

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075216.D
 Acq On : 26 Jan 2023 17:45
 Operator : KP/SY
 Sample : 01318-16
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RJ-1-012523

Quant Time: Jan 27 00:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

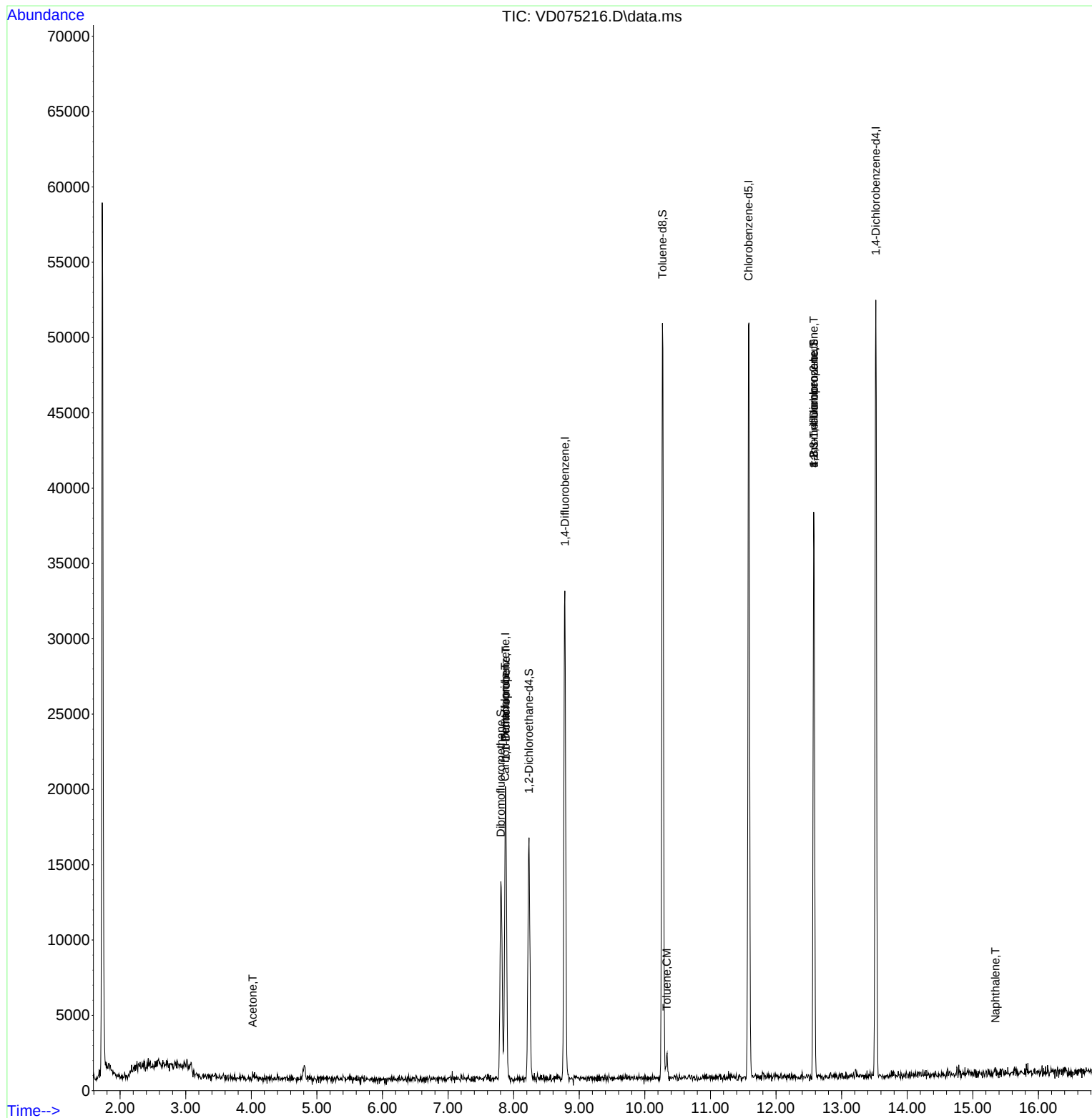
Internal Standards						
1) Pentafluorobenzene	7.875	168	14681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	27951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28697	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	13577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12136	81.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.020%	
35) Dibromofluoromethane	7.805	113	9648	57.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.240%	
50) Toluene-d8	10.269	98	34636	52.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.575	95	12192	57.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	193	4.885	ug/l #	42
20) Methylene Chloride	4.811	84	635	Below Cal	#	62
36) 1,1-Dichloropropene	7.881	75	1223	4.507	ug/l #	41
38) Carbon Tetrachloride	7.869	117	1384	6.057	ug/l #	14
52) Toluene	10.334	92	1057	2.161	ug/l	81
76) 1,2,3-Trichloropropane	12.575	75	6508	56.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	6508	131.283	ug/l #	14
95) Naphthalene	15.345	128	570	1.073	ug/l #	69

