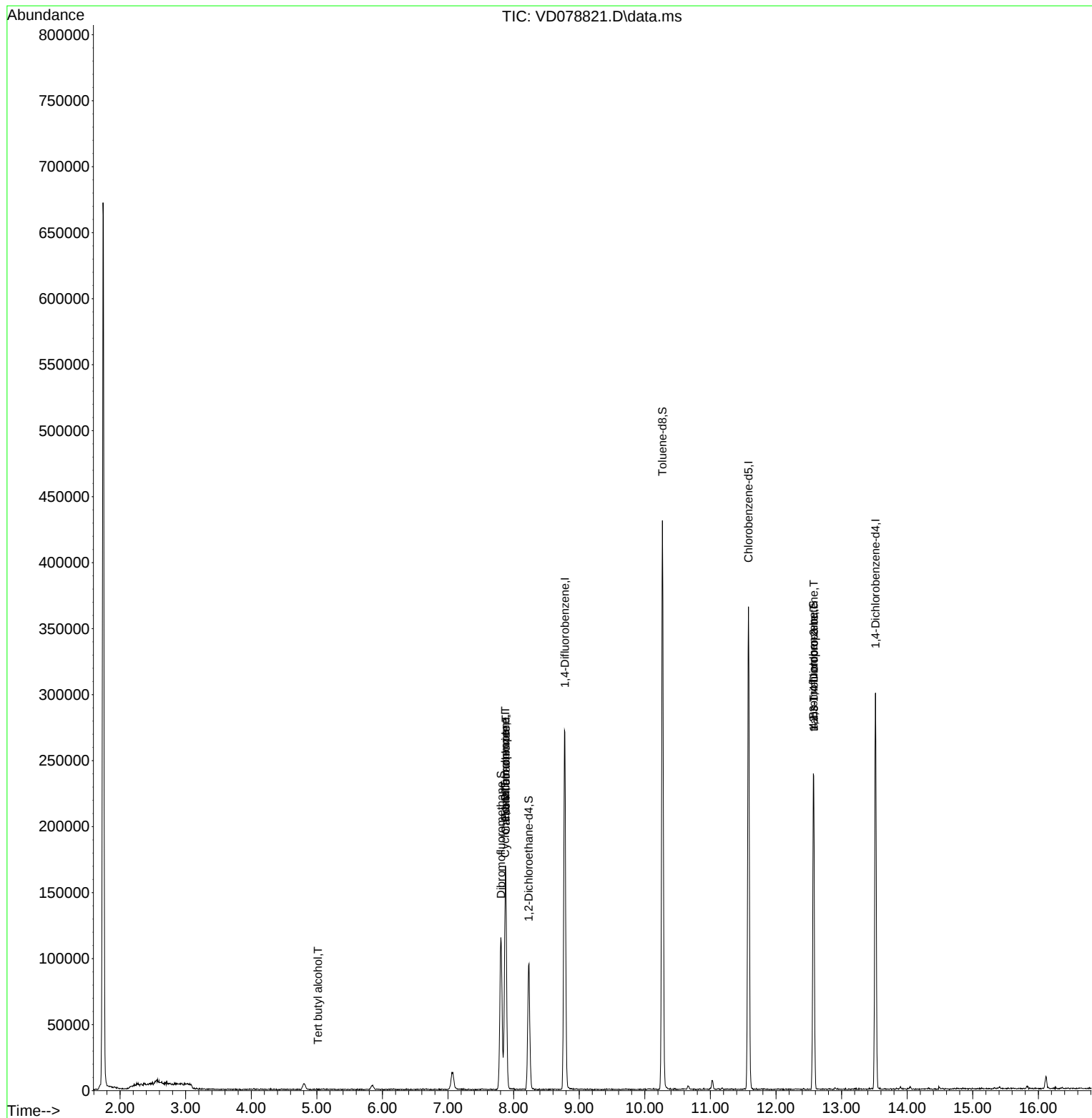
Internal Standards						
1) Pentafluorobenzene	7.875	168	128462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72543	60.26	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 120.52%		
35) Dibromofluoromethane	7.810	113	83781	52.20	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 104.40%		
50) Toluene-d8	10.269	98	301456	51.07	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 102.14%		
62) 4-Bromofluorobenzene	12.569	95	72551	42.01	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	= 84.02%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.016	59	94	1.74	ug/l #	75
20) Methylene Chloride	4.799	84	3950	Below Cal	#	75
31) Cyclohexane	7.869	56	2853	1.41	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	10544	4.53	ug/l #	46
38) Carbon Tetrachloride	7.881	117	12428	5.06	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	39093	61.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39093	128.76	ug/l #	19

