

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078826.D
 Acq On : 16 Apr 2024 16:22
 Operator : RP/MD
 Sample : P2126-06
 Misc : 4.62G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:34:50 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)

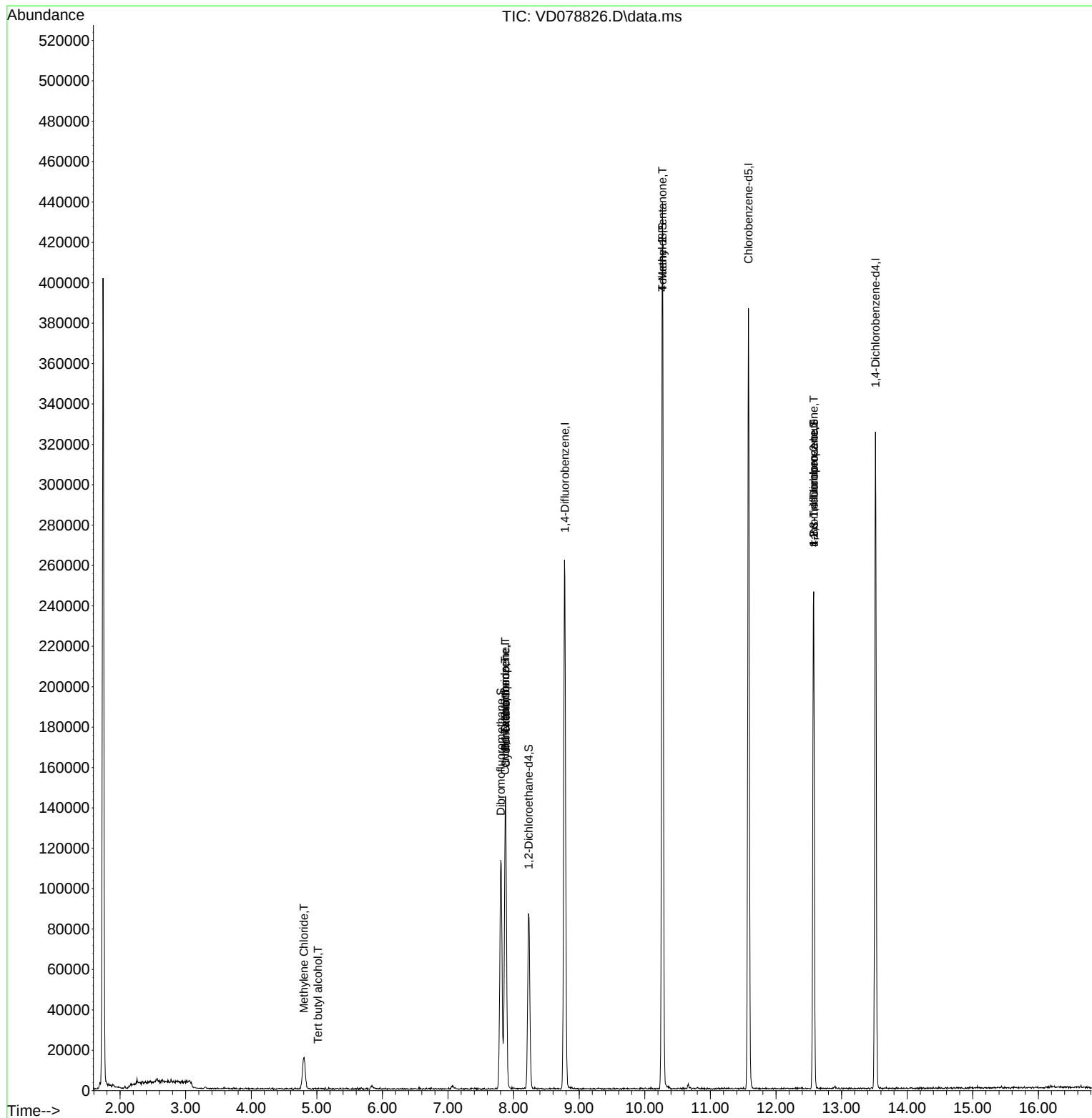
Internal Standards						
1) Pentafluorobenzene	7.875	168	111980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69735	66.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.90%
35) Dibromofluoromethane	7.805	113	83484	53.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.90%
50) Toluene-d8	10.269	98	301194	52.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.88%
62) 4-Bromofluorobenzene	12.575	95	71733	42.69	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.38%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.016	59	62	1.32	ug/l #	75
20) Methylene Chloride	4.805	84	12299	4.45	ug/l	93
31) Cyclohexane	7.881	56	2522	1.43	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	7910	3.49	ug/l #	48
38) Carbon Tetrachloride	7.869	117	11463	4.80	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1169	1.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	39368	58.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39368	122.30	ug/l #	19

