

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078829.D
 Acq On : 16 Apr 2024 17:46
 Operator : RP/MD
 Sample : P2127-06
 Misc : 3.17G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:35:36 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)

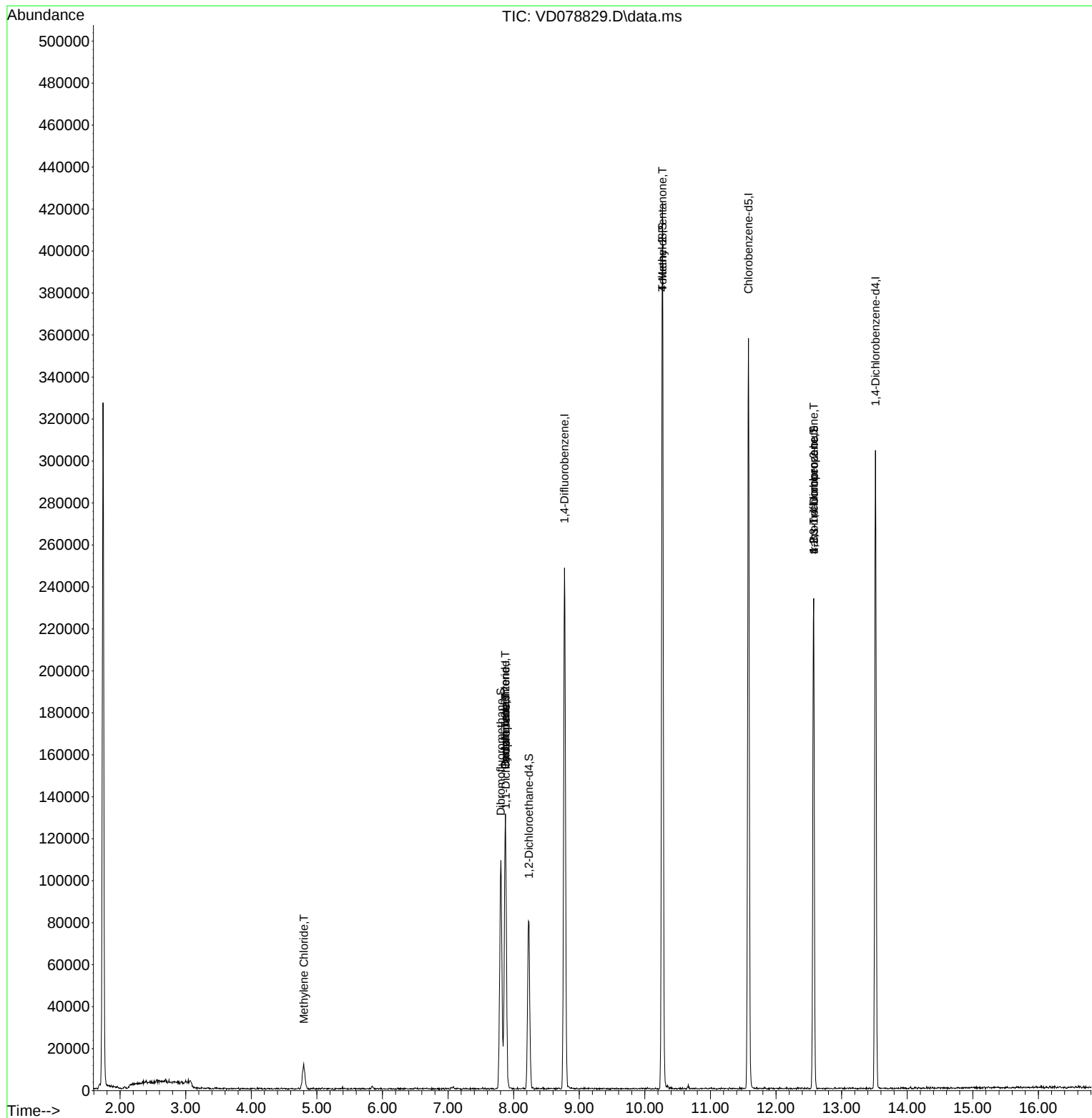
Internal Standards						
1) Pentafluorobenzene	7.875	168	99253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	226474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64284	69.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.22%
35) Dibromofluoromethane	7.804	113	77870	53.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.80%
50) Toluene-d8	10.269	98	288339	53.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.54%
62) 4-Bromofluorobenzene	12.575	95	69962	44.59	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.18%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	8980	2.72	ug/l	90
31) Cyclohexane	7.875	56	2189	1.40	ug/l #	34
36) 1,1-Dichloropropene	7.881	75	8021	3.79	ug/l #	45
38) Carbon Tetrachloride	7.875	117	9654	4.33	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1276	1.94	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	35135	57.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35135	119.96	ug/l #	19