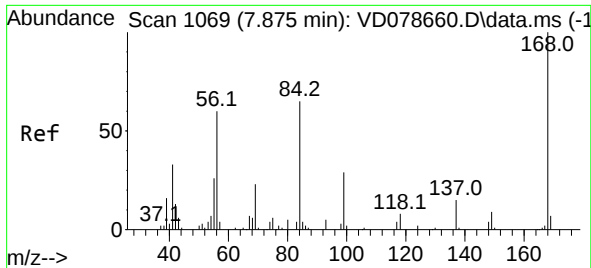
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078821.D
Acq On : 16 Apr 2024 14:04
Operator : RP/MD
Sample : P2114-01
Misc : 5.05G/5ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

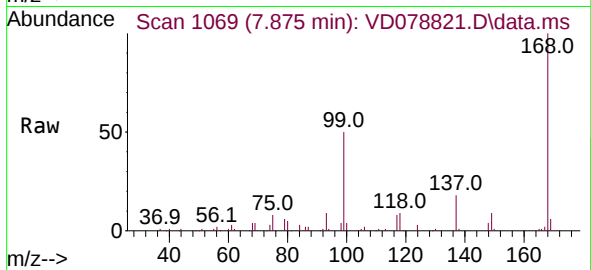
Quant Time: Apr 16 22:33:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



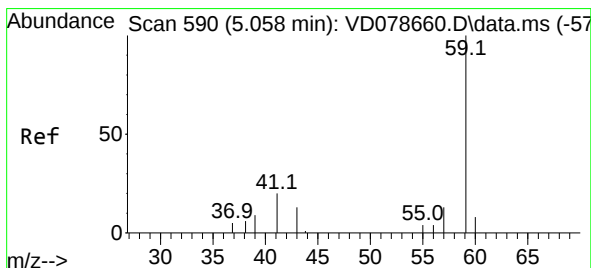
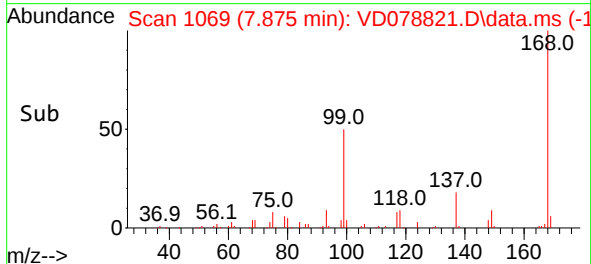
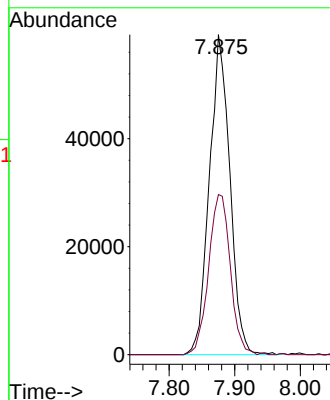


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

Instrument :
MSVOA_D
ClientSampleId :

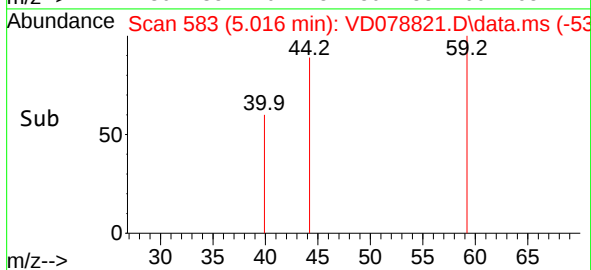
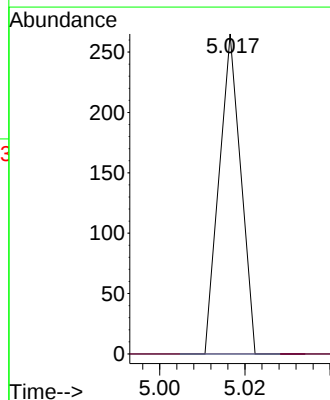
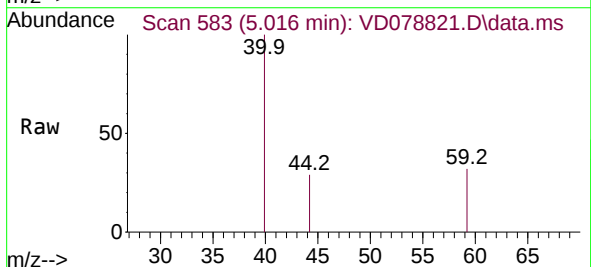