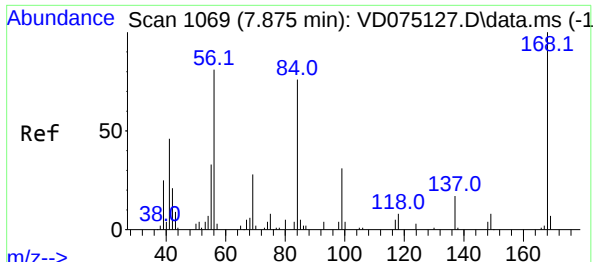
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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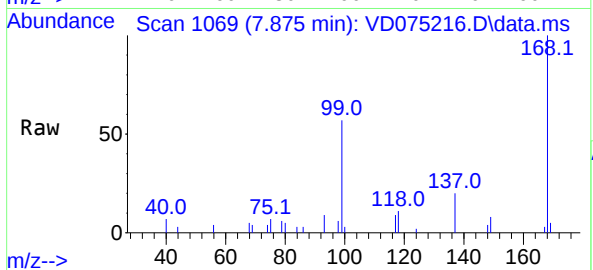
Quant Time: Jan 27 00:26:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



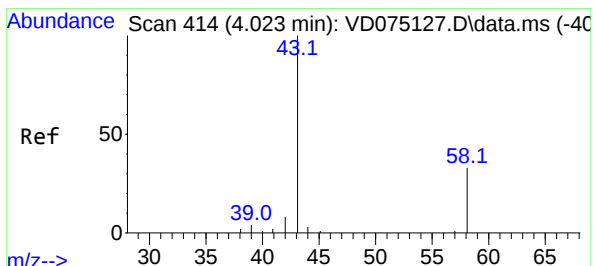
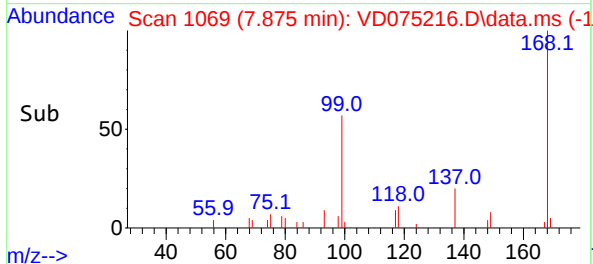
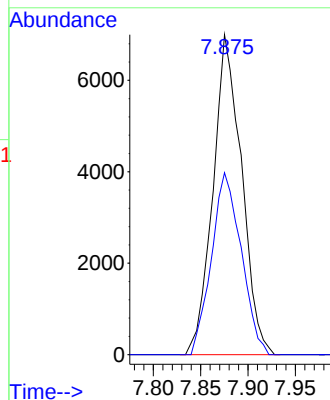


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

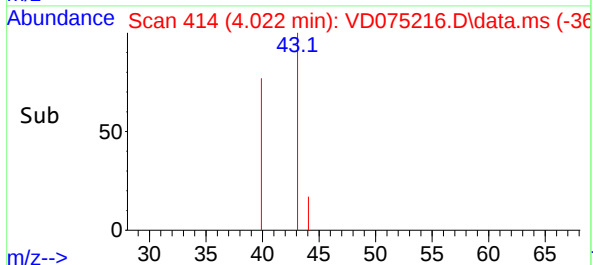
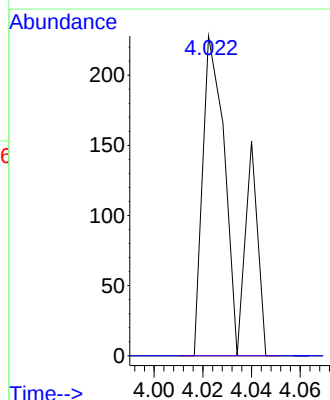
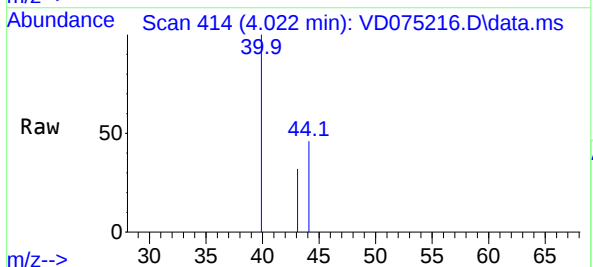


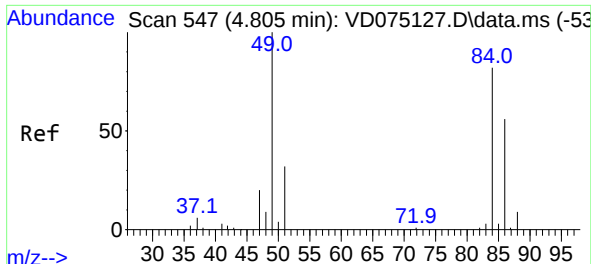
Tgt Ion:168 Resp: 14681
Ion Ratio Lower Upper
168 100
99 56.8 45.2 67.8



