

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078818.D
 Acq On : 16 Apr 2024 12:07
 Operator : RP/MD
 Sample : VD0416SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:31:48 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)

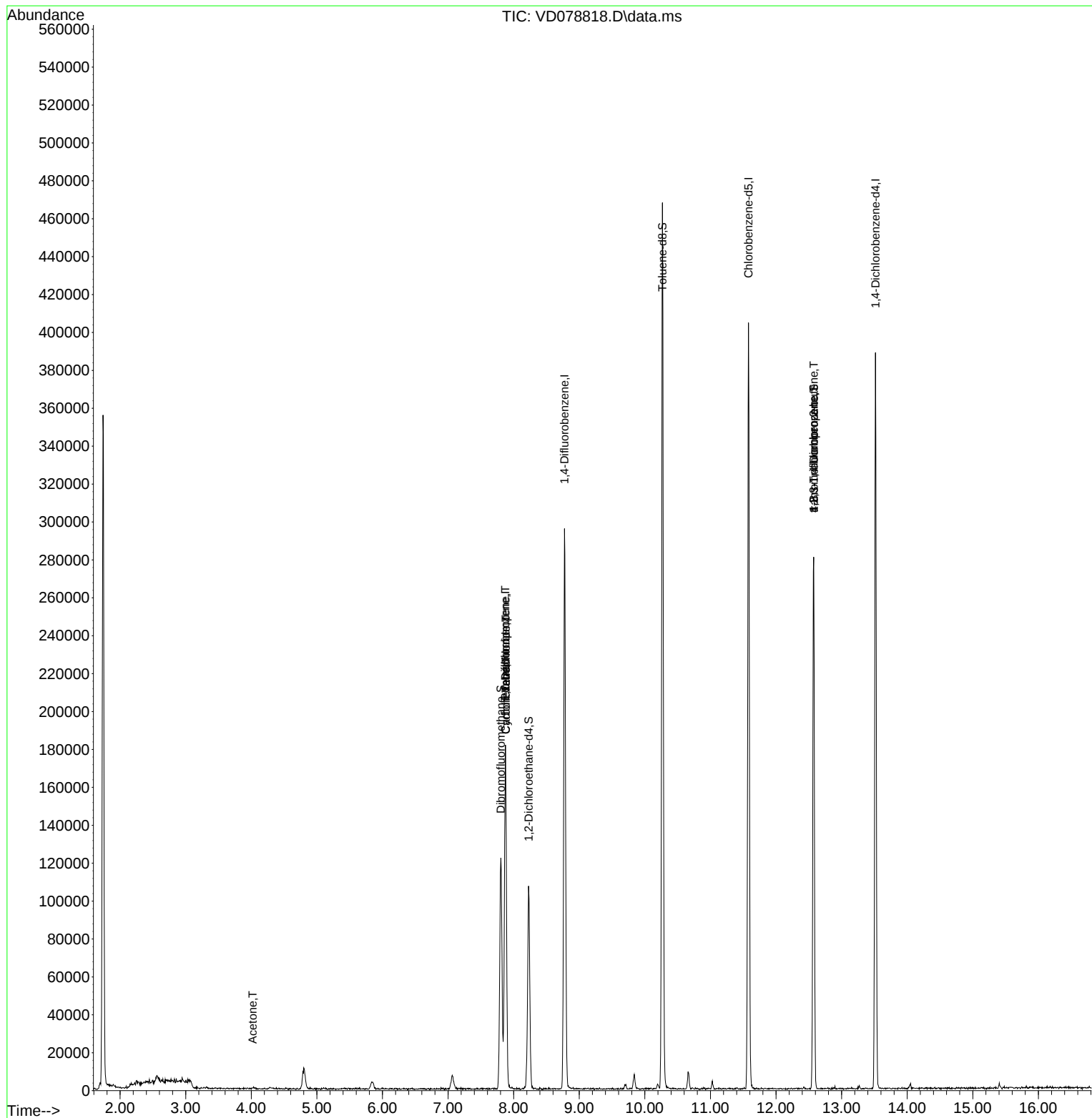
Internal Standards						
1) Pentafluorobenzene	7.875	168	137654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	266869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	241806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80081	62.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.16%
35) Dibromofluoromethane	7.804	113	88519	51.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.04%
50) Toluene-d8	10.269	98	322600	51.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.10%
62) 4-Bromofluorobenzene	12.575	95	85727	46.37	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.74%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	650	2.61	ug/l #	39
20) Methylene Chloride	4.787	84	3222	Below Cal	#	87
31) Cyclohexane	7.881	56	2914	1.34	ug/l #	34
36) 1,1-Dichloropropene	7.875	75	12018	4.82	ug/l #	46
38) Carbon Tetrachloride	7.881	117	13525	5.15	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	42641	52.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42641	109.29	ug/l #	19