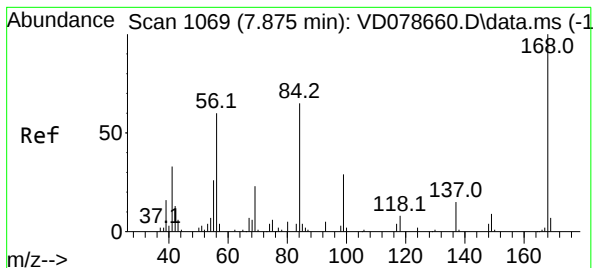
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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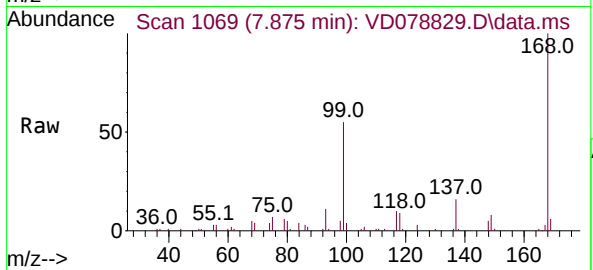
Quant Time: Apr 16 22:35:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



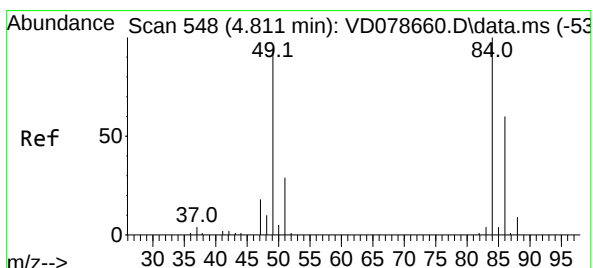
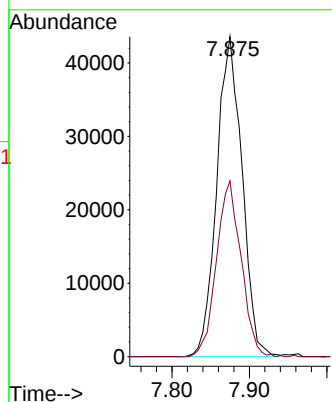
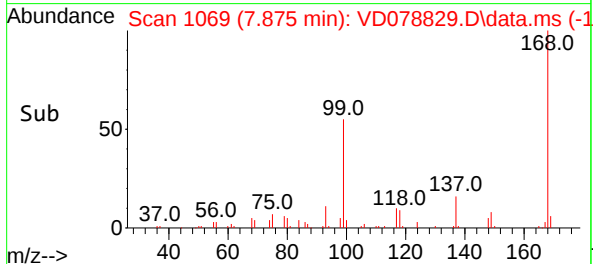


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Instrument :
MSVOA_D
ClientSampleId :

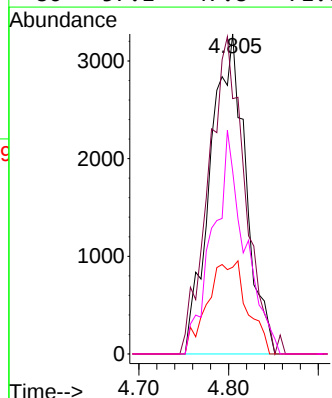
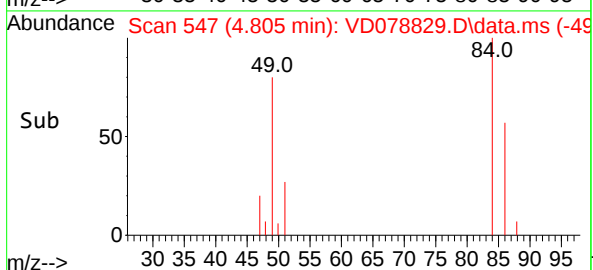
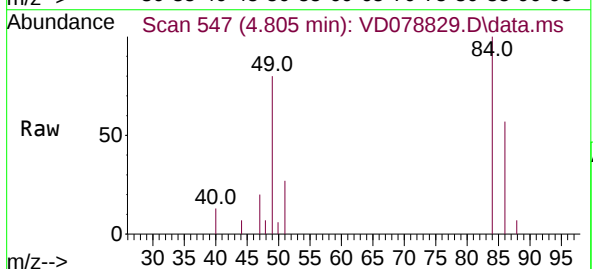


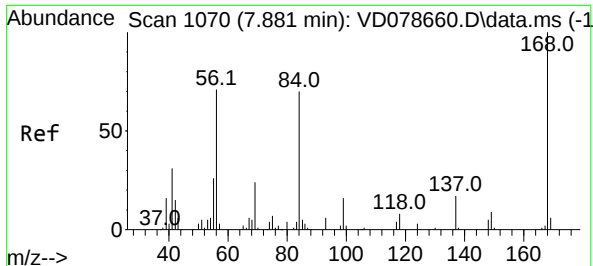
Tgt Ion:168 Resp: 99253
Ion Ratio Lower Upper
168 100
99 54.9 38.8 58.2