#16
Acetone
Concen: 4.885 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



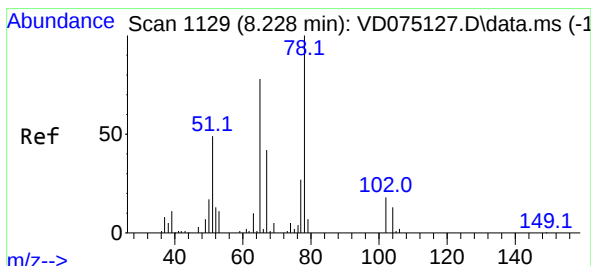
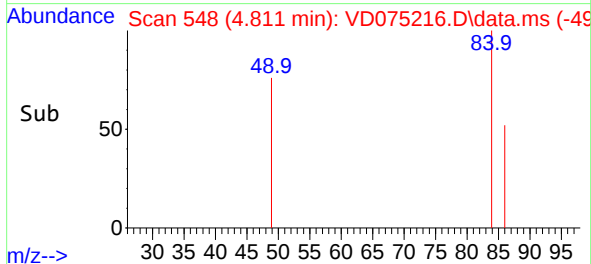
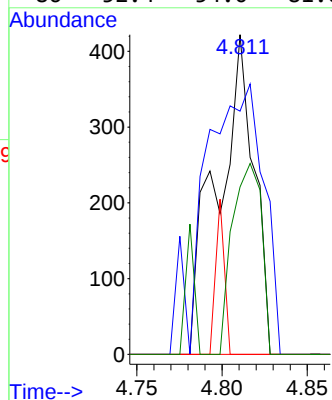
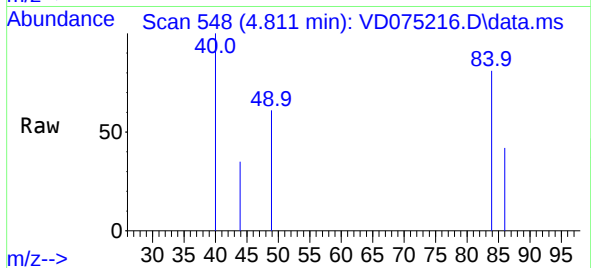


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

Tgt Ion: 84 Resp: 635

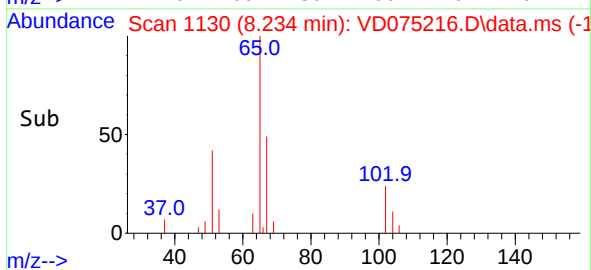
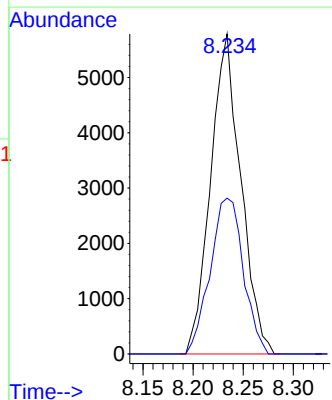
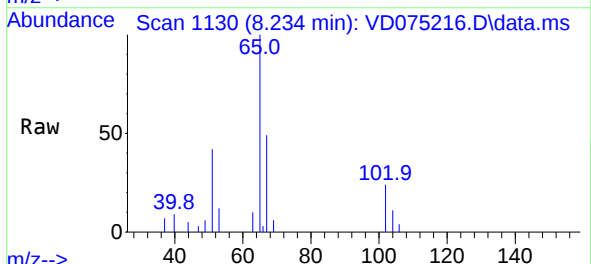
Ion	Ratio	Lower	Upper
84	100		
49	76.1	97.0	145.6#
51	0.0	30.9	46.3#
86	52.4	54.0	81.0#

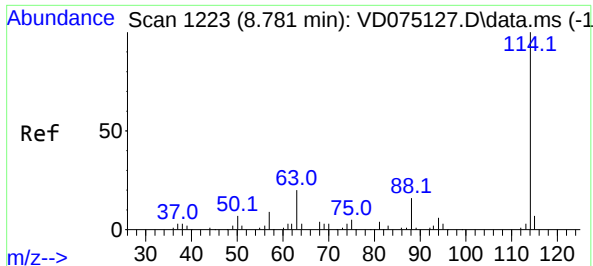


#33
1,2-Dichloroethane-d4
Concen: 81.010 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 65 Resp: 12136