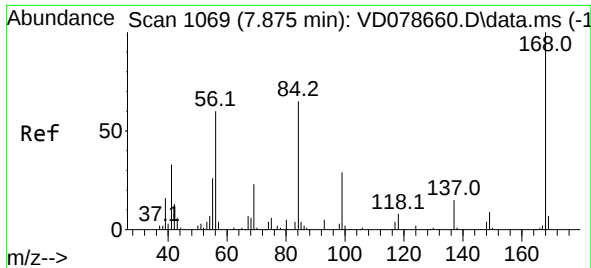
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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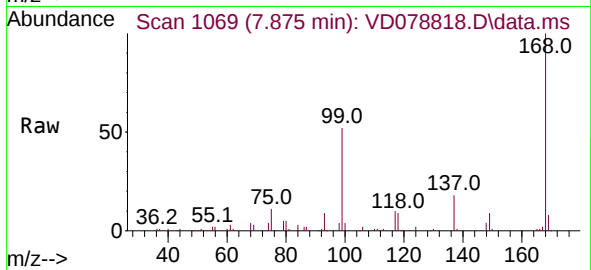
Quant Time: Apr 16 22:31:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



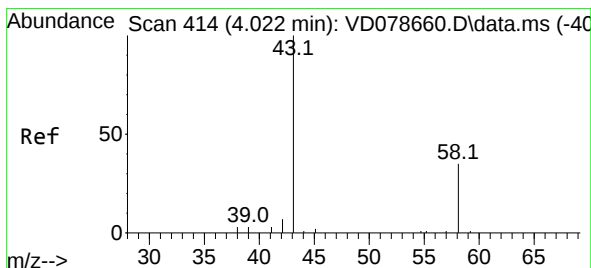
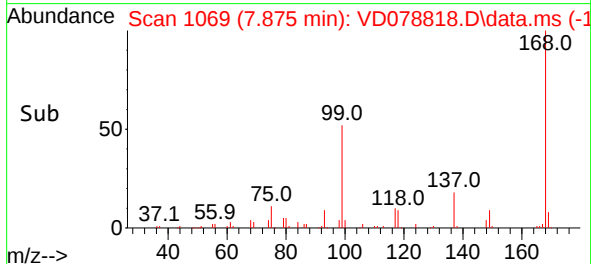
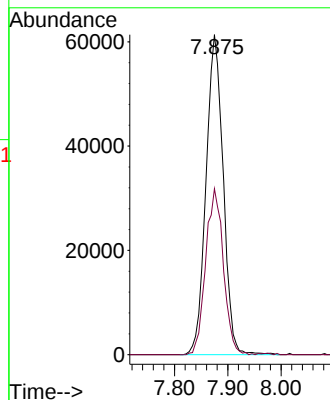


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

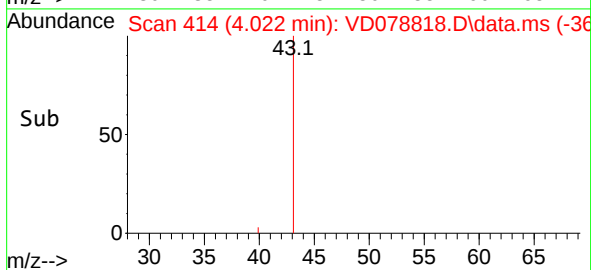
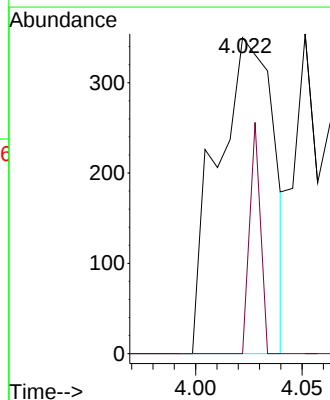
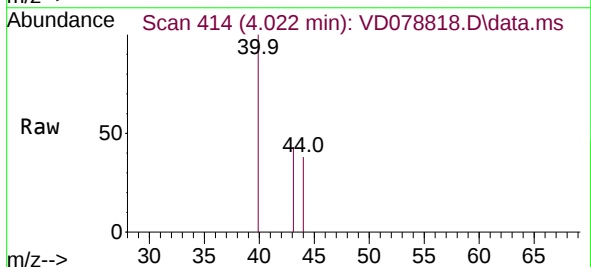


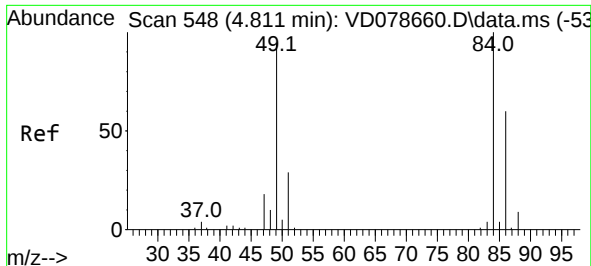
Tgt Ion:168 Resp: 137654
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#16
Acetone
Concen: 2.61 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