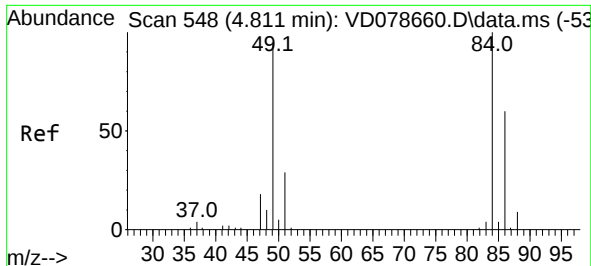
Tgt Ion:168 Resp: 128462
Ion Ratio Lower Upper
168 100
99 50.1 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.74 ug/l
RT: 5.016 min Scan# 583
Delta R.T. -0.041 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

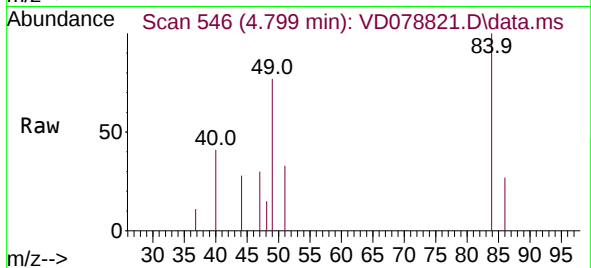
Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



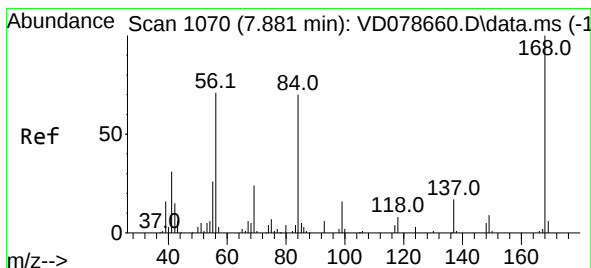
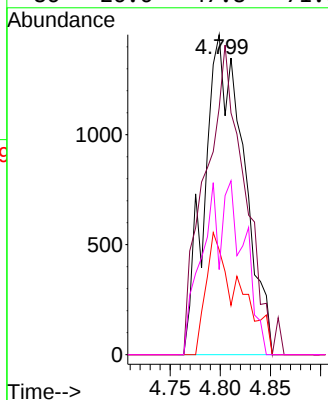
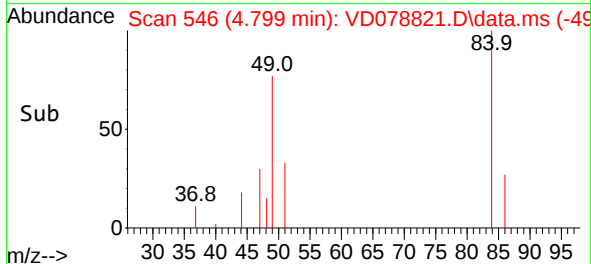


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

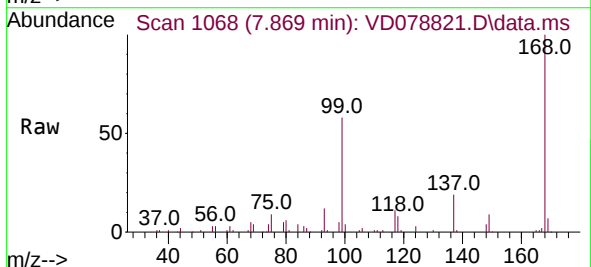
Instrument :
MSVOA_D
ClientSampleId :



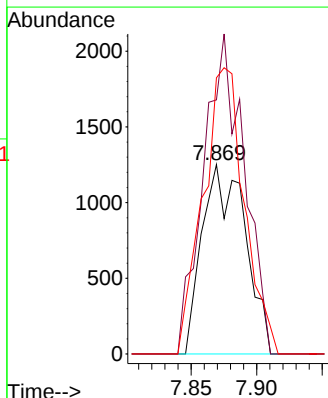
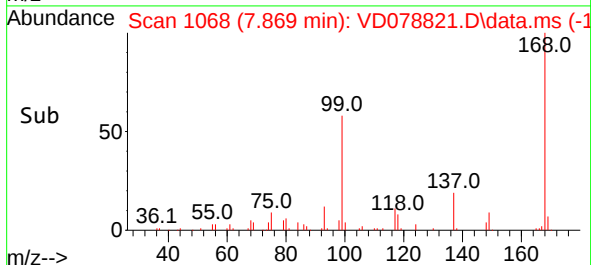
Tgt Ion: 84	Resp: 3950
Ion Ratio	Lower Upper
84 100	
49 77.1	75.6 113.4
51 32.7	23.4 35.0
86 26.6	47.8 71.6#