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.2



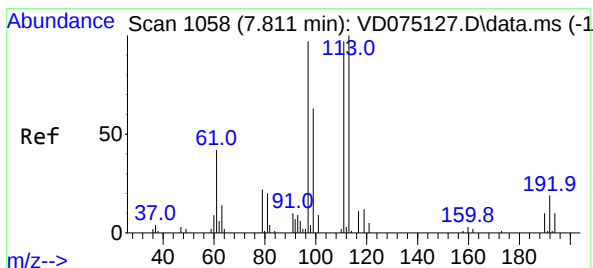
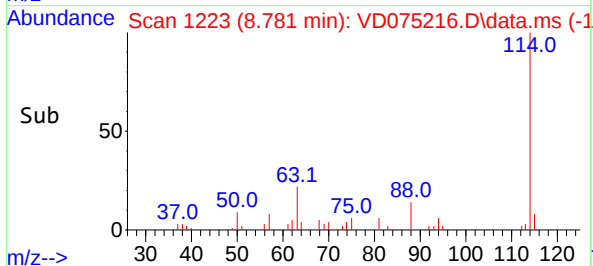
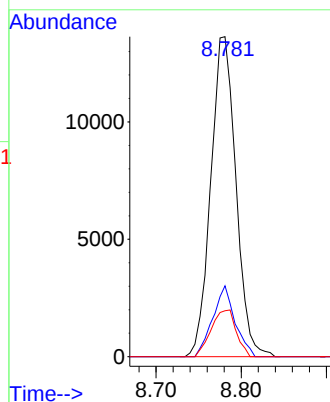
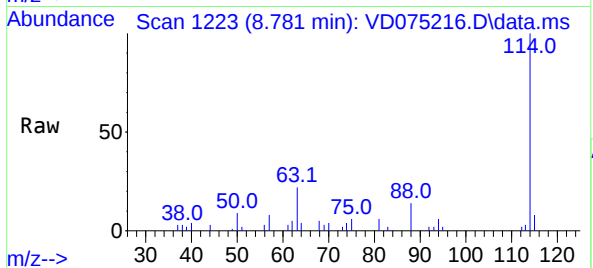


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

Tgt Ion:114 Resp: 27951

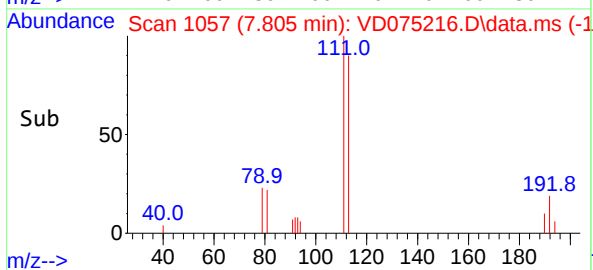
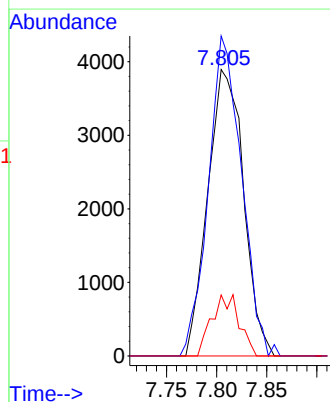
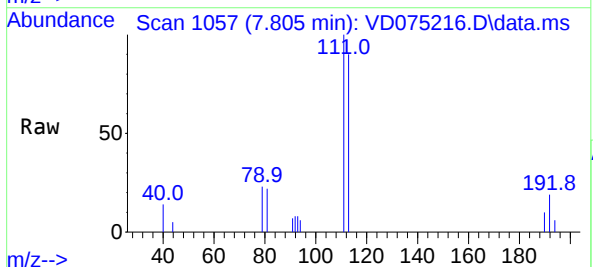
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.2
88	14.3	0.0	32.2

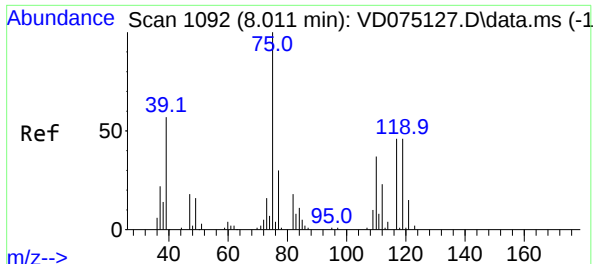


#35
Dibromofluoromethane
Concen: 57.123 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion:113 Resp: 9648

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.1	120.1
192	16.3	15.4	23.0





#36

1,1-Dichloropropene

Concen: 4.507 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075216.D

Acq: 26 Jan 2023 17:45

Instrument :

MSVOA_D

ClientSampleId :