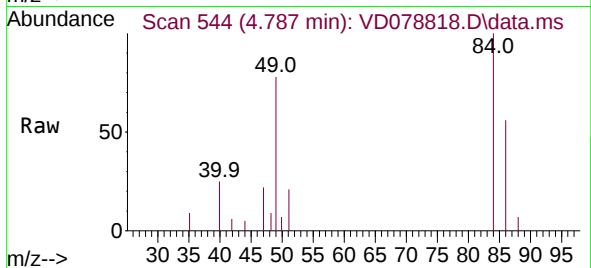
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



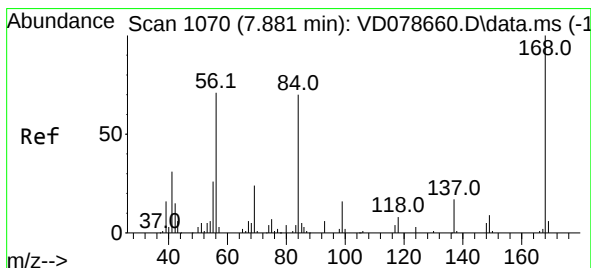
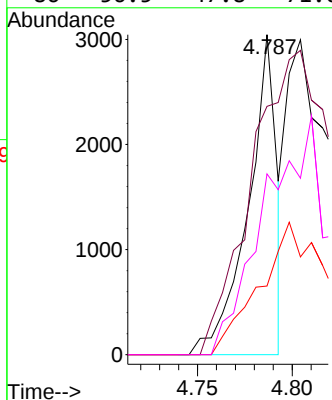
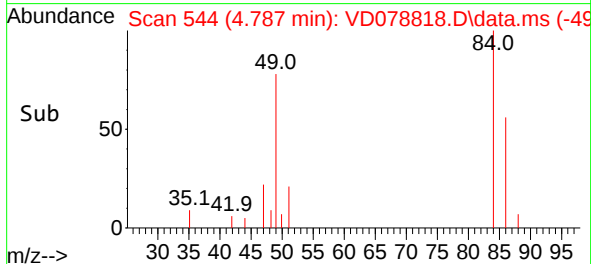


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.024 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

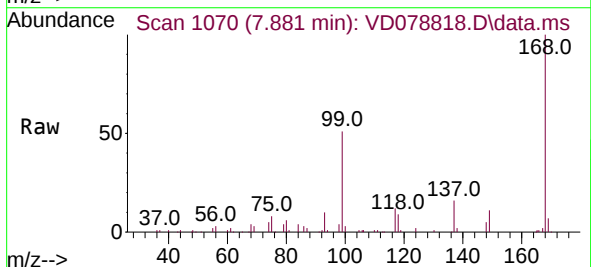
Instrument :
MSVOA_D
ClientSampleId :



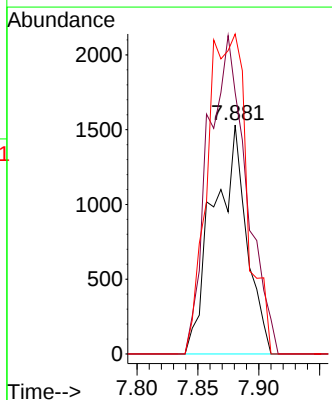
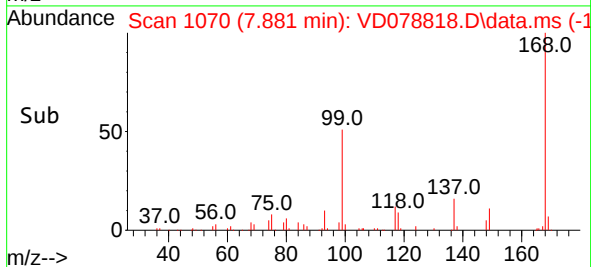
Tgt Ion: 84	Resp:	3222	
Ion	Ratio	Lower	Upper
84	100		
49	77.6	75.6	113.4
51	21.4	23.4	35.0#
86	56.5	47.8	71.6

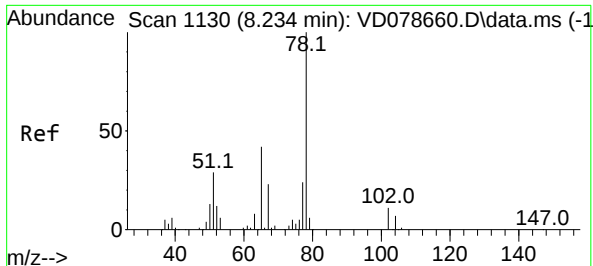


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07



Tgt Ion: 56	Resp:	2914	
Ion	Ratio	Lower	Upper
56	100		
69	114.2	26.6	40.0#
84	139.8	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 62.08 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