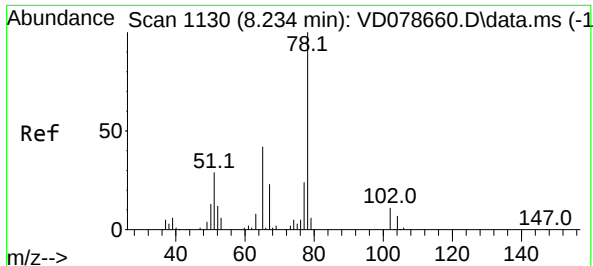


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04



Tgt Ion: 56	Resp: 2853
Ion Ratio	Lower Upper
56 100	
69 134.1	26.6 40.0#
84 145.7	79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 60.26 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Instrument :

MSVOA_D

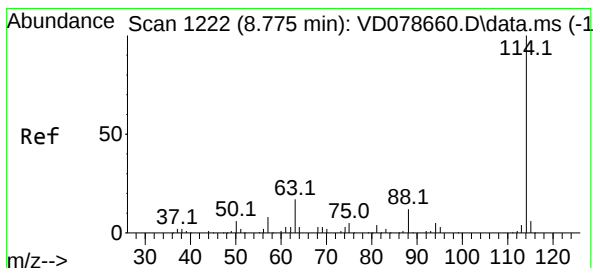
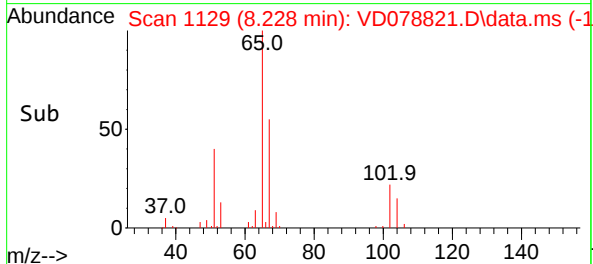
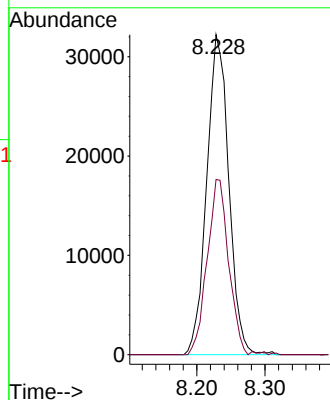
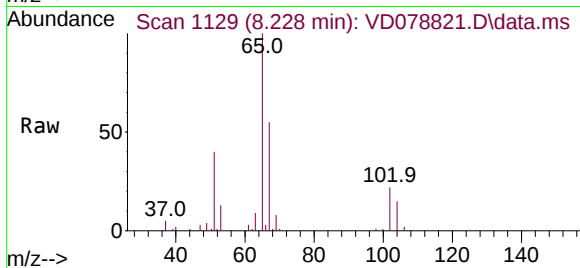
ClientSampleId :

Tgt Ion: 65 Resp: 72543

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

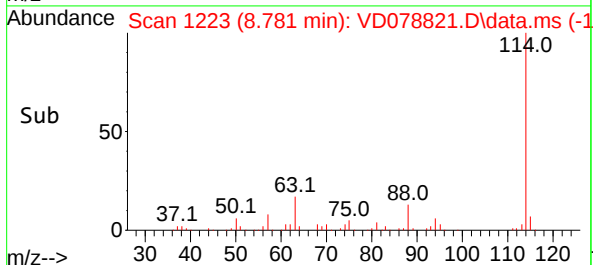
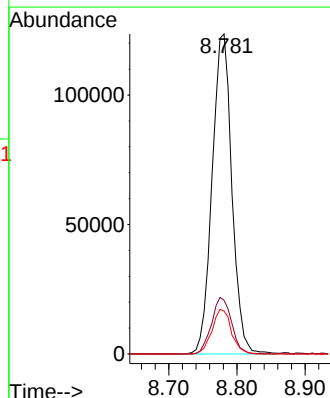
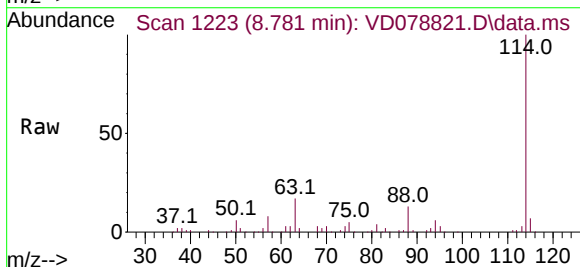
Tgt Ion: 114 Resp: 249296

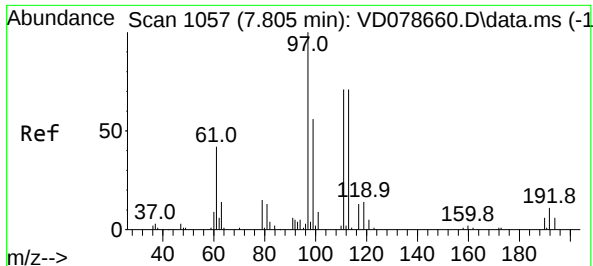
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.4 0.0 24.6





