

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076277.D
 Acq On : 30 May 2023 16:30
 Operator : KP/SY
 Sample : 02971-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB12

Quant Time: May 31 02:20:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

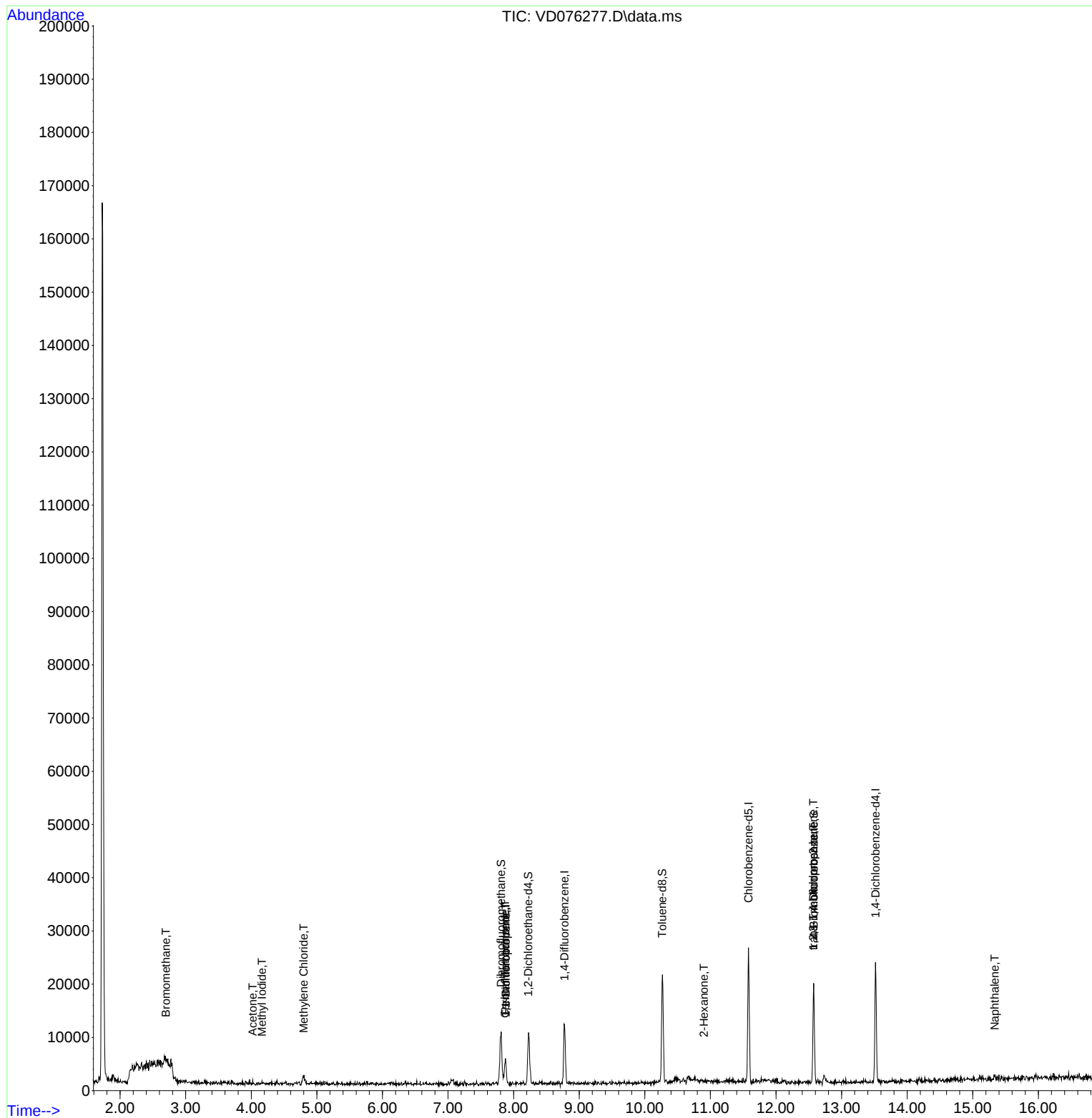
Internal Standards						
1) Pentafluorobenzene	7.875	168	4584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7377	166.512	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 333.020%#	
35) Dibromofluoromethane	7.810	113	7335	91.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.460%#	
50) Toluene-d8	10.263	98	16595	53.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.575	95	5649	65.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 130.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	295	Below Cal	#	40
5) Bromomethane	2.699	94	1149	19.141	ug/l	82
10) Methyl Iodide	4.164	142	58	1.121	ug/l	# 38
16) Acetone	4.022	43	241	27.341	ug/l	# 44
20) Methylene Chloride	4.799	84	1229	10.326	ug/l	# 49
36) 1,1-Dichloropropene	7.881	75	163	1.509	ug/l	# 42
38) Carbon Tetrachloride	7.869	117	266	2.727	ug/l	# 13
59) 2-Hexanone	10.899	43	57	2.175	ug/l	# 27
76) 1,2,3-Trichloropropane	12.569	75	3092	48.429	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	3092	101.596	ug/l	# 5
95) Naphthalene	15.334	128	497	2.003	ug/l	# 69

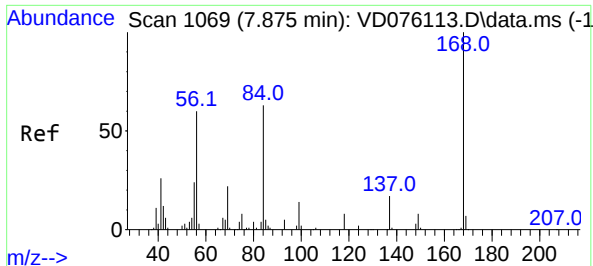
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
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Quant Time: May 31 02:20:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