RJ-1-012523

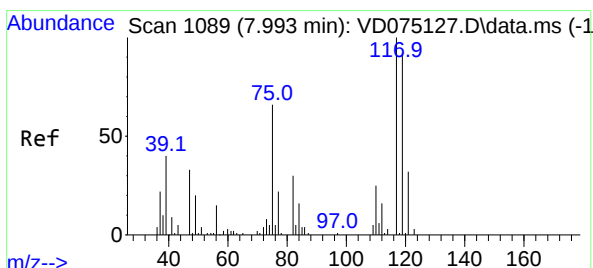
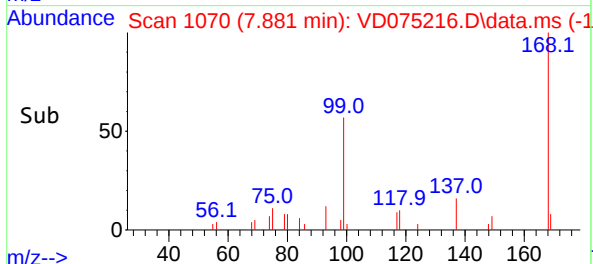
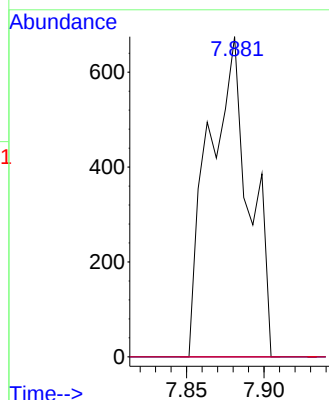
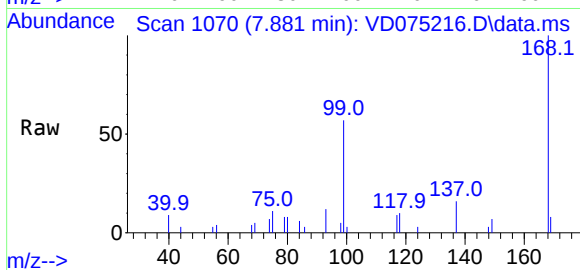
Tgt Ion: 75 Resp: 1223

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.057 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075216.D

Acq: 26 Jan 2023 17:45

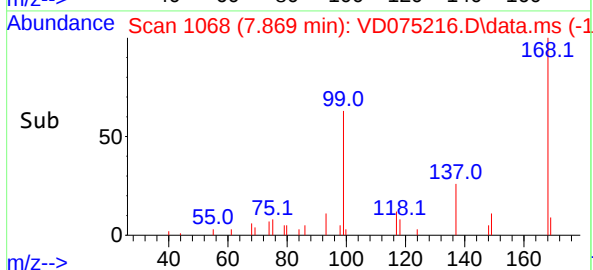
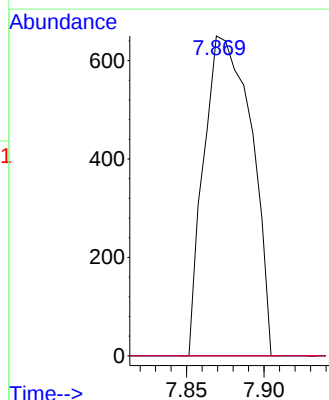
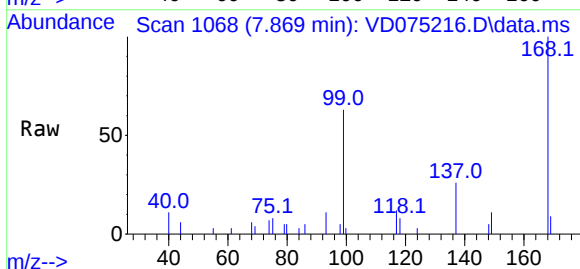
Tgt Ion: 117 Resp: 1384

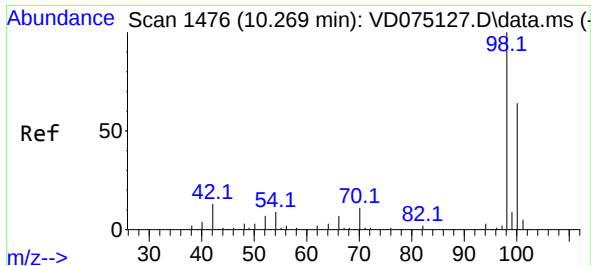
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