Instrument :

MSVOA_D

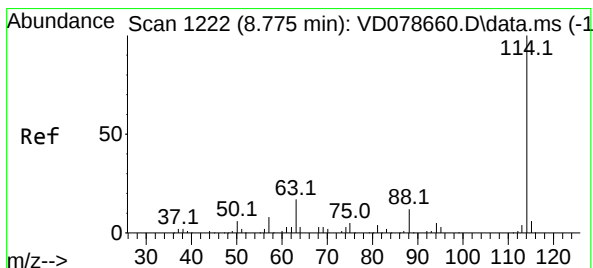
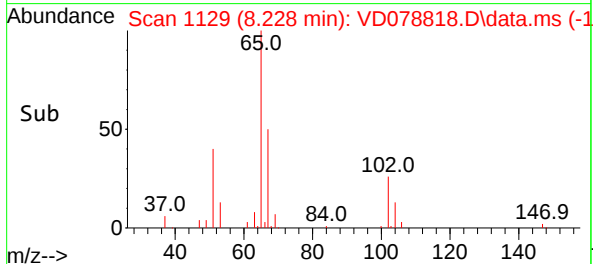
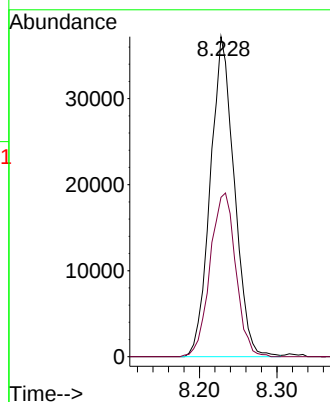
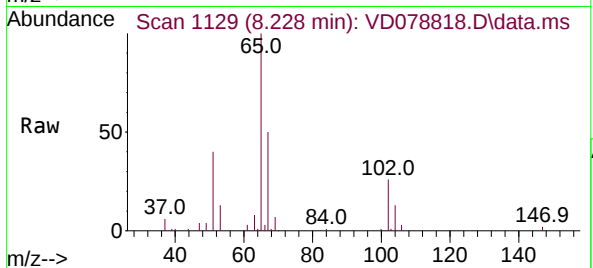
ClientSampleId :

Tgt Ion: 65 Resp: 80081

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078818.D

Acq: 16 Apr 2024 12:07

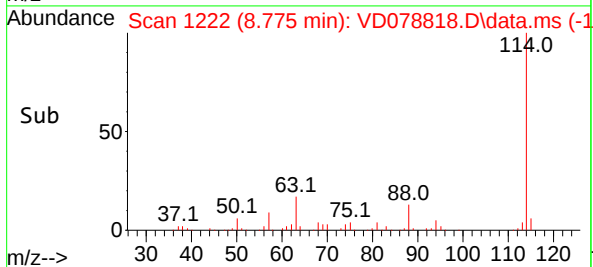
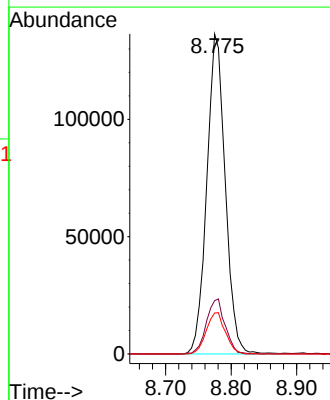
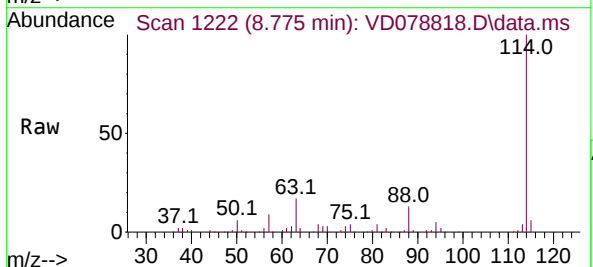
Tgt Ion: 114 Resp: 266869

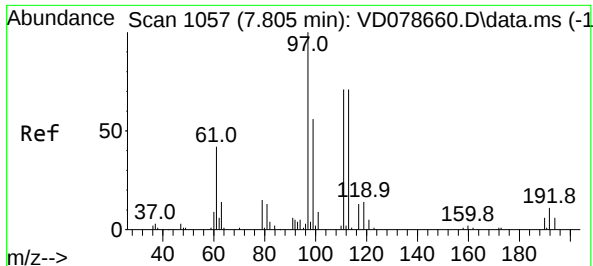
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