#20
Methylene Chloride
Concen: 2.72 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

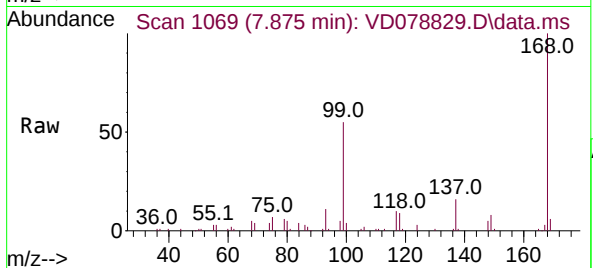
Tgt Ion: 84 Resp: 8980
Ion Ratio Lower Upper
84 100
49 79.8 75.6 113.4
51 27.1 23.4 35.0
86 57.1 47.8 71.6



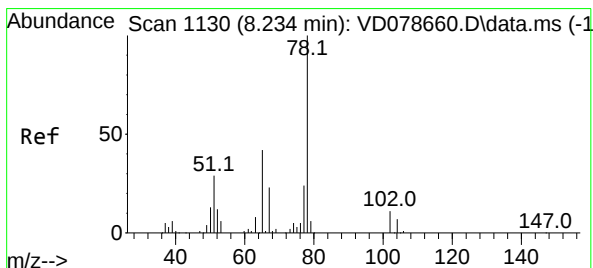
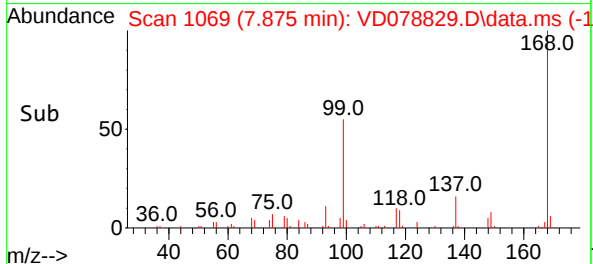
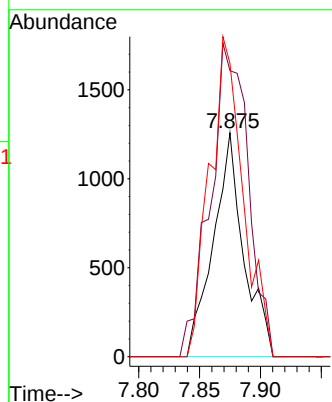


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Instrument :
MSVOA_D
ClientSampleId :

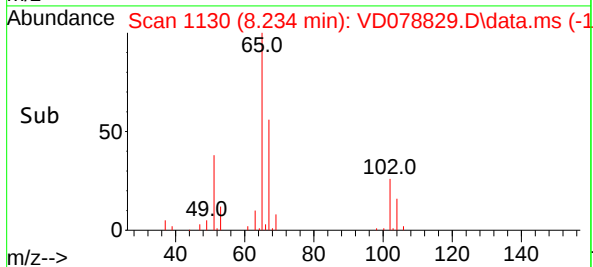
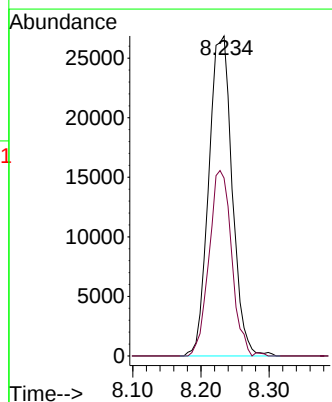
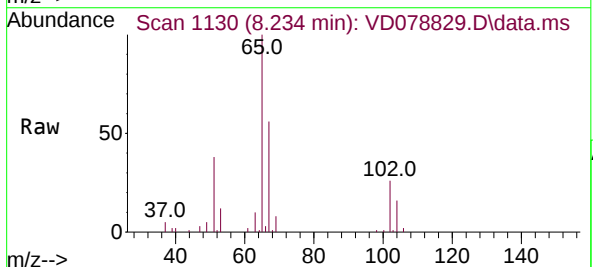


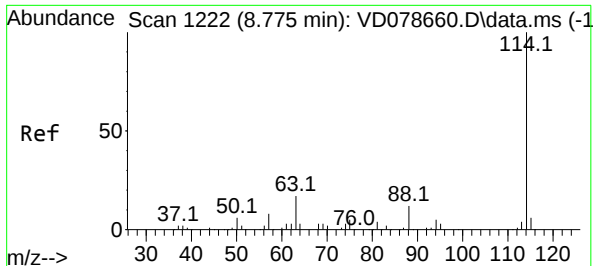
Tgt Ion: 56 Resp: 2189
Ion Ratio Lower Upper
56 100
69 127.7 26.6 40.0#
84 131.0 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 69.11 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Tgt Ion: 65 Resp: 64284
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.2