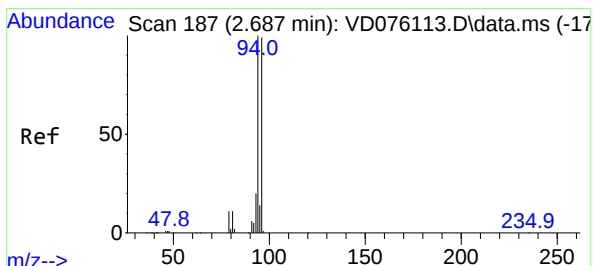
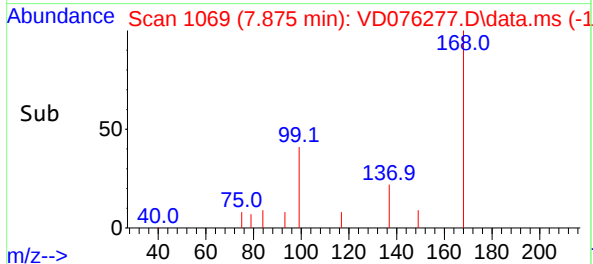
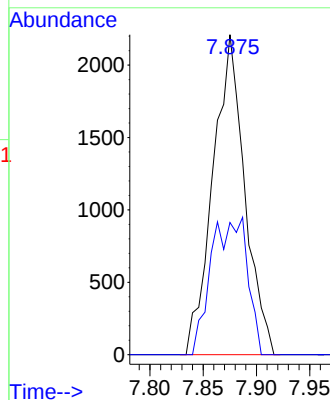
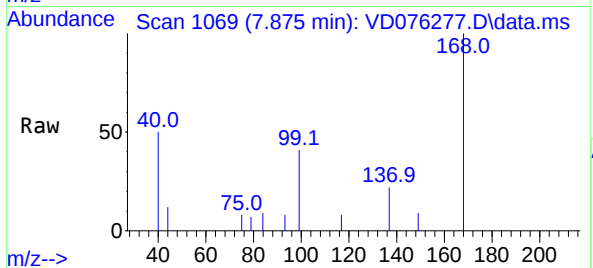




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

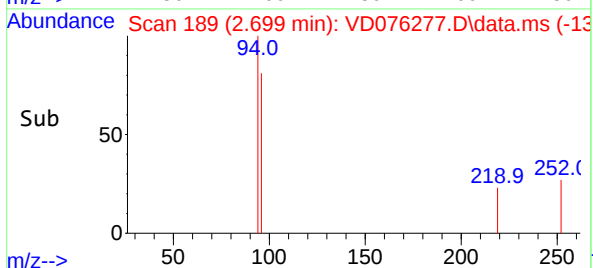
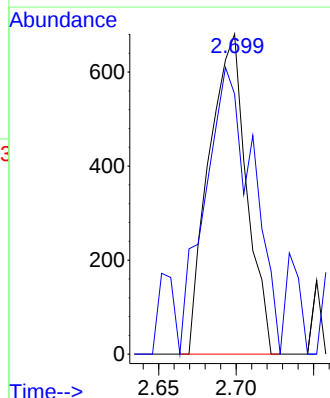
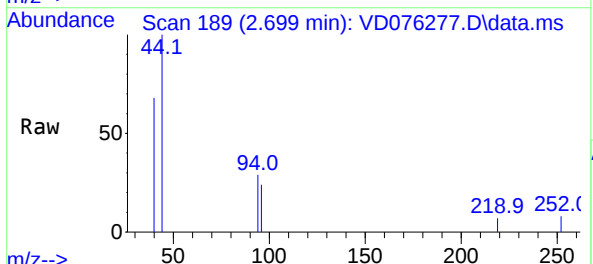
Instrument :
MSVOA_D
ClientSampleId :
SB12

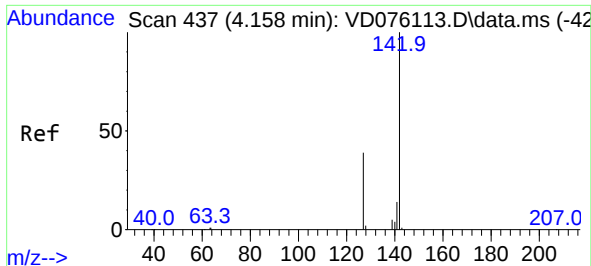
Tgt Ion:168 Resp: 4584
Ion Ratio Lower Upper
168 100
99 41.3 43.8 65.6#



#5
Bromomethane
Concen: 19.141 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion: 94 Resp: 1149
Ion Ratio Lower Upper
94 100
96 114.2 77.5 116.3