#35

Dibromofluoromethane

Concen: 52.20 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Instrument :

MSVOA_D

ClientSampleId :

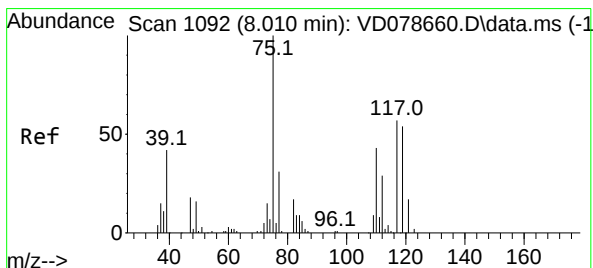
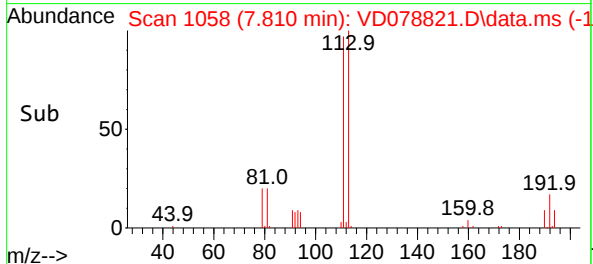
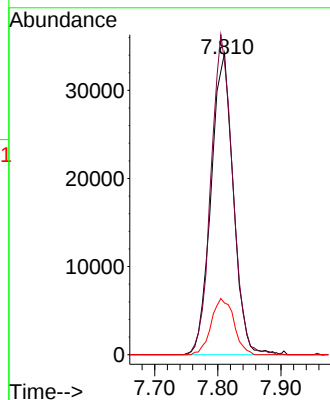
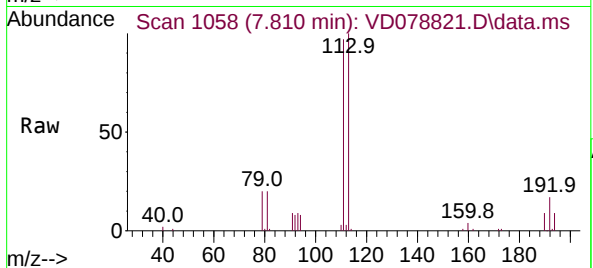
Tgt Ion:113 Resp: 83781

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 19.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.53 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

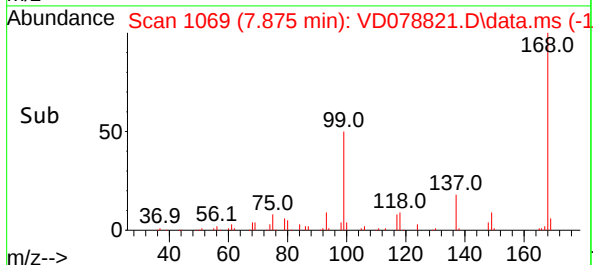
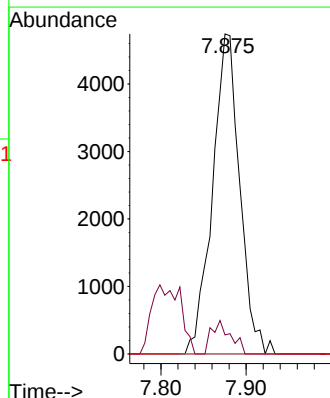
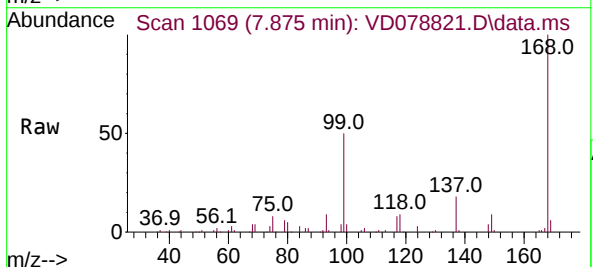
Tgt Ion: 75 Resp: 10544