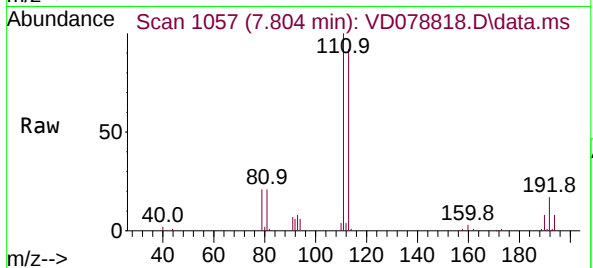
88 12.8 0.0 24.6



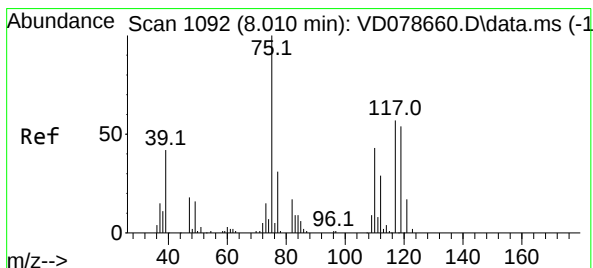
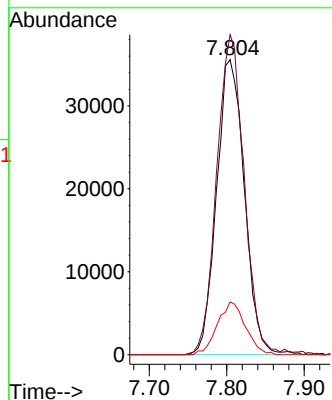
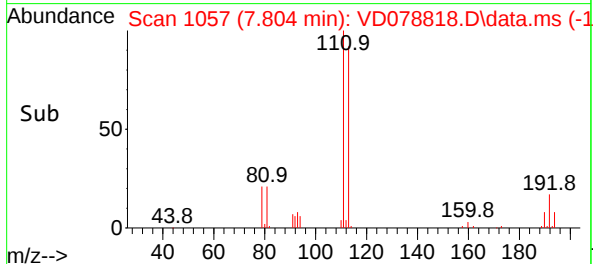


#35
Dibromofluoromethane
Concen: 51.52 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

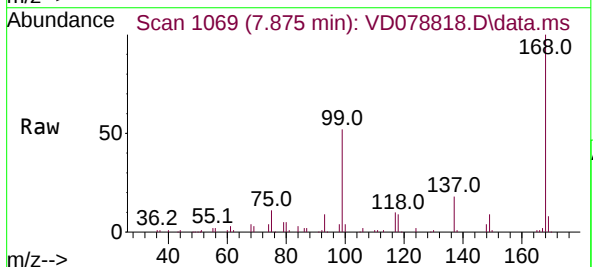
Instrument :
MSVOA_D
ClientSampleId :



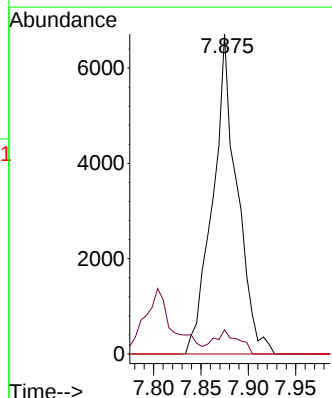
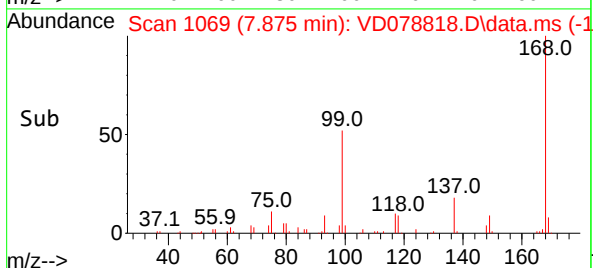
Tgt Ion:113 Resp: 88519
Ion Ratio Lower Upper
113 100
111 107.6 81.9 122.9
192 18.1 15.4 23.0