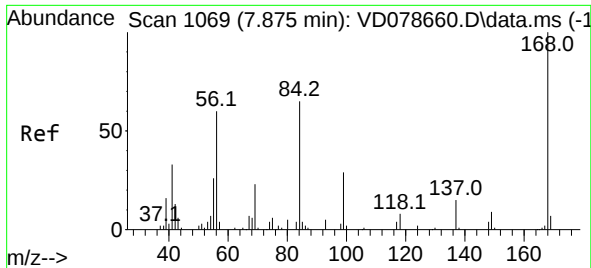
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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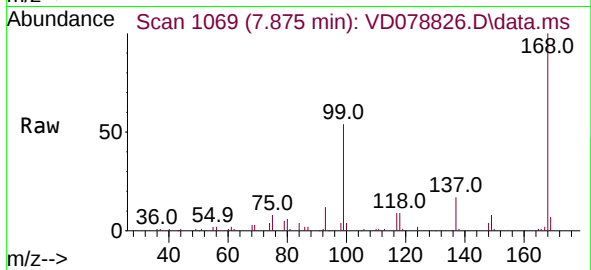
Quant Time: Apr 16 22:34:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



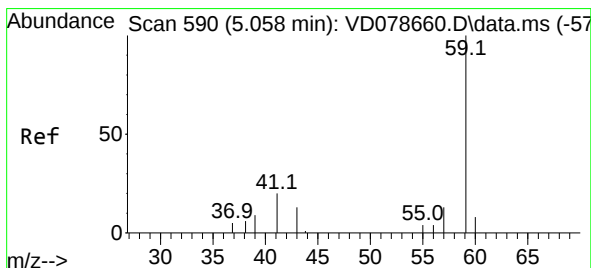
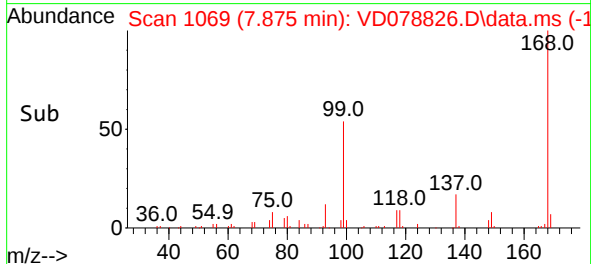
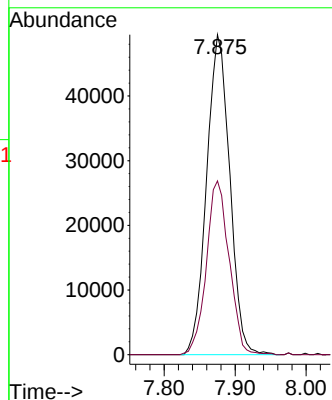


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

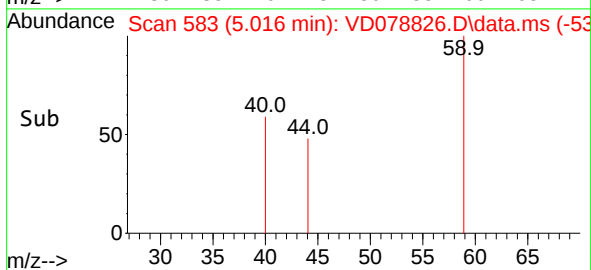
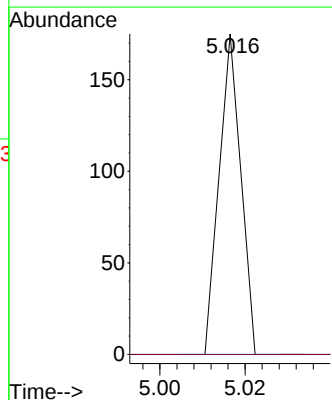
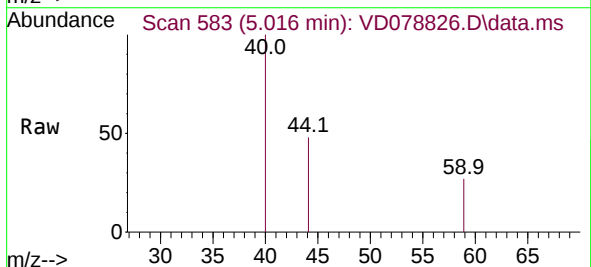


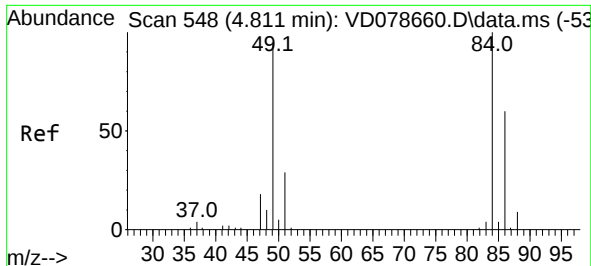
Tgt Ion:168 Resp: 111980
Ion Ratio Lower Upper
168 100
99 54.3 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.32 ug/l
RT: 5.016 min Scan# 583
Delta R.T. -0.041 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