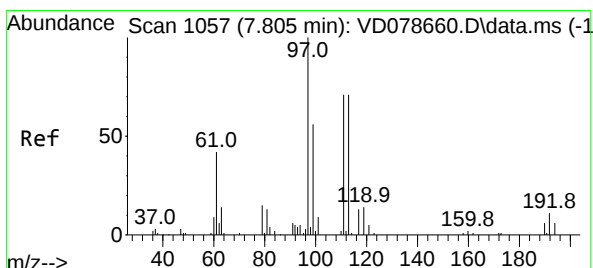
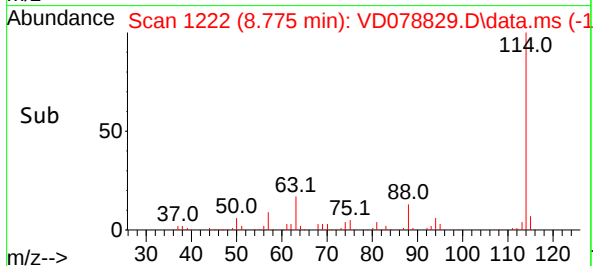
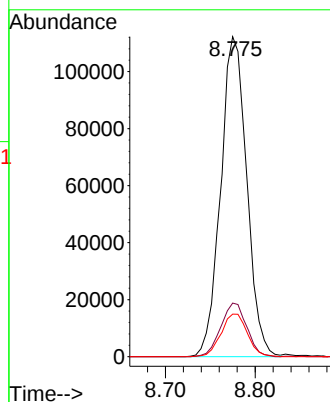
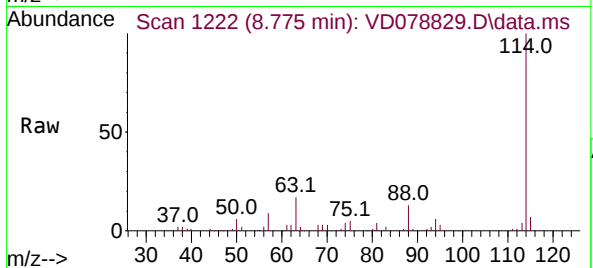




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

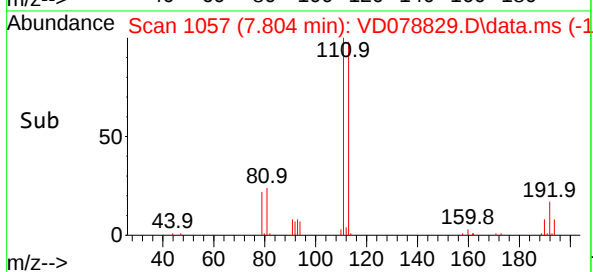
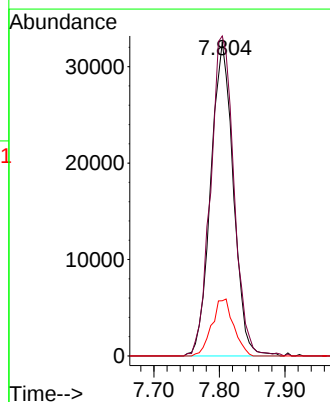
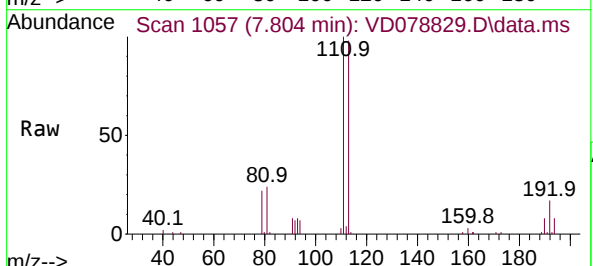
Instrument :
MSVOA_D
ClientSampleId :

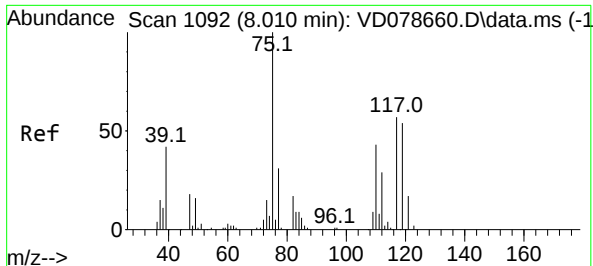
Tgt Ion:114 Resp: 226474
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 13.3 0.0 24.6



#35
Dibromofluoromethane
Concen: 53.40 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Tgt Ion:113 Resp: 77870
Ion Ratio Lower Upper
113 100
111 105.9 81.9 122.9
192 17.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.79 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.130 min