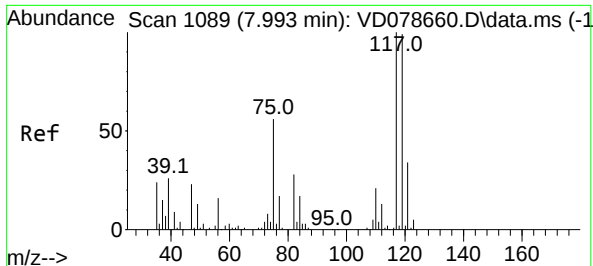


#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07



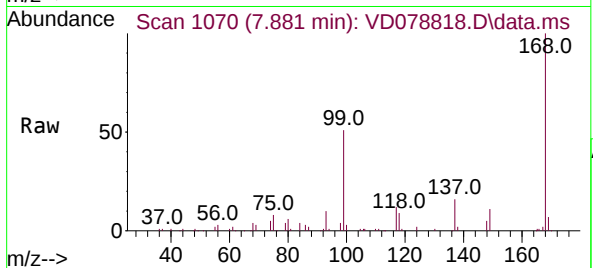
Tgt Ion: 75 Resp: 12018
Ion Ratio Lower Upper
75 100
110 7.4 19.1 57.1#
77 0.0 25.4 38.2#



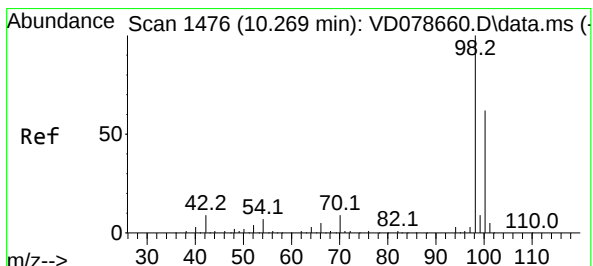
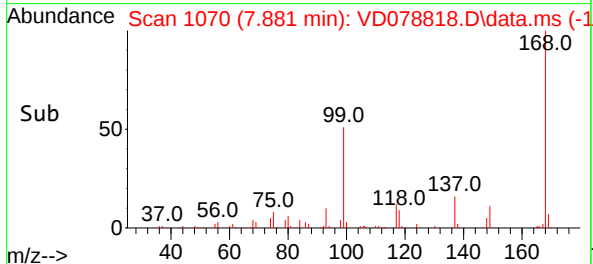
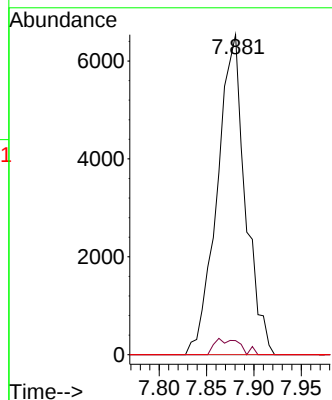


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

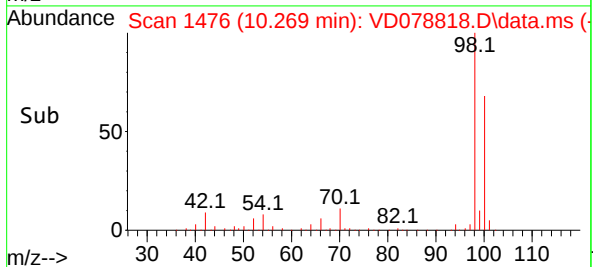
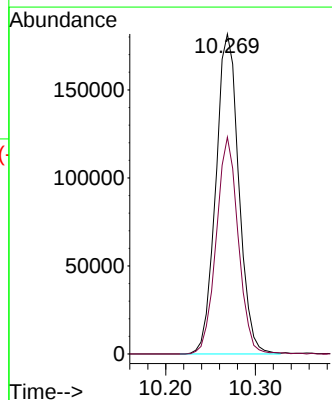
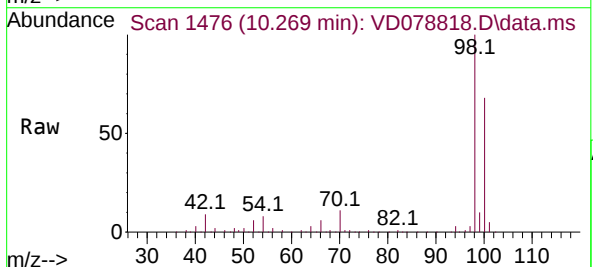


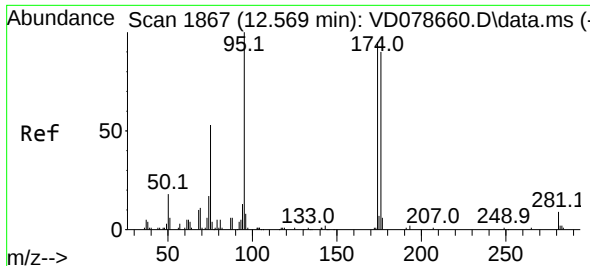
Tgt Ion:117 Resp: 13525
Ion Ratio Lower Upper
117 100
119 4.4 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 51.05 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