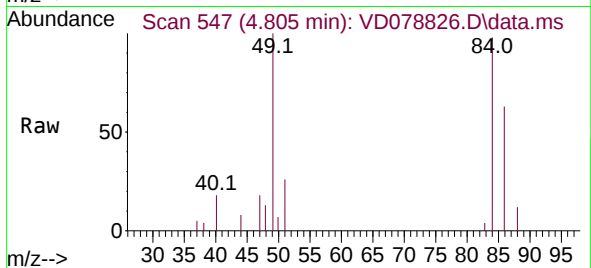
Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





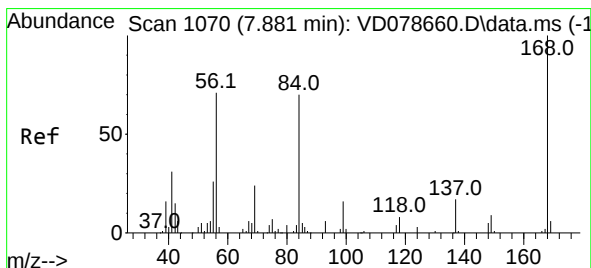
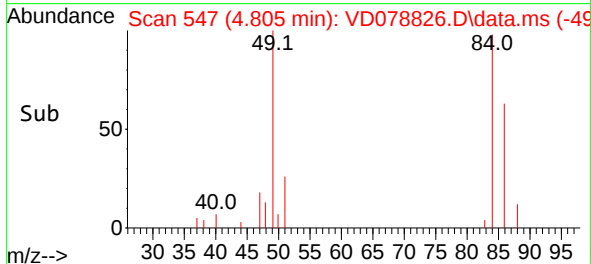
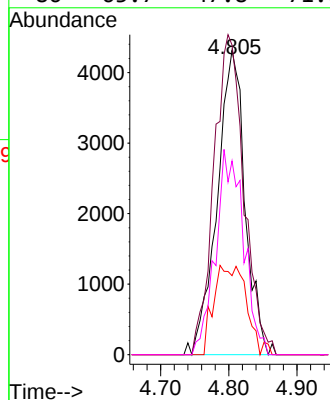
#20
Methylene Chloride
Concen: 4.45 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 12299

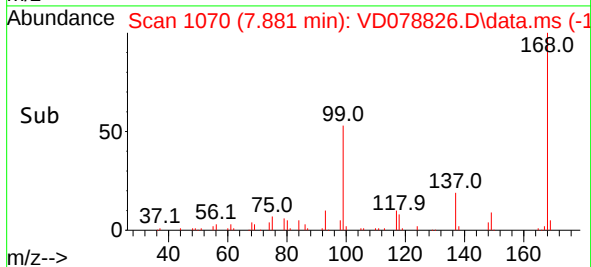
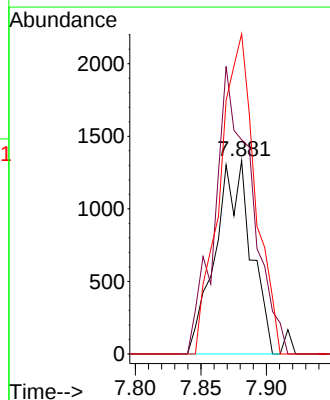
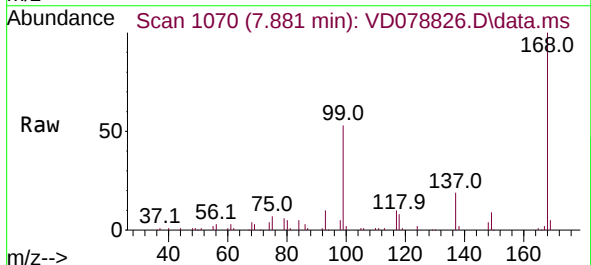
Ion	Ratio	Lower	Upper
84	100		
49	101.7	75.6	113.4
51	26.0	23.4	35.0
86	63.7	47.8	71.6

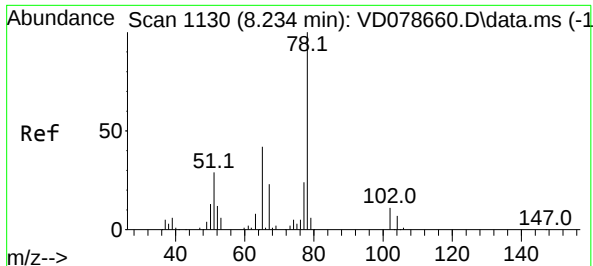


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Tgt Ion: 56 Resp: 2522

Ion	Ratio	Lower	Upper
56	100		
69	110.7	26.6	40.0#
84	165.4	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 66.45 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078826.D

Acq: 16 Apr 2024 16:22

Instrument :