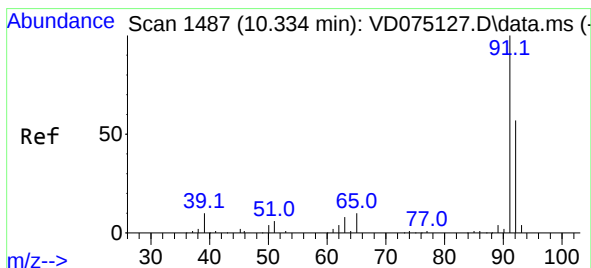
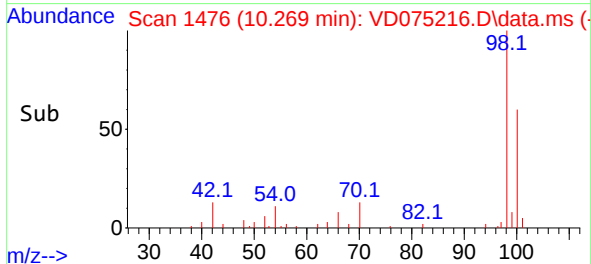
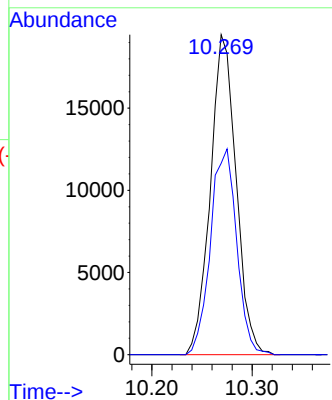
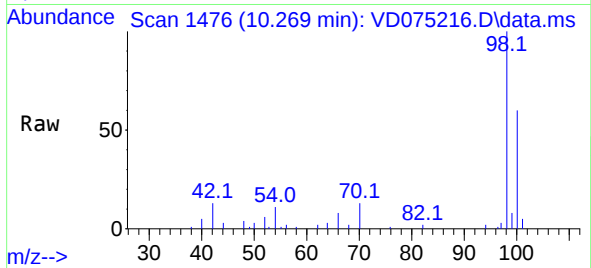




#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

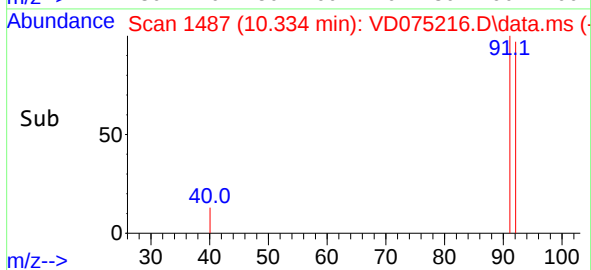
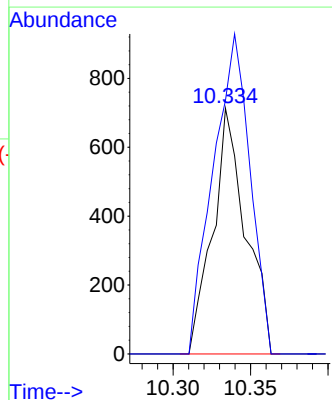
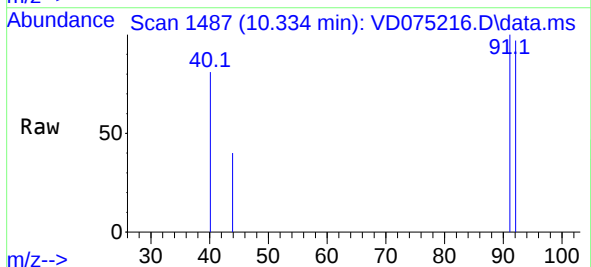
Instrument :
MSVOA_D
ClientSampleId :
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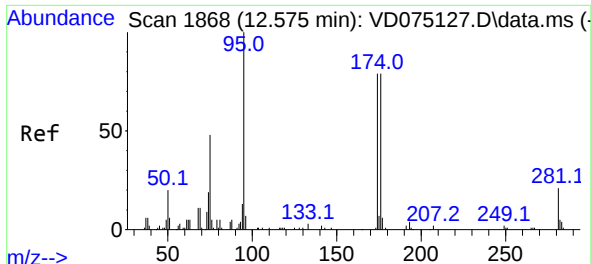
Tgt Ion: 98 Resp: 34636
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#52
Toluene
Concen: 2.161 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 92 Resp: 1057
Ion Ratio Lower Upper
92 100
91 145.5 137.0 205.4

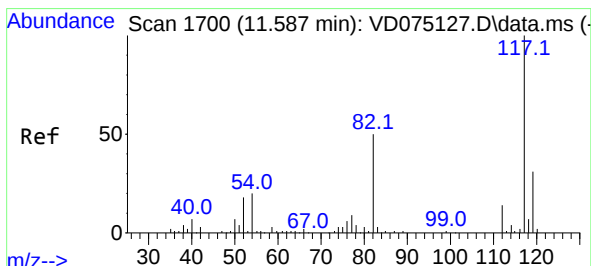
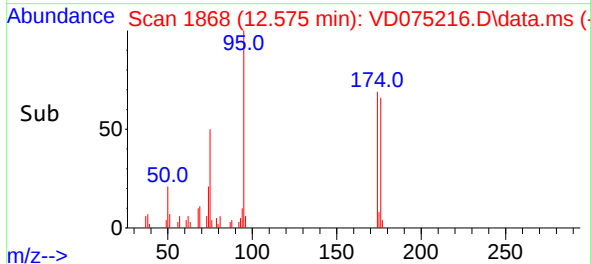
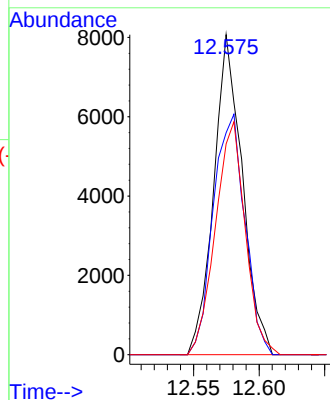
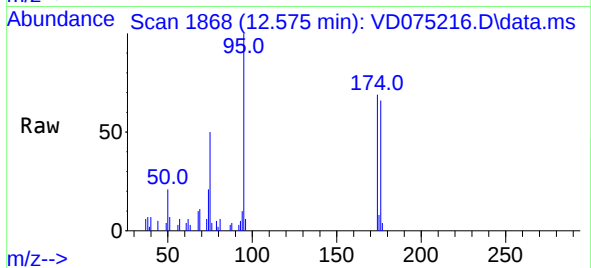