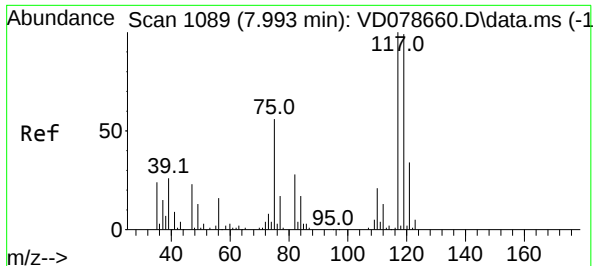
Ion Ratio Lower Upper

75 100

110 7.3 19.1 57.1#

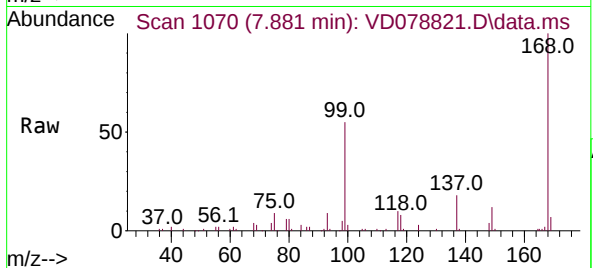
77 0.0 25.4 38.2#



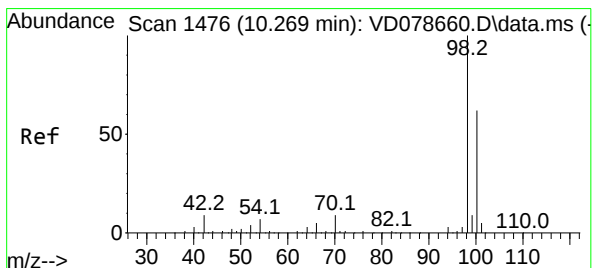
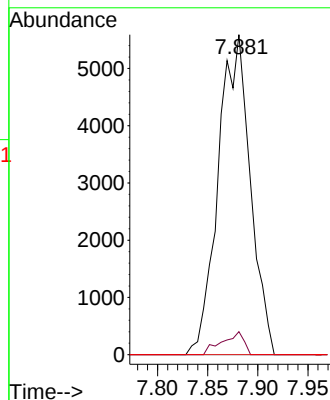
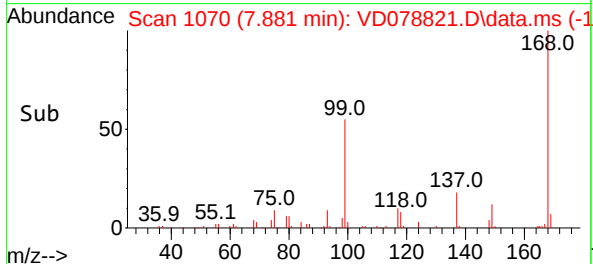


#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

Instrument :
MSVOA_D
ClientSampleId :

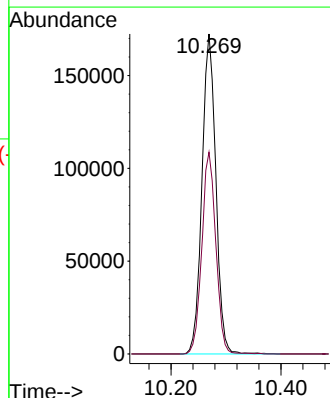
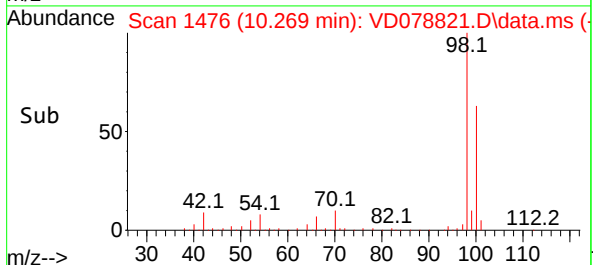
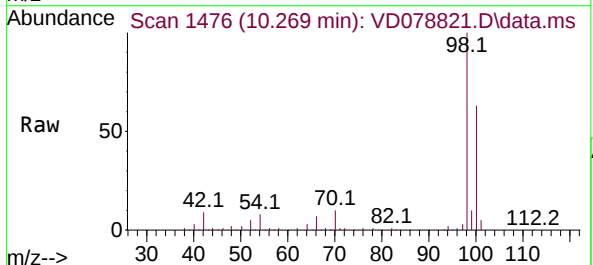


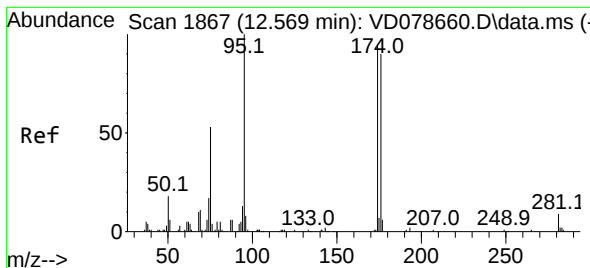
Tgt Ion:117 Resp: 12428
Ion Ratio Lower Upper
117 100
119 7.2 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