MSVOA_D

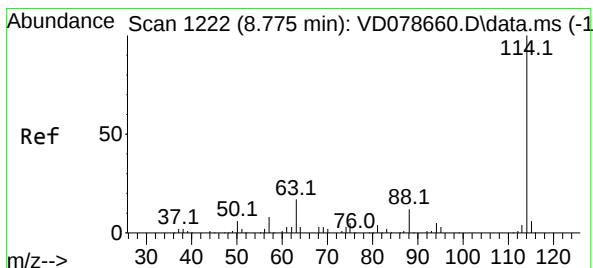
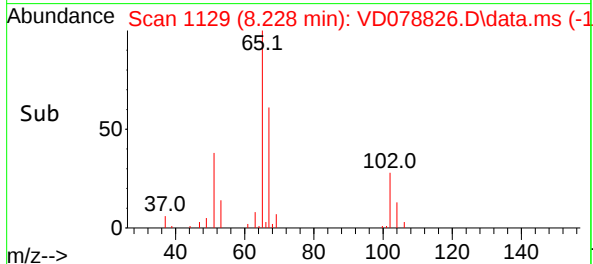
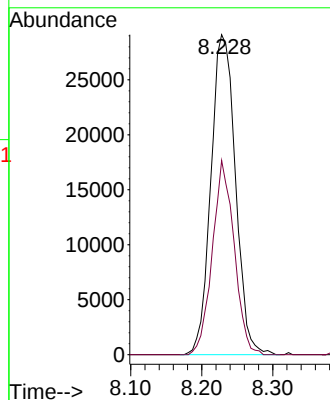
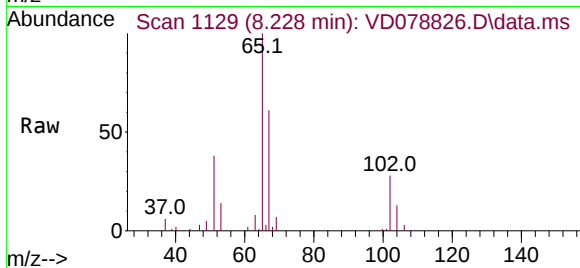
ClientSampleId :

Tgt Ion: 65 Resp: 69735

Ion Ratio Lower Upper

65 100

67 54.0 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: VD078826.D

Acq: 16 Apr 2024 16:22

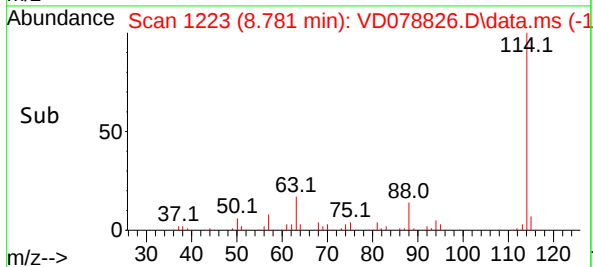
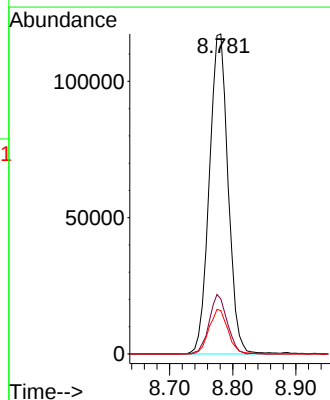
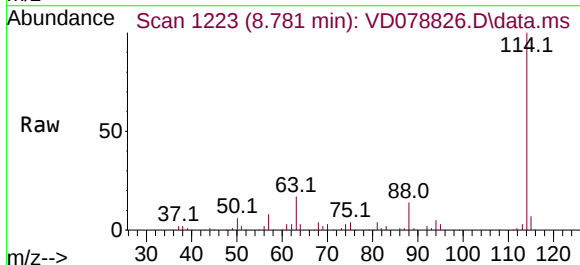
Tgt Ion:114 Resp: 242569

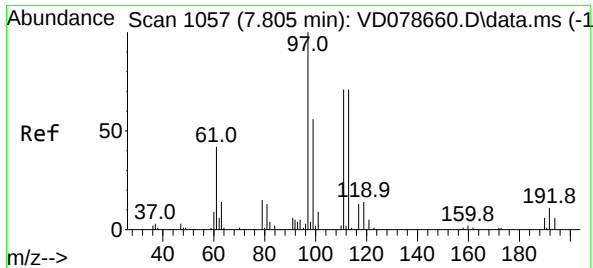
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