#62
4-Bromofluorobenzene
Concen: 57.766 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

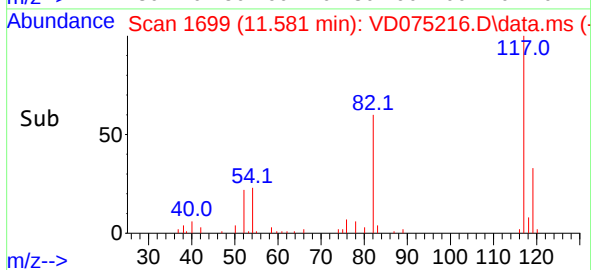
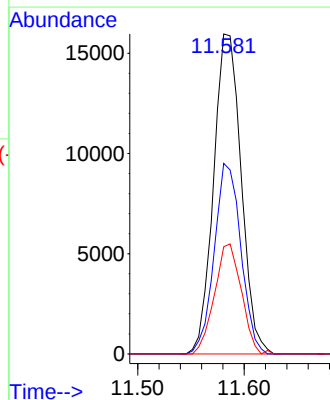
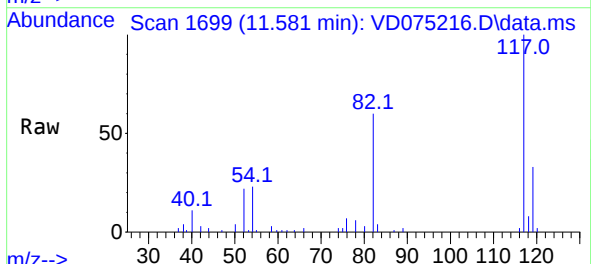
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MSVOA_D
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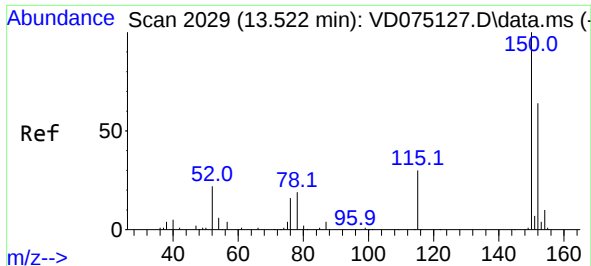
Tgt Ion:	95	Resp:	12192
Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	161.2
176	76.1	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion:	117	Resp:	28697
Ion	Ratio	Lower	Upper
117	100		
82	59.5	39.6	59.4#
119	33.5	24.6	37.0

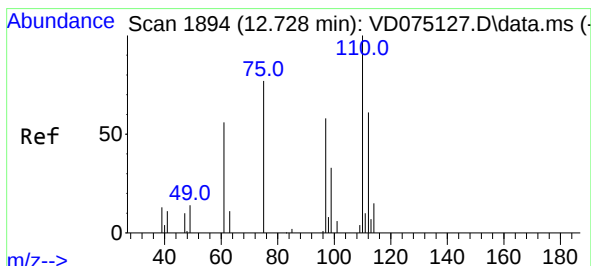
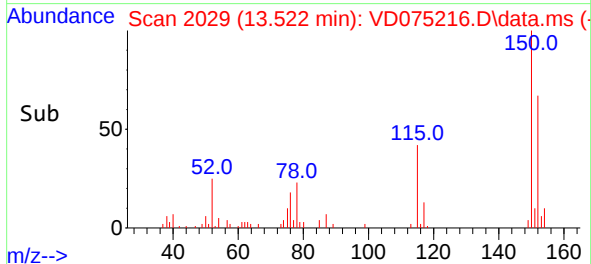
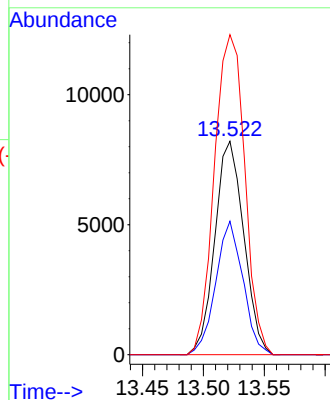
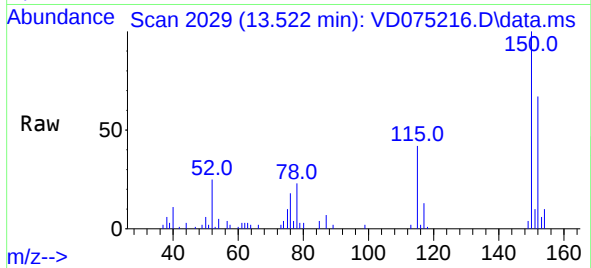