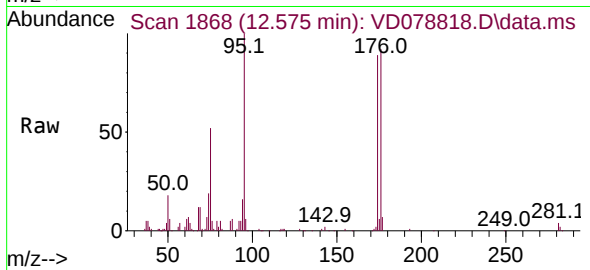
Tgt Ion: 98 Resp: 322600
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



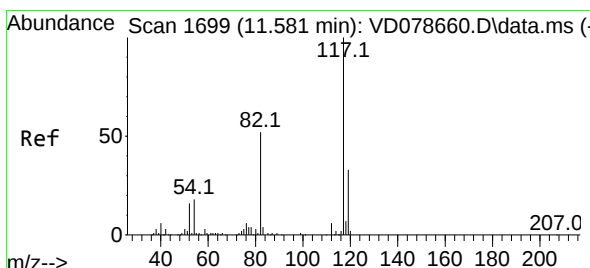
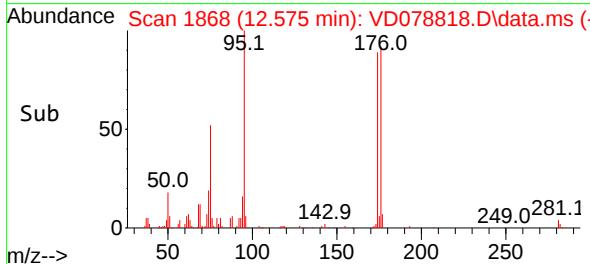
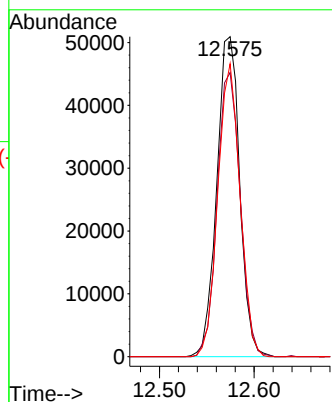


#62
4-Bromofluorobenzene
Concen: 46.37 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

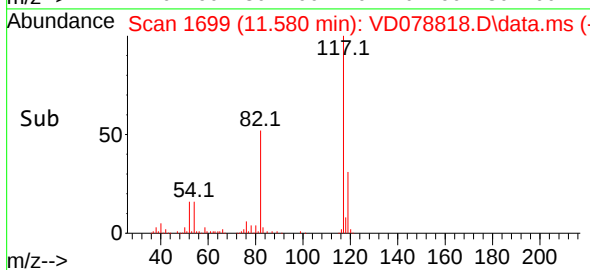
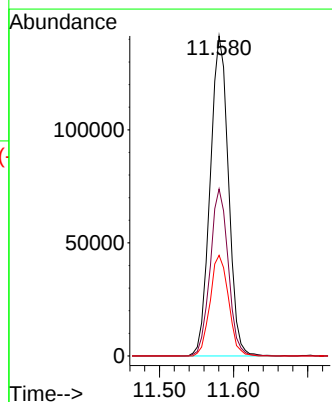
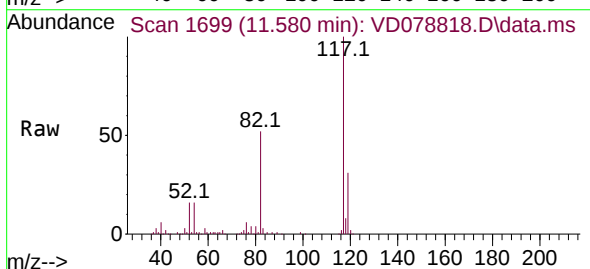


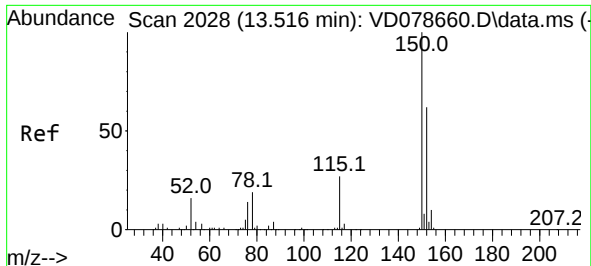
Tgt Ion: 95 Resp: 85727
Ion Ratio Lower Upper
95 100
174 89.1 0.0 195.2
176 88.5 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

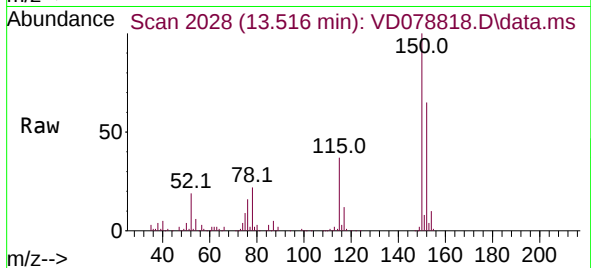
Tgt Ion: 117 Resp: 241806
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 31.5 26.5 39.7