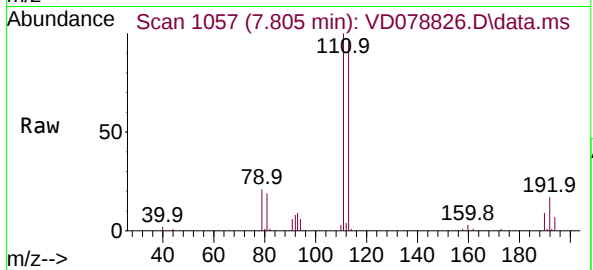
88 13.6 0.0 24.6



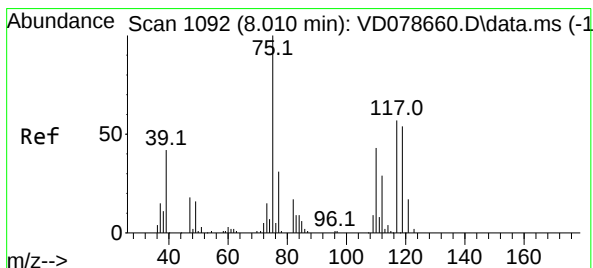
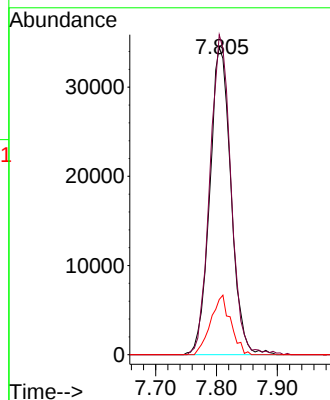
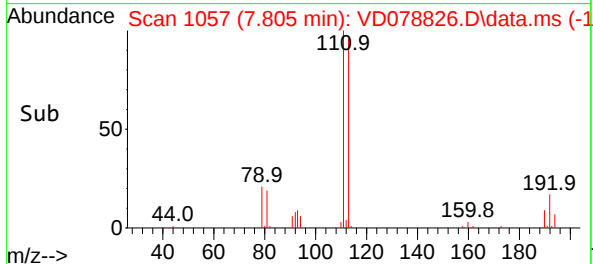


#35
Dibromofluoromethane
Concen: 53.45 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

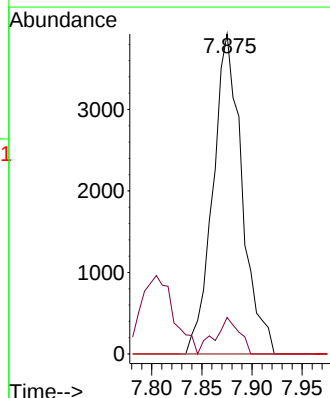
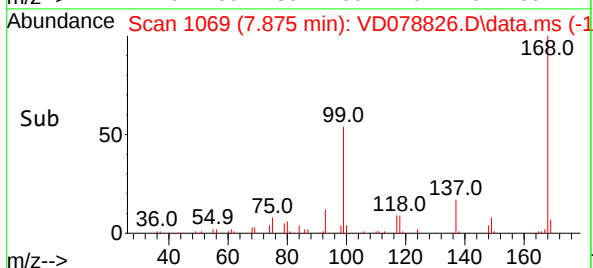
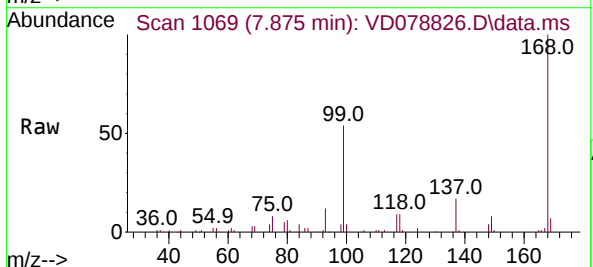


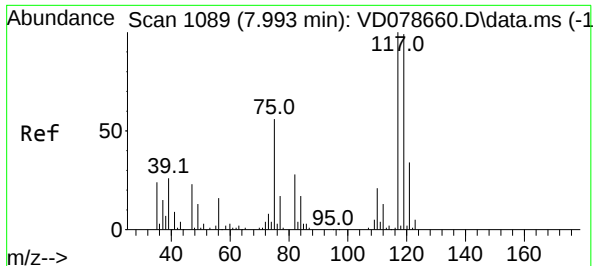
Tgt Ion:113 Resp: 83484
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.49 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

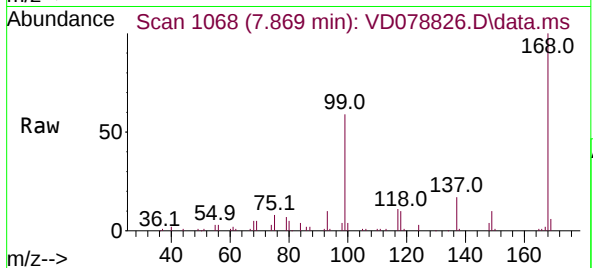
Tgt Ion: 75 Resp: 7910
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.1#
77 0.0 25.4 38.2#