Tgt Ion: 98 Resp: 301456
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

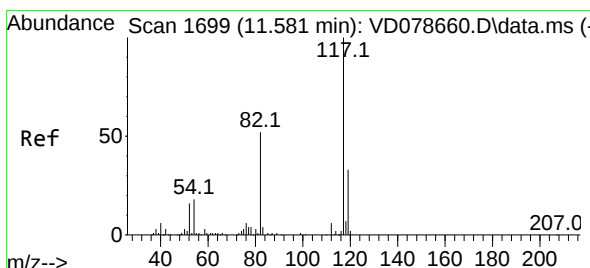
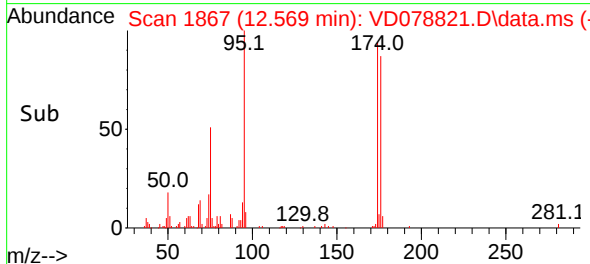
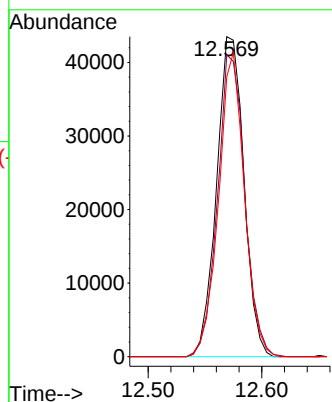
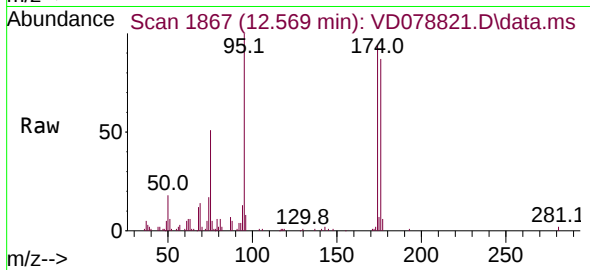




#62
4-Bromofluorobenzene
Concen: 42.01 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

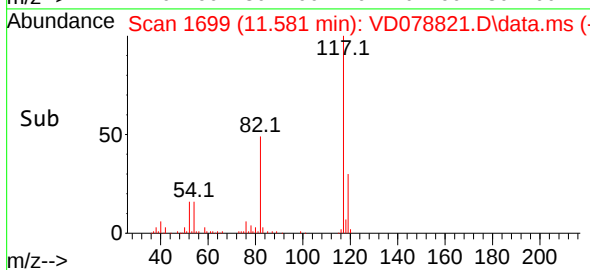
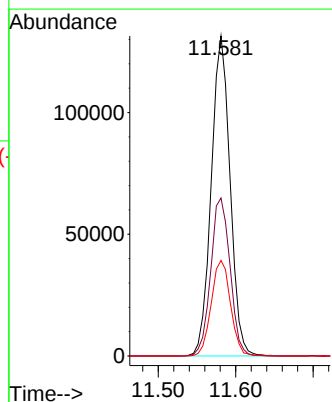
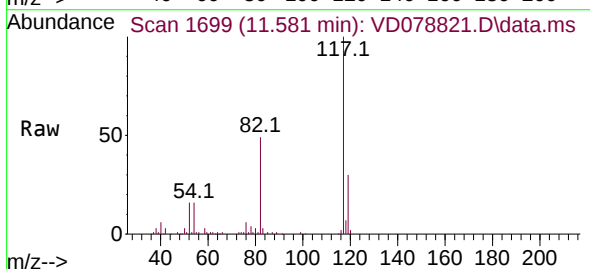
Instrument :
MSVOA_D
ClientSampleId :

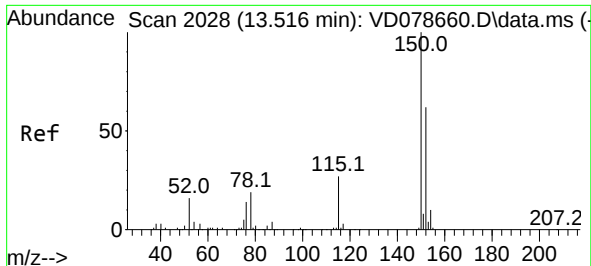
Tgt Ion: 95 Resp: 72551
Ion Ratio Lower Upper
95 100
174 94.3 0.0 195.2
176 89.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

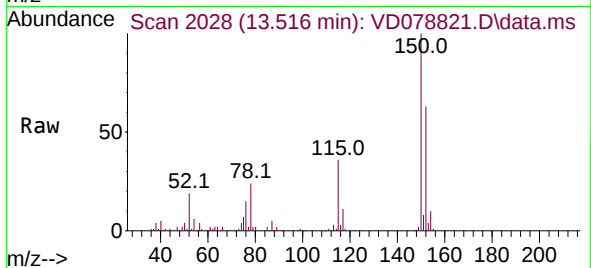
Tgt Ion: 117 Resp: 222381
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 29.8 26.5 39.7