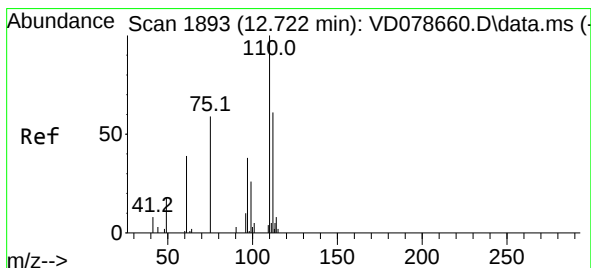
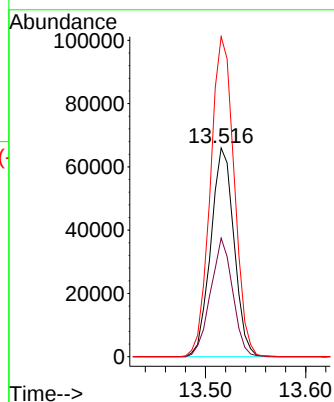
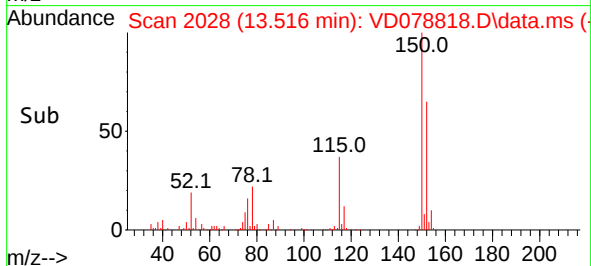


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

Instrument :
MSVOA_D
ClientSampleId :

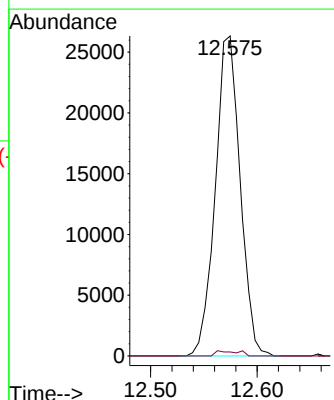
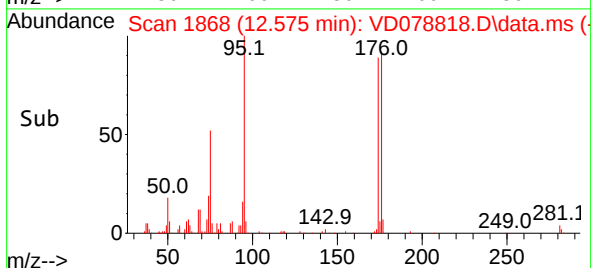
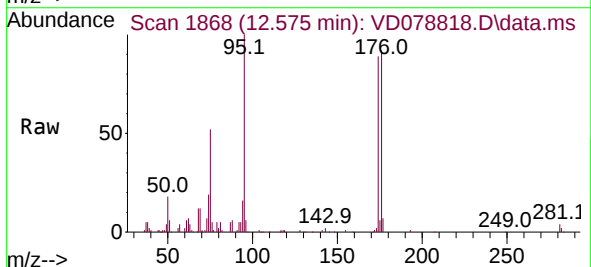


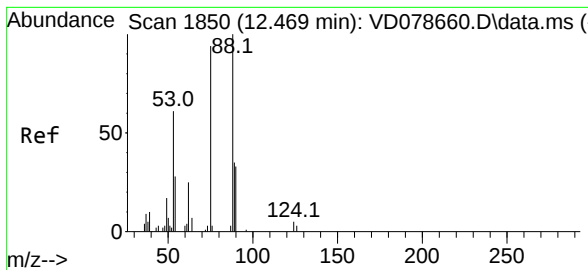
Tgt Ion:152 Resp: 106150
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 157.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 52.14 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078818.D
Acq: 16 Apr 2024 12:07

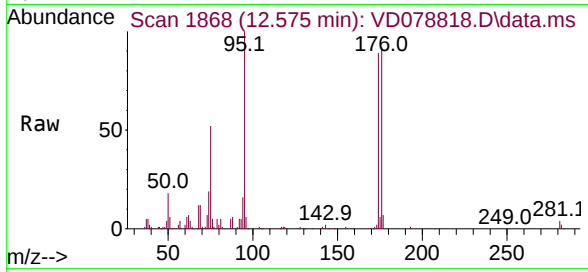
Tgt Ion: 75 Resp: 42641
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.29 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078818.D
 Acq: 16 Apr 2024 12:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	42641
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