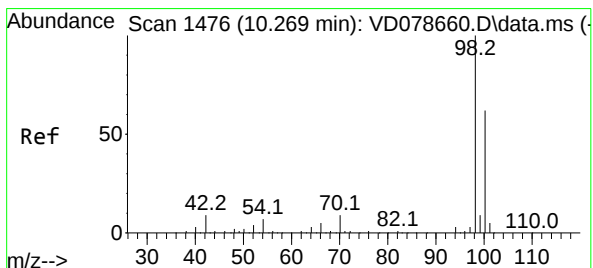
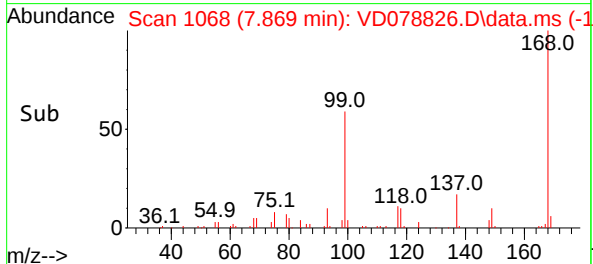
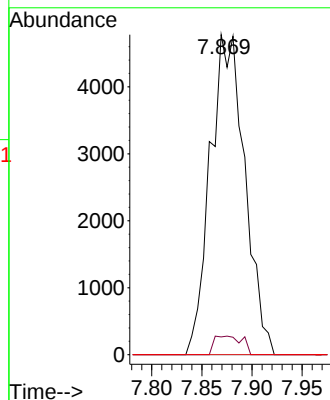


#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

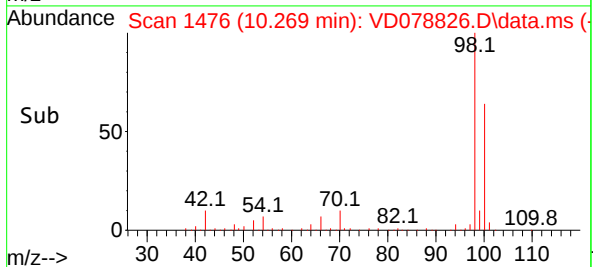
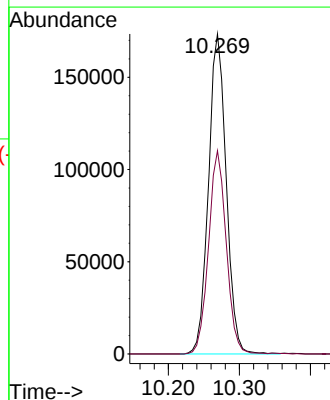
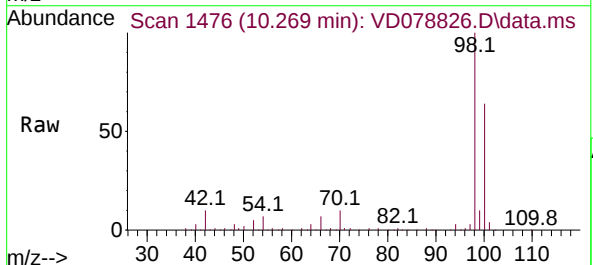


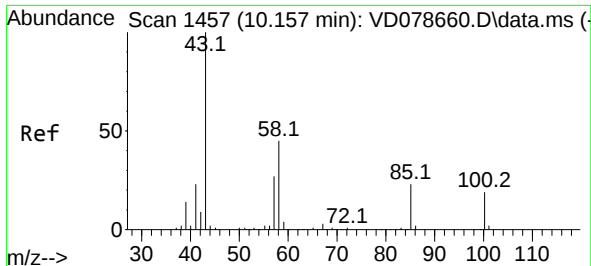
Tgt Ion:117 Resp: 11463
Ion Ratio Lower Upper
117 100
119 5.6 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Tgt Ion: 98 Resp: 301194
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

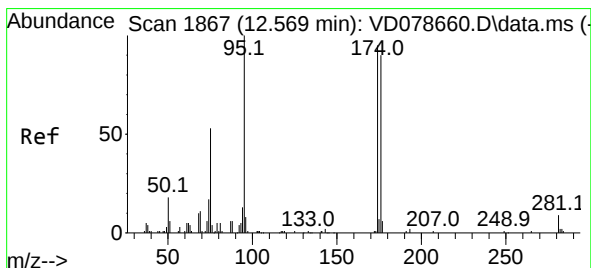
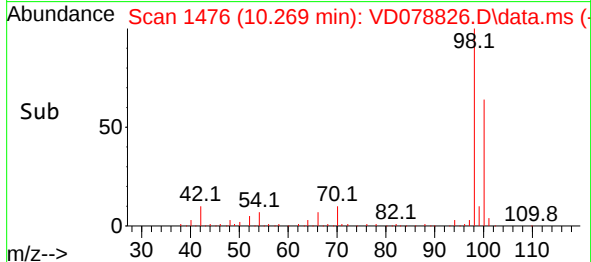
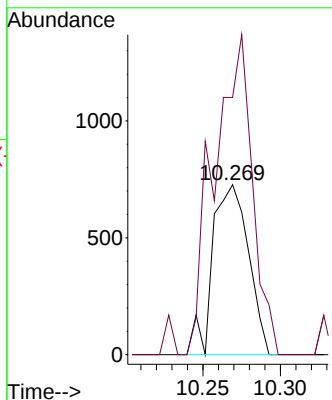
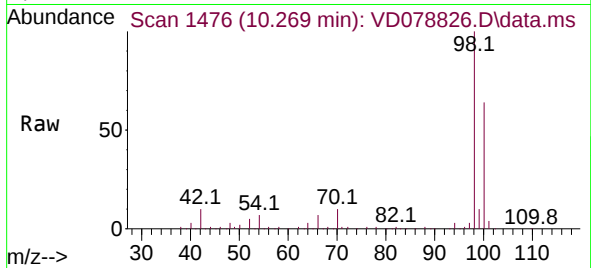