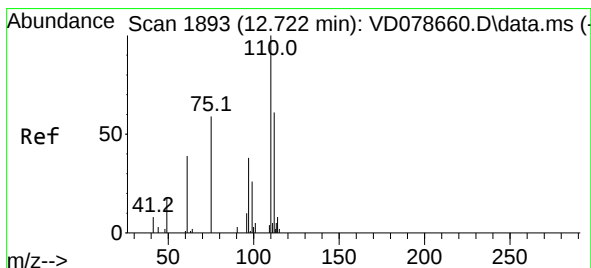
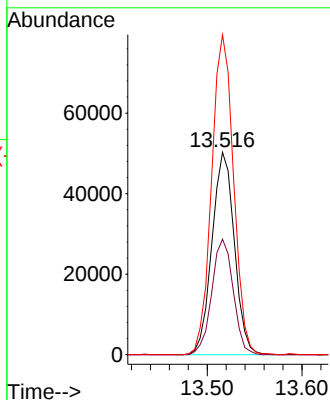
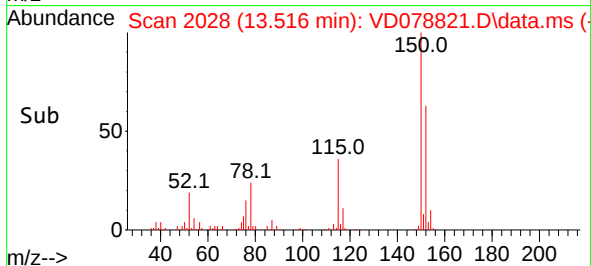


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078821.D
 Acq: 16 Apr 2024 14:04

Instrument :
 MSVOA_D
 ClientSampleId :

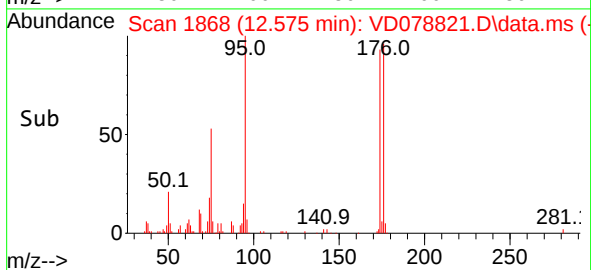
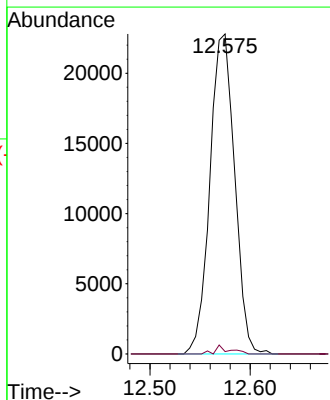
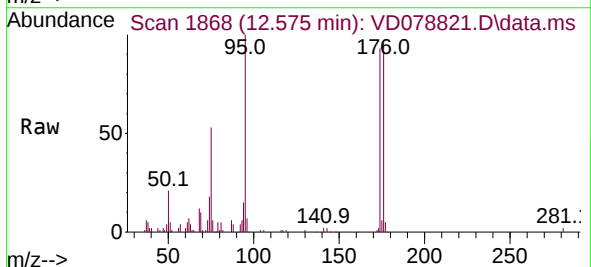


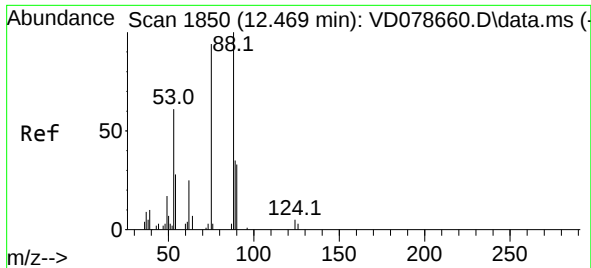
Tgt Ion:152 Resp: 82602
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.2
 150 154.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 61.43 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078821.D
 Acq: 16 Apr 2024 14:04

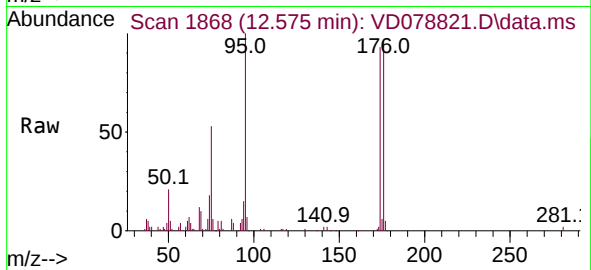
Tgt Ion: 75 Resp: 39093
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.76 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

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#