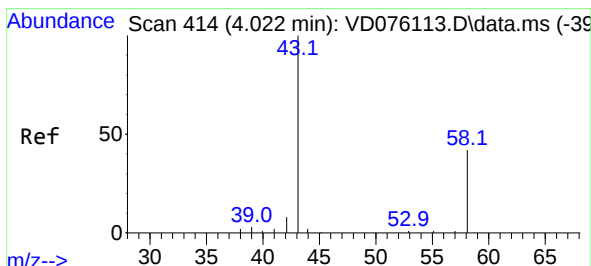
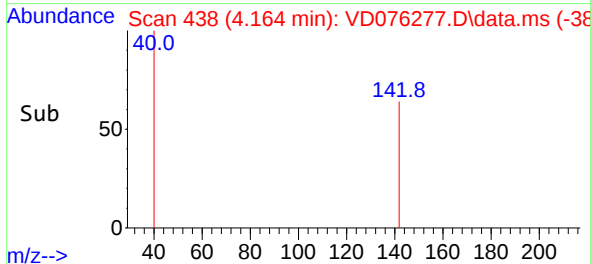
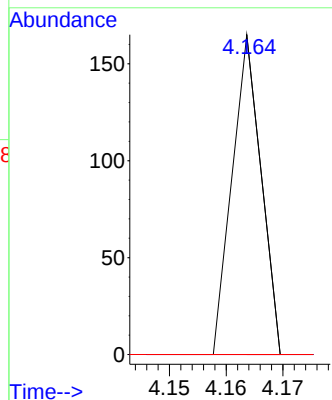
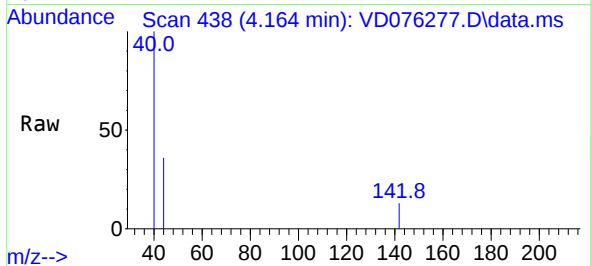




#10
Methyl Iodide
Concen: 1.121 ug/l
RT: 4.164 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

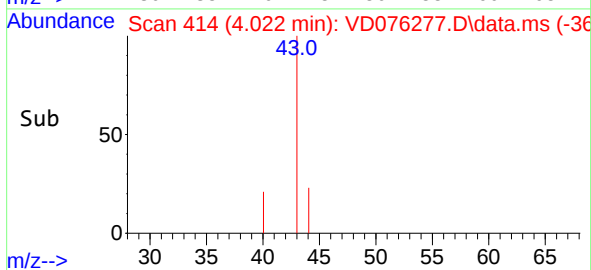
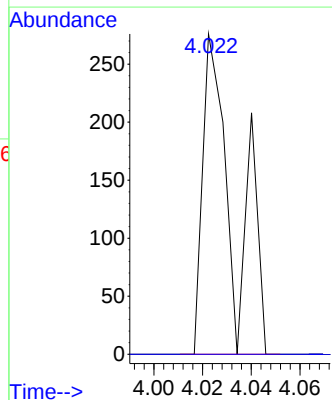
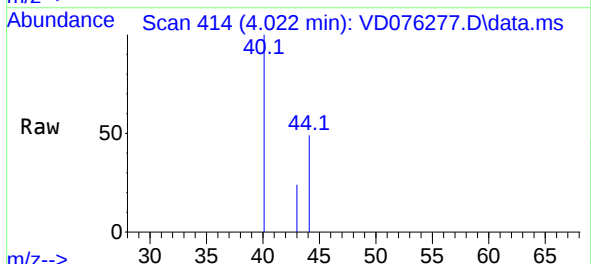
Instrument :
MSVOA_D
ClientSampleId :
SB12

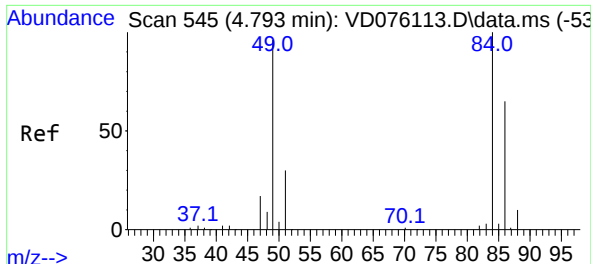
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 37.1 55.7#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 27.341 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



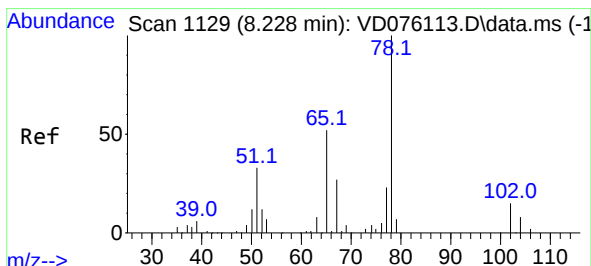
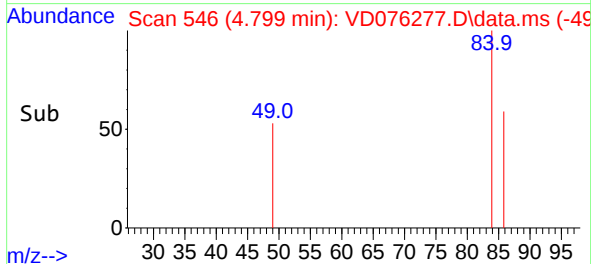
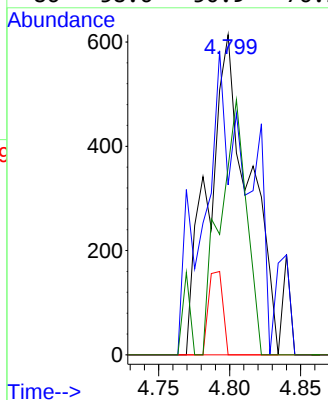
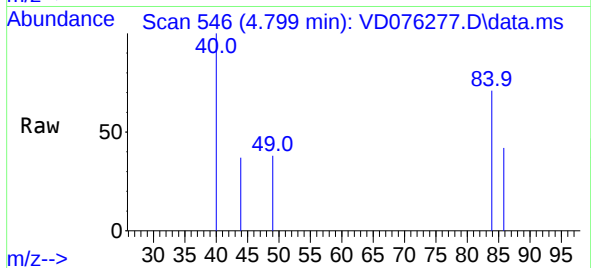