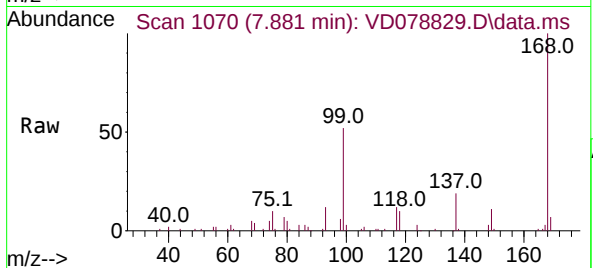
Lab File: VD078829.D

Acq: 16 Apr 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :



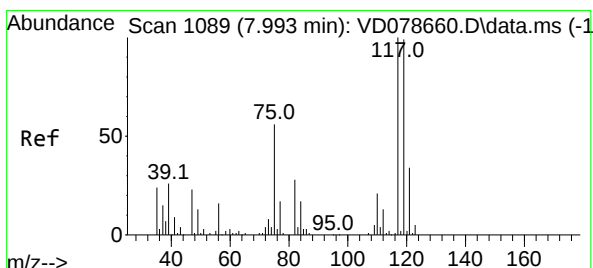
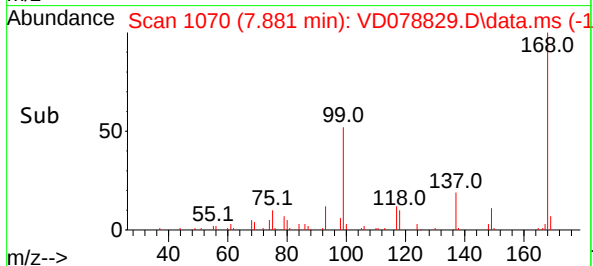
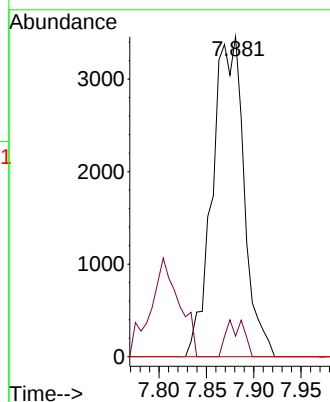
Tgt Ion: 75 Resp: 8021

Ion Ratio Lower Upper

75 100

110 6.3 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.33 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078829.D

Acq: 16 Apr 2024 17:46

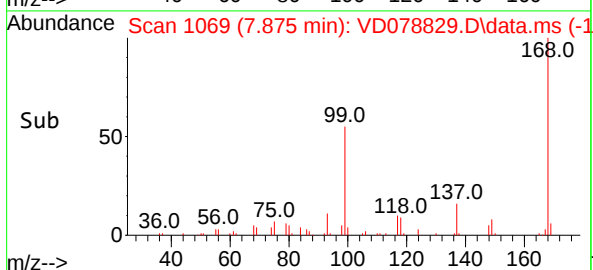
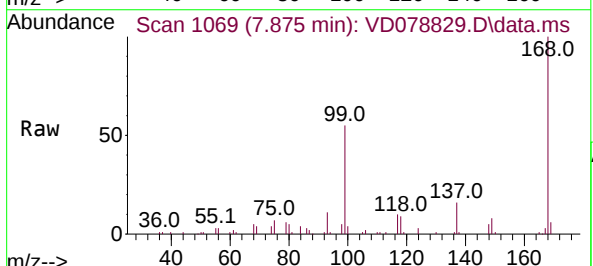
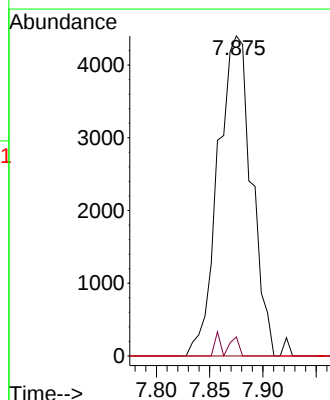
Tgt Ion: 117 Resp: 9654