#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

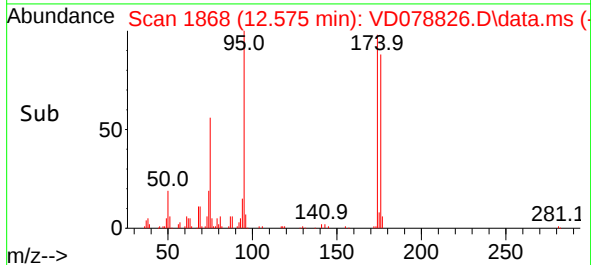
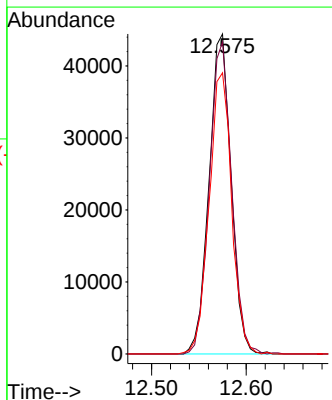
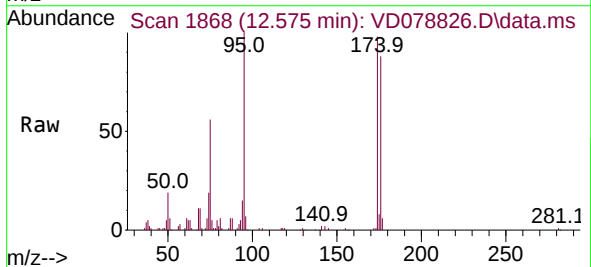
Instrument :
MSVOA_D
ClientSampleId :

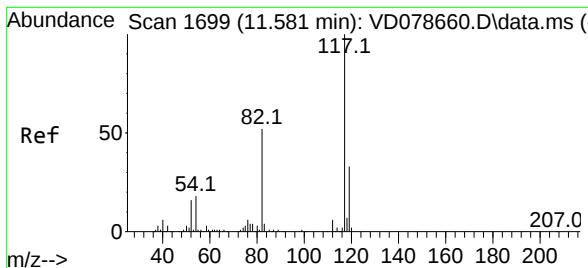
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 201.0 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 42.69 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

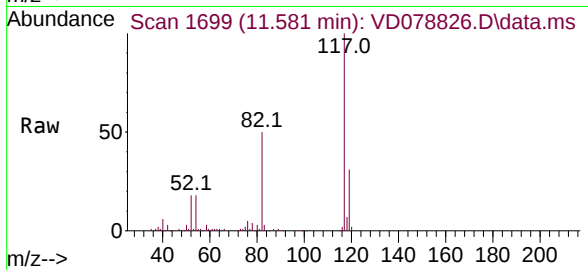
Tgt Ion: 95 Resp: 71733
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.2
176 90.1 0.0 188.2



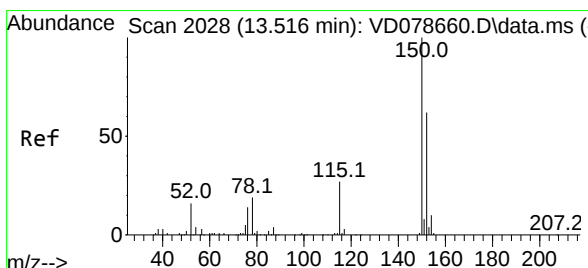
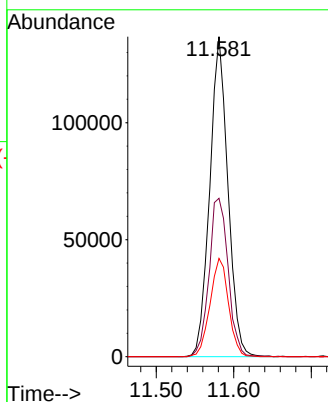
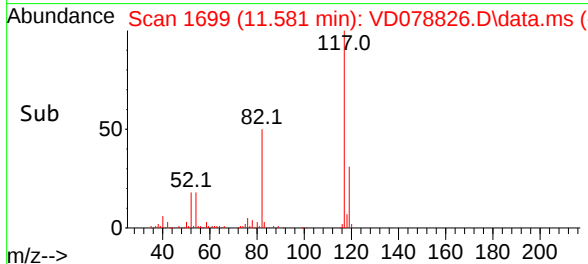