#20
Methylene Chloride
Concen: 10.326 ug/l
RT: 4.799 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
SB12

Tgt Ion: 84 Resp: 1229

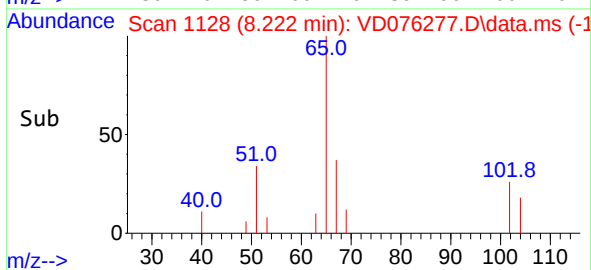
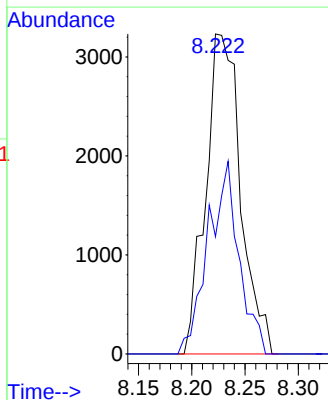
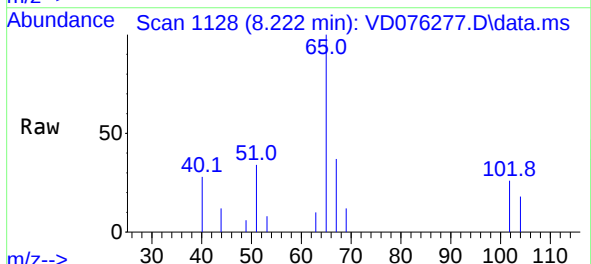
Ion	Ratio	Lower	Upper
84	100		
49	53.1	106.4	159.6#
51	0.0	32.4	48.6#
86	58.6	50.9	76.3

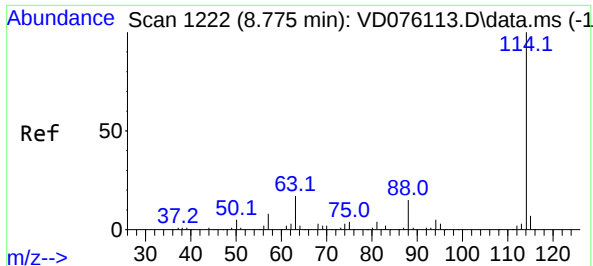


#33
1,2-Dichloroethane-d4
Concen: 166.512 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion: 65 Resp: 7377

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.2

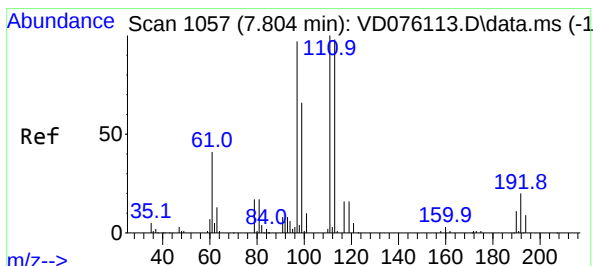
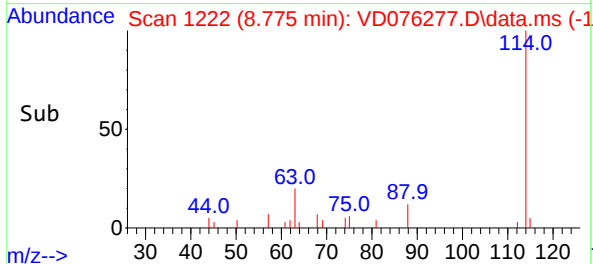
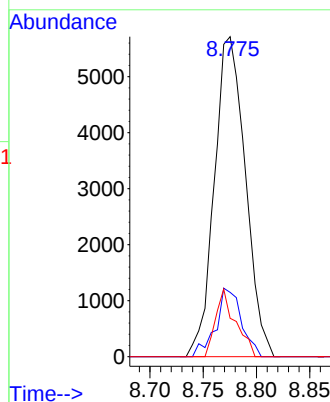
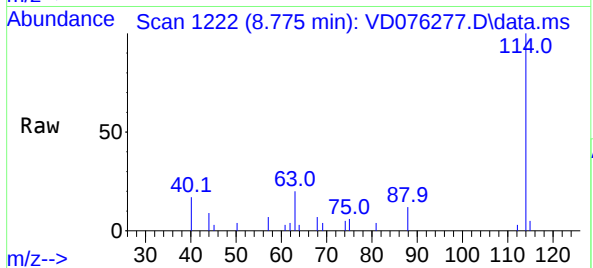




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11569
Delta R.T. 0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