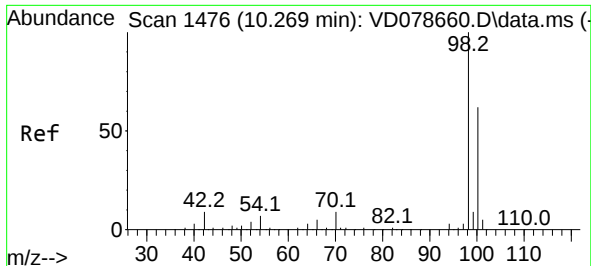
Ion Ratio Lower Upper

117 100

119 6.0 79.2 118.8#

121 0.0 26.8 40.2#

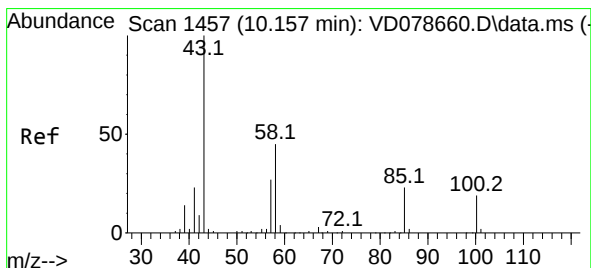
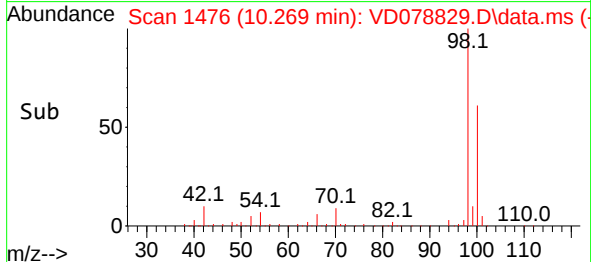
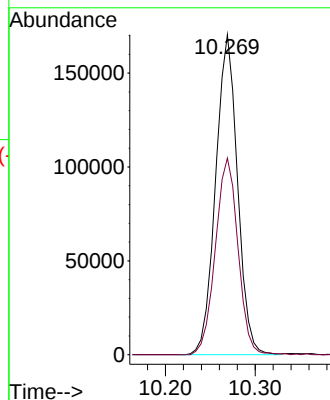
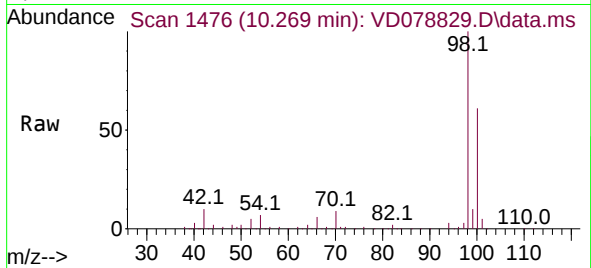




#50
Toluene-d8
Concen: 53.77 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

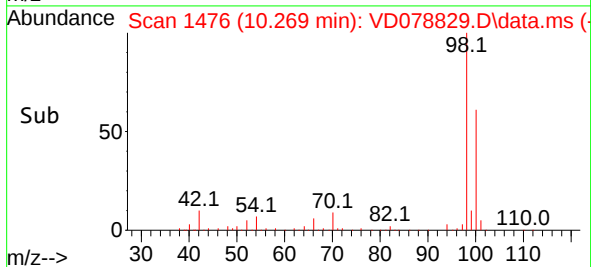
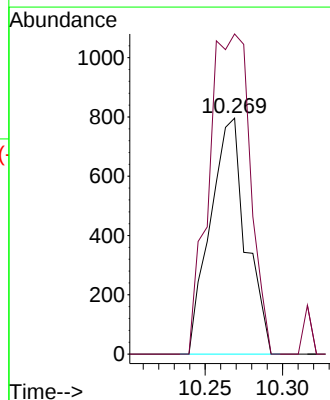
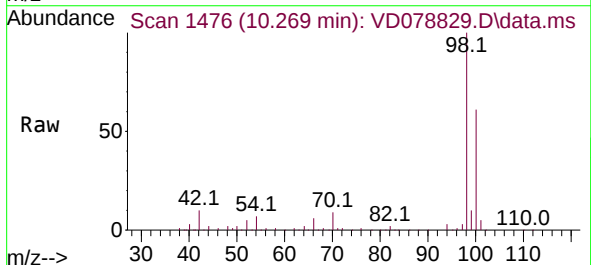
Instrument :
MSVOA_D
ClientSampleId :

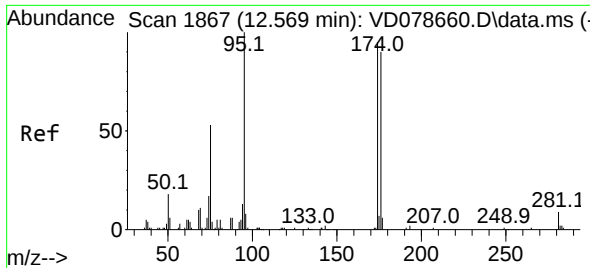
Tgt Ion: 98 Resp: 288339
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.94 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

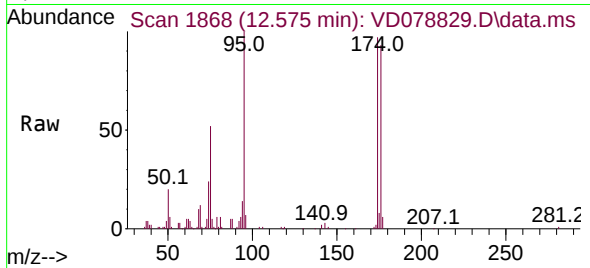
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 157.5 36.4 54.6#