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

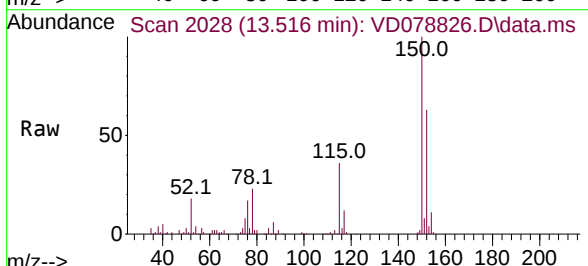
Instrument :
MSVOA_D
ClientSampleId :



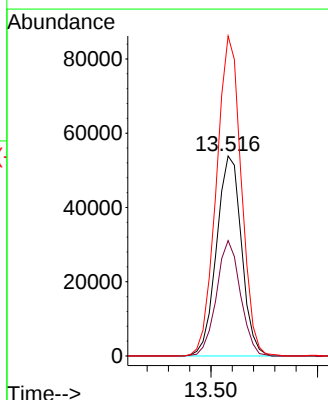
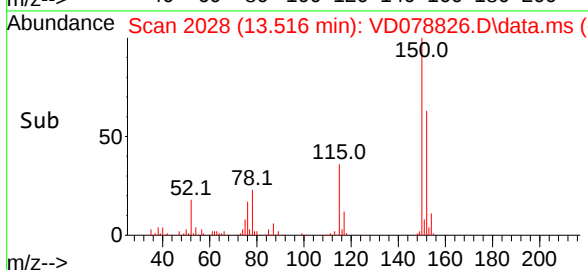
Tgt Ion:117 Resp: 222471
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 30.7 26.5 39.7

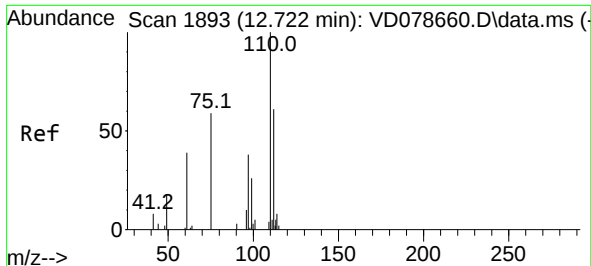


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22



Tgt Ion:152 Resp: 87583
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.2
150 159.4 0.0 350.2

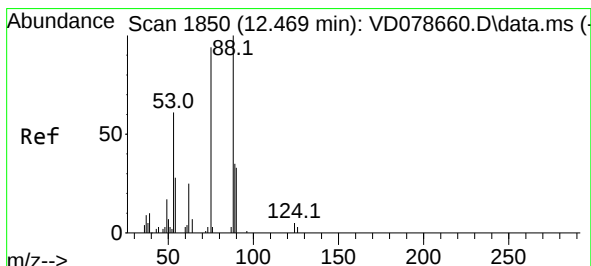
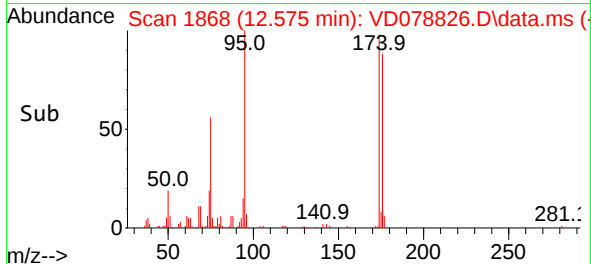
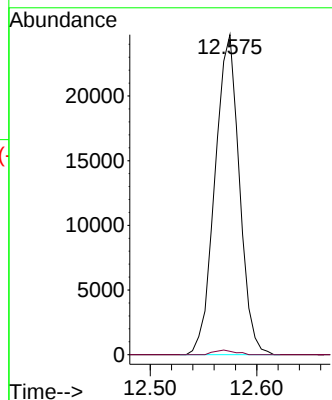
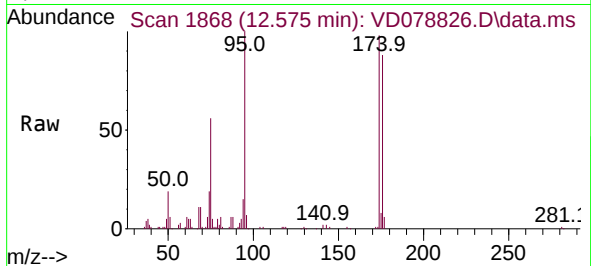




#76
1,2,3-Trichloropropane
Concen: 58.34 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39368
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.30 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078826.D
Acq: 16 Apr 2024 16:22

Tgt Ion: 75 Resp: 39368
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.2 35.4 53.0#