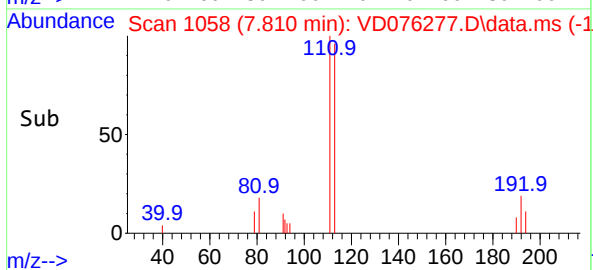
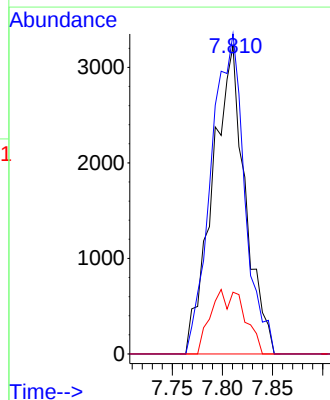
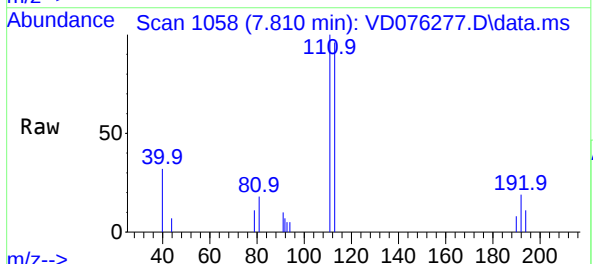
Instrument :
MSVOA_D
ClientSampleId :
SB12

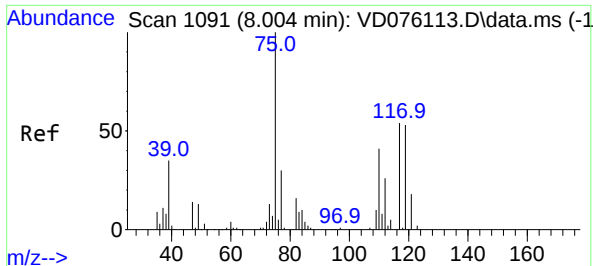
Tgt Ion:	114	Resp:	11569
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.6
88	12.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 91.725 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion:	113	Resp:	7335
Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.4	122.0
192	11.2	15.2	22.8





#36

1,1-Dichloropropene

Concen: 1.509 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.129 min

Lab File: VD076277.D

Acq: 30 May 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

SB12

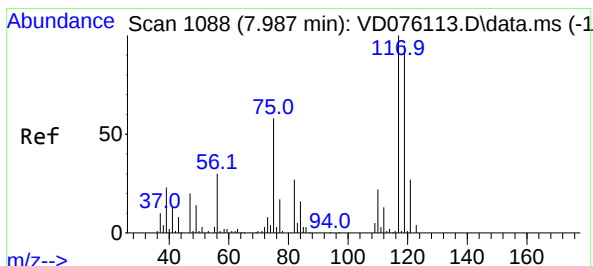
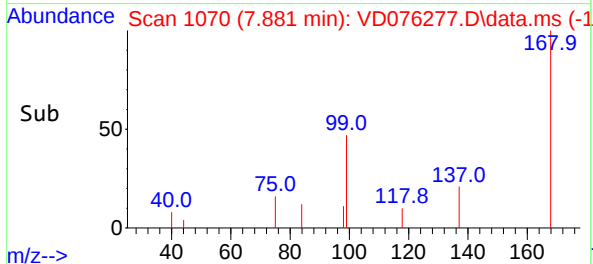
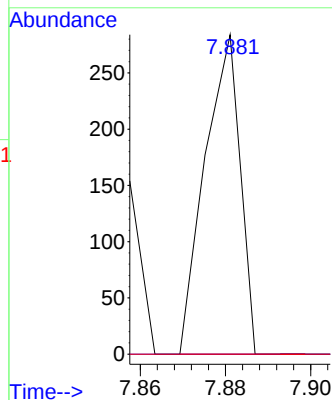
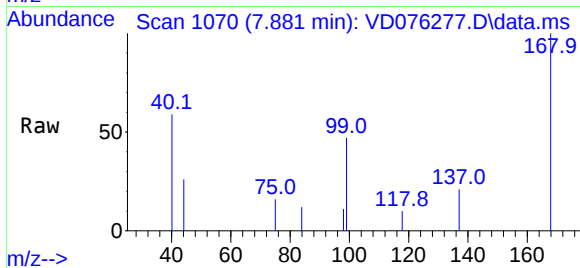
Tgt Ion: 75 Resp: 163

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 2.727 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076277.D

Acq: 30 May 2023 16:30

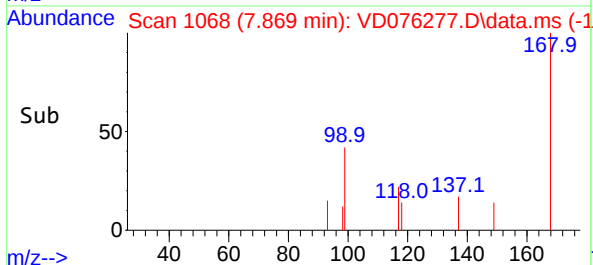
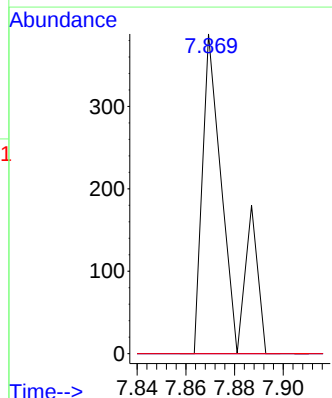
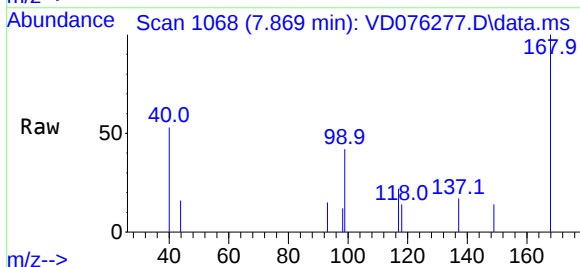
Tgt Ion: 117 Resp: 266