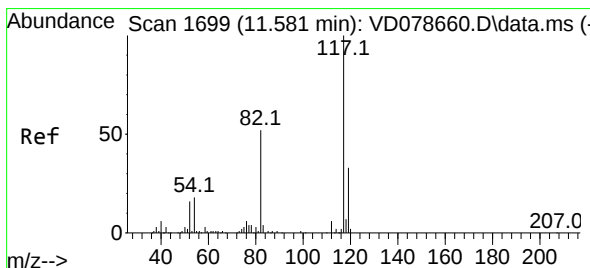
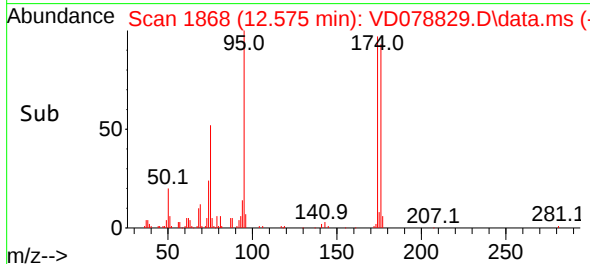
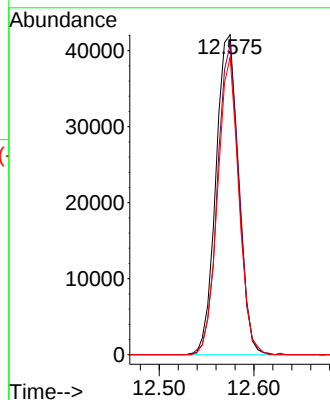


#62
4-Bromofluorobenzene
Concen: 44.59 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

Instrument :
MSVOA_D
ClientSampleId :

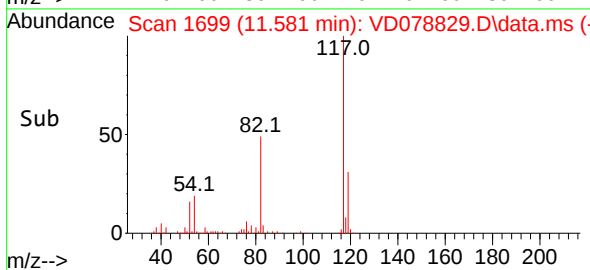
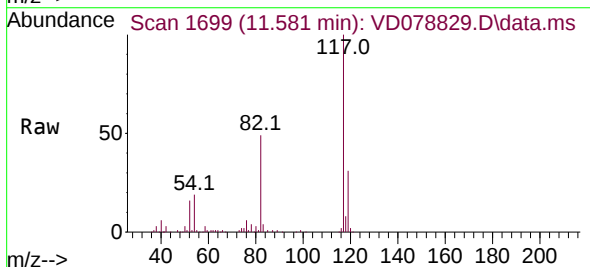
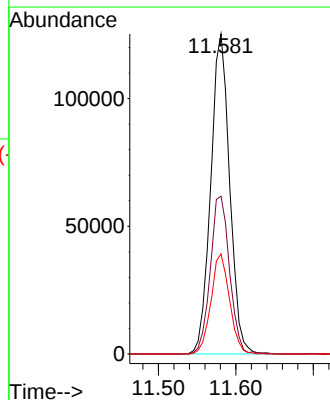


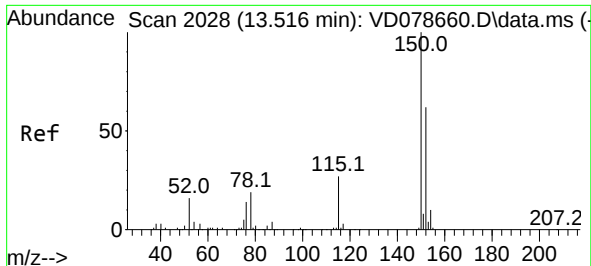
Tgt Ion: 95 Resp: 69962
Ion Ratio Lower Upper
95 100
174 92.1 0.0 195.2
176 87.2 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078829.D
Acq: 16 Apr 2024 17:46

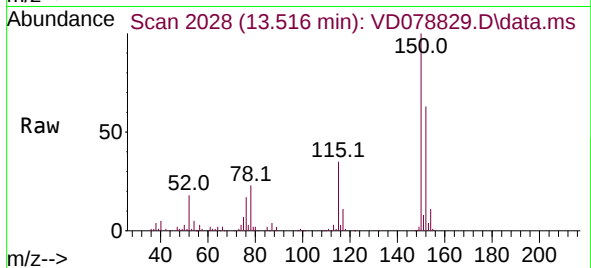
Tgt Ion: 117 Resp: 212932
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 31.3 26.5 39.7