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

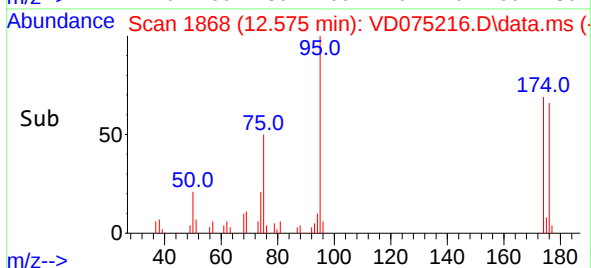
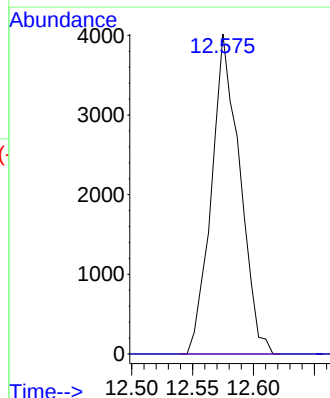
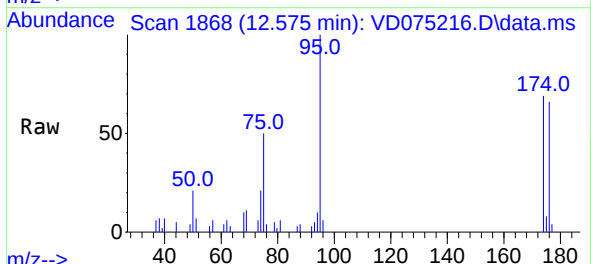
Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

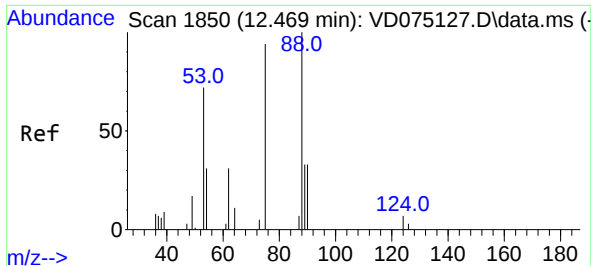
Tgt Ion:152 Resp: 13577
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.4
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 56.598 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 75 Resp: 6508
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

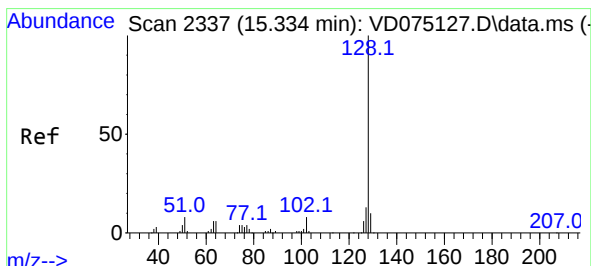
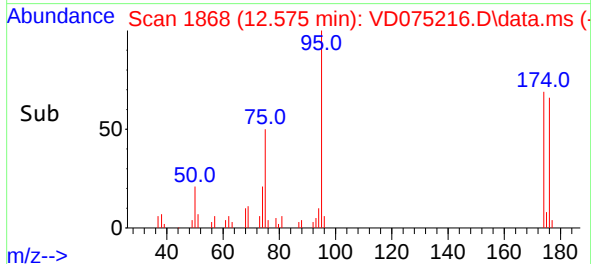
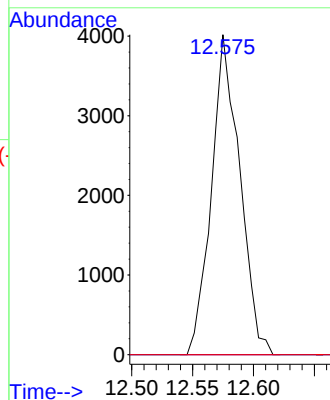
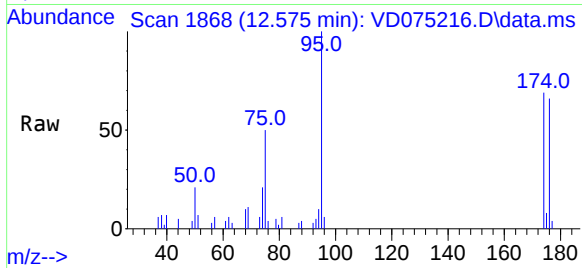




#81
trans-1,4-Dichloro-2-butene
Concen: 131.283 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

Tgt Ion: 75 Resp: 6508
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 1.073 ug/l
RT: 15.345 min Scan# 2339
Delta R.T. 0.012 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 128 Resp: 570
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