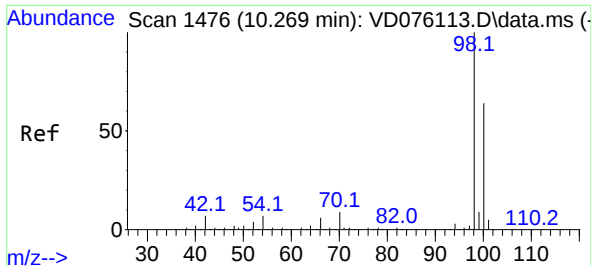
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

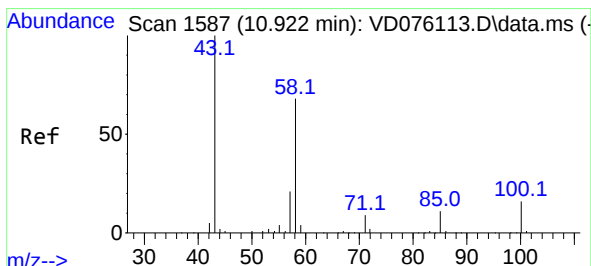
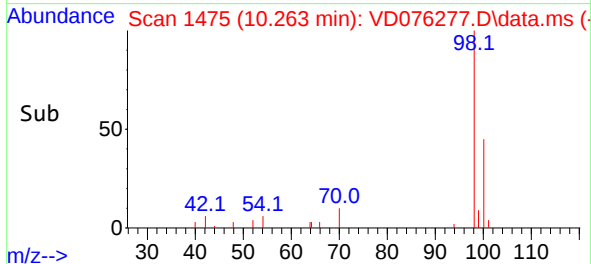
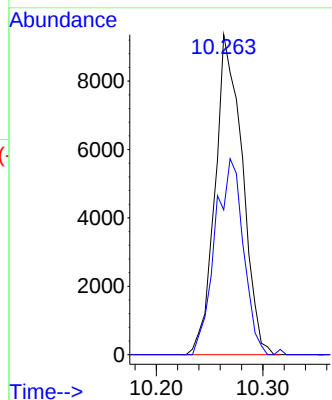
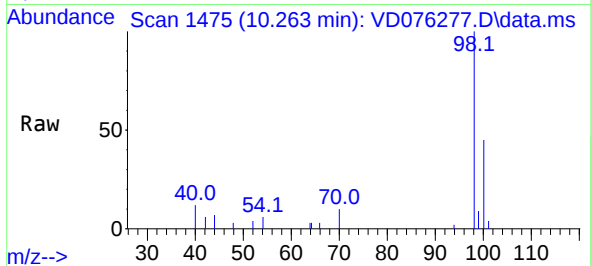




#50
Toluene-d8
Concen: 53.235 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

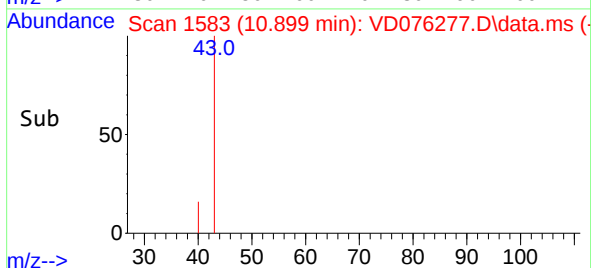
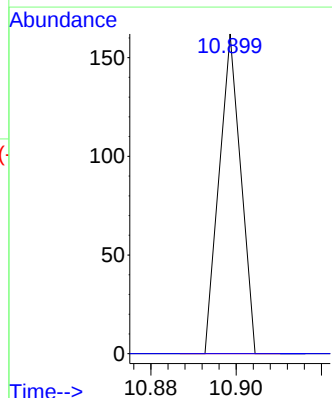
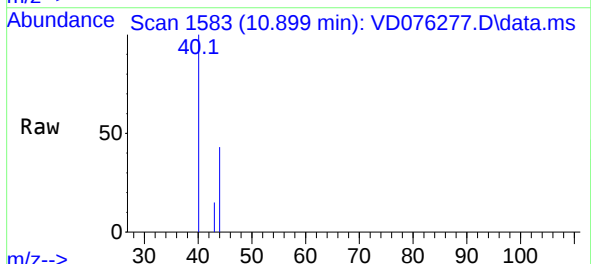
Instrument :
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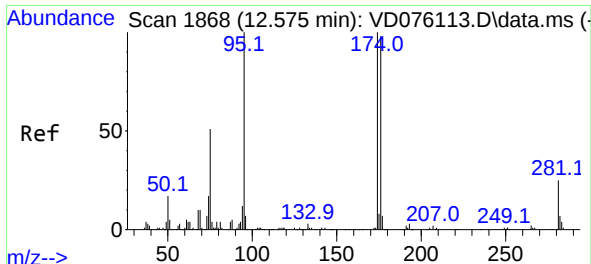
Tgt Ion: 98 Resp: 16595
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#59
2-Hexanone
Concen: 2.175 ug/l
RT: 10.899 min Scan# 1583
Delta R.T. -0.023 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.8#