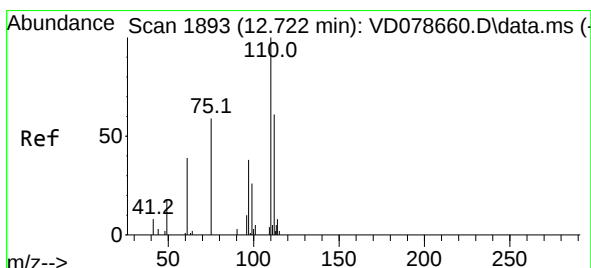
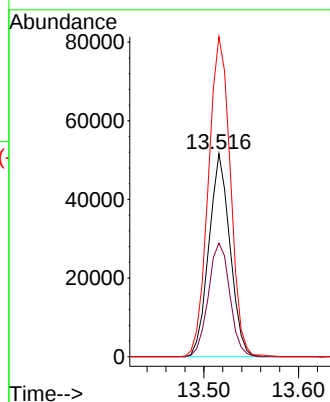
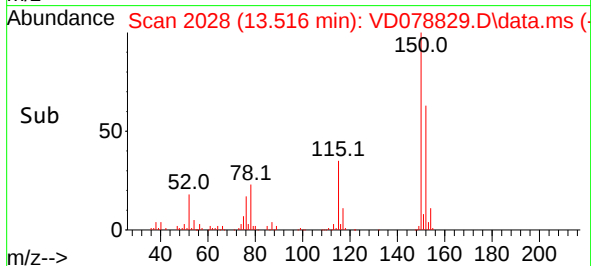


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078829.D
 Acq: 16 Apr 2024 17:46

Instrument :
 MSVOA_D
 ClientSampleId :

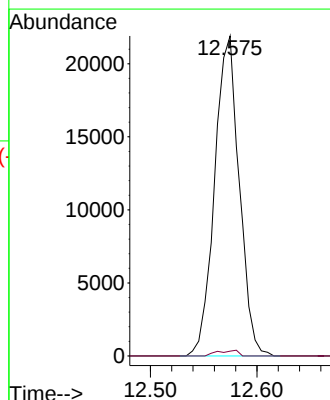
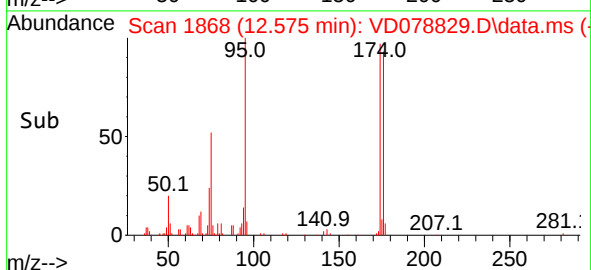
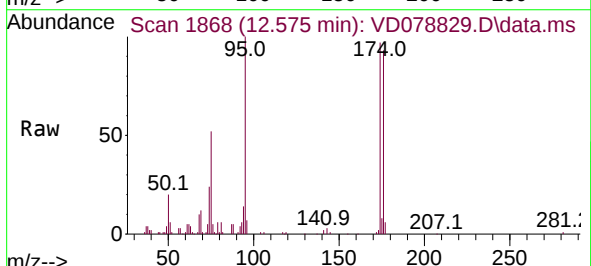


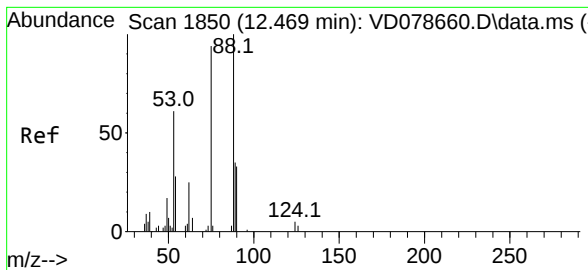
Tgt Ion:152 Resp: 79690
 Ion Ratio Lower Upper
 152 100
 115 57.0 27.1 81.2
 150 164.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 57.23 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078829.D
 Acq: 16 Apr 2024 17:46

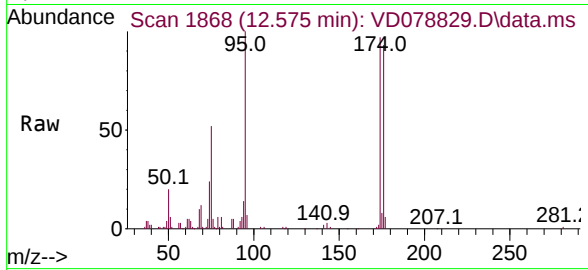
Tgt Ion: 75 Resp: 35135
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.96 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078829.D
 Acq: 16 Apr 2024 17:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	35135
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.2	35.4	53.0#