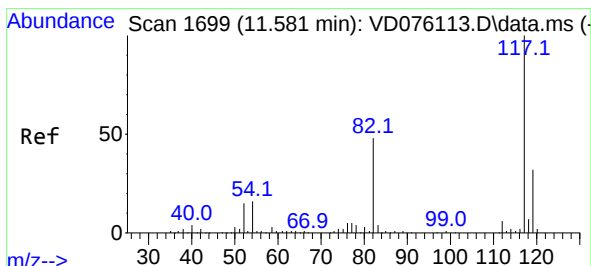
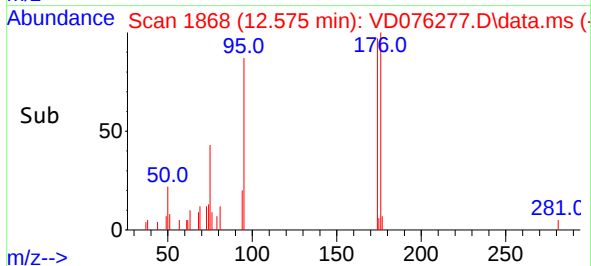
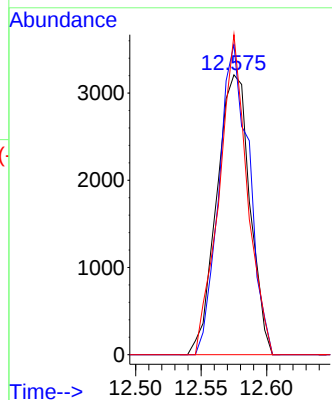
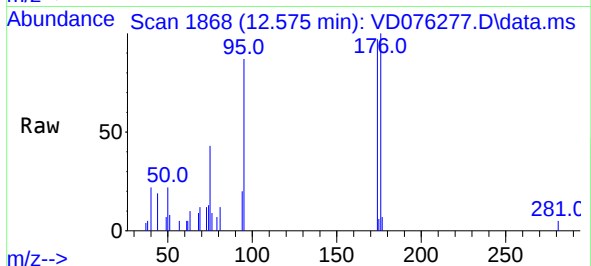




#62
4-Bromofluorobenzene
Concen: 65.235 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

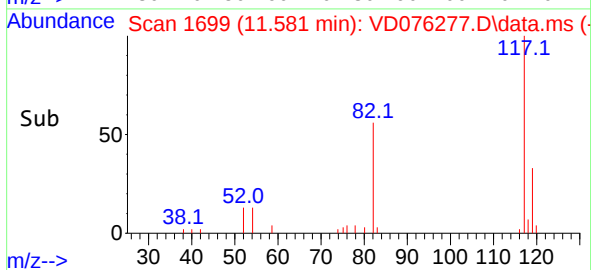
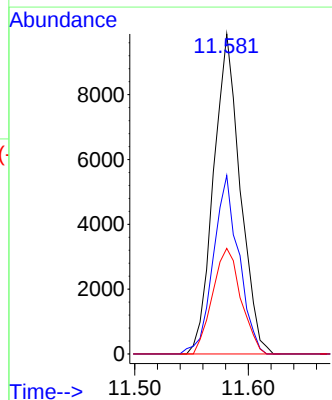
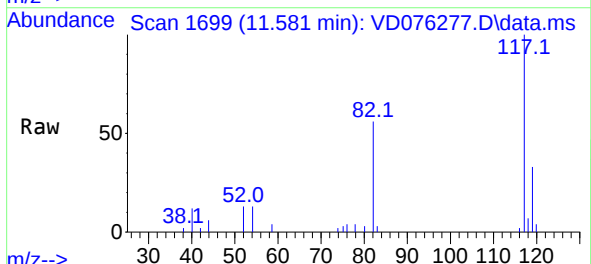
Instrument :
MSVOA_D
ClientSampleId :
SB12

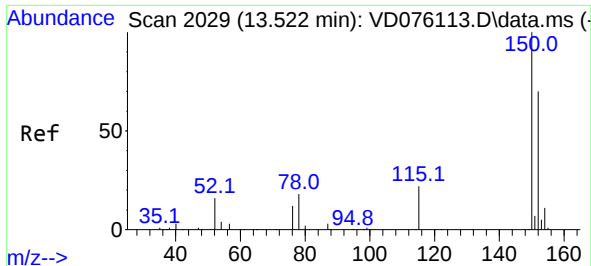
Tgt Ion:	95	Resp:	5649
Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	164.0
176	97.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion:	117	Resp:	16106
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	33.0	25.1	37.7

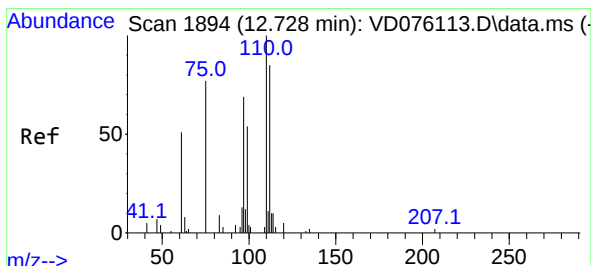
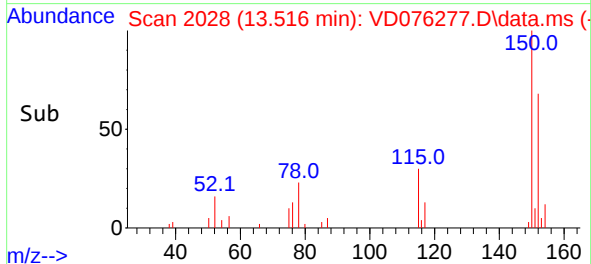
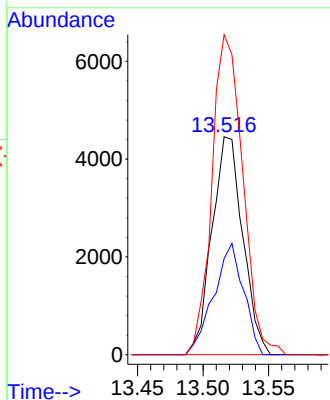
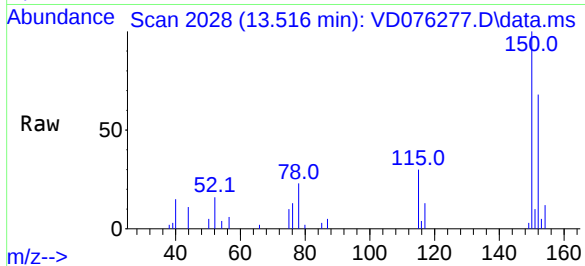




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076277.D
 Acq: 30 May 2023 16:30

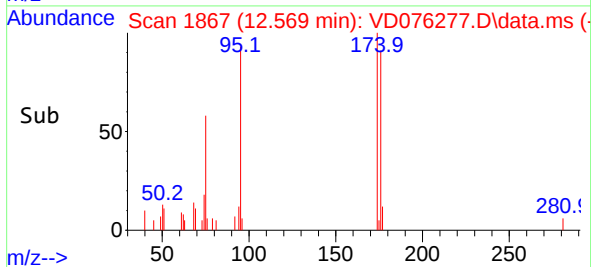
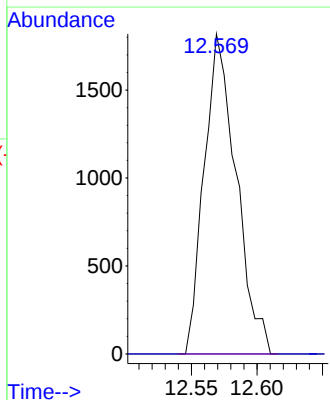
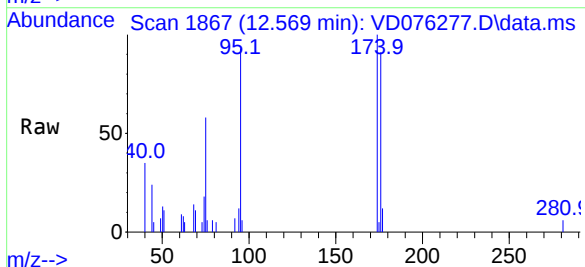
Instrument :
 MSVOA_D
 ClientSampleId :
 SB12

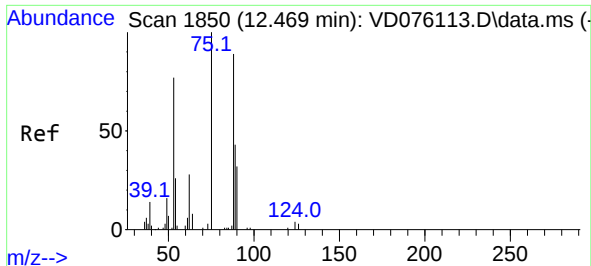
Tgt Ion:152 Resp: 7296
 Ion Ratio Lower Upper
 152 100
 115 49.5 30.1 90.3
 150 146.9 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 48.429 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD076277.D
 Acq: 30 May 2023 16:30

Tgt Ion: 75 Resp: 3092
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

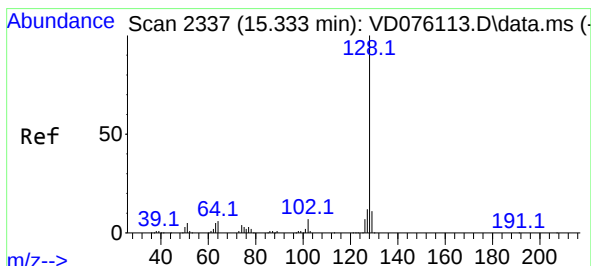
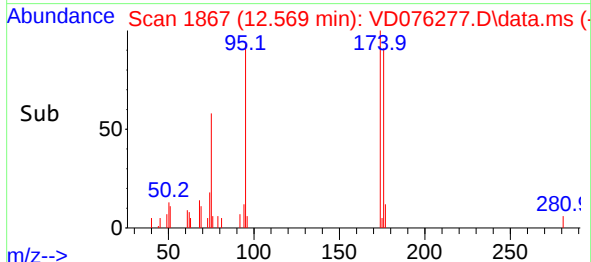
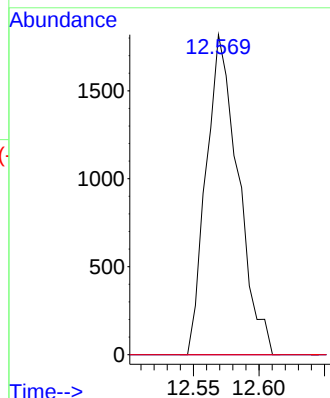
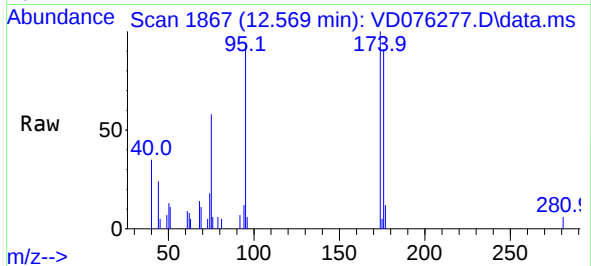




#81
trans-1,4-Dichloro-2-butene
Concen: 101.596 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.094 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :
SB12

Tgt Ion: 75 Resp: 3092
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 2.003 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion:128 Resp: 497
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

