

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071620.D
 Acq On : 05 Jan 2022 18:01
 Operator : VA/SY
 Sample : M5236-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:05:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

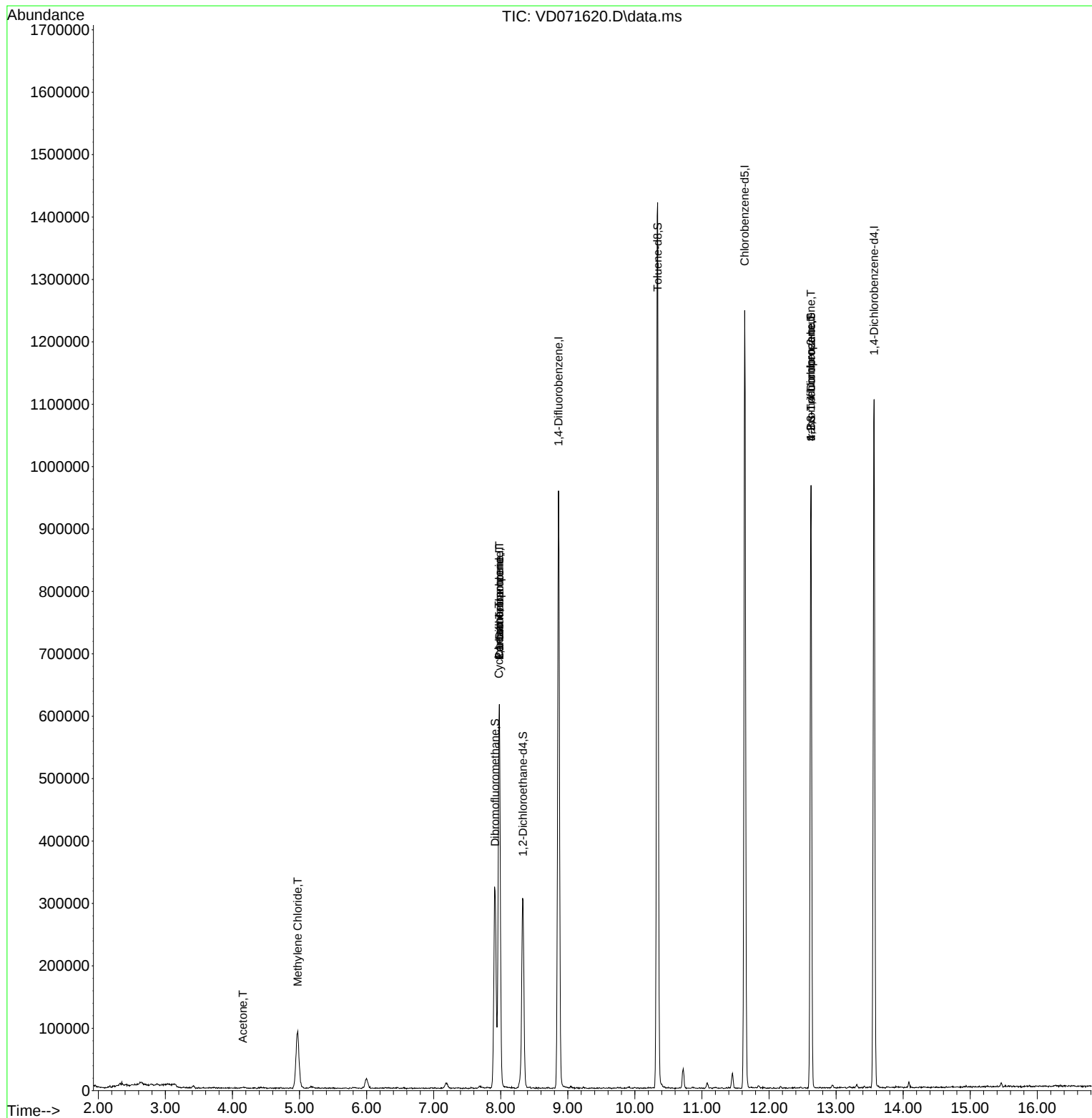
Internal Standards						
1) Pentafluorobenzene	7.979	168	416644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	737822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	642725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	266746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	245213	44.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.914	113	230038	46.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.338	98	922719	49.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.626	95	281324	42.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	2653	Below Cal	#	71
16) Acetone	4.156	43	1737	1.250	ug/l #	40
20) Methylene Chloride	4.973	84	64909	6.492	ug/l	89
31) Cyclohexane	7.973	56	13282	1.413	ug/l #	64
36) 1,1-Dichloropropene	7.979	75	39524	4.989	ug/l #	49
38) Carbon Tetrachloride	7.979	117	45788	5.858	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	162191	51.174	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	162191	144.593	ug/l #	18

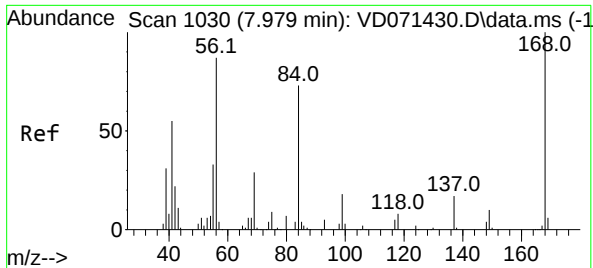
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
Data File : VD071620.D
Acq On : 05 Jan 2022 18:01
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Sample : M5236-05
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

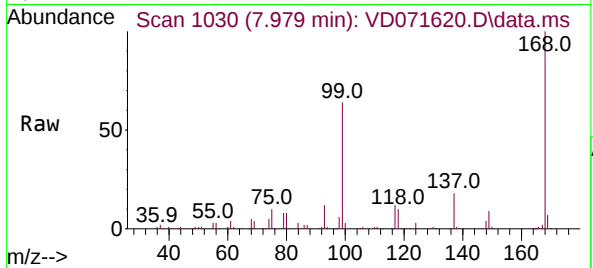
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



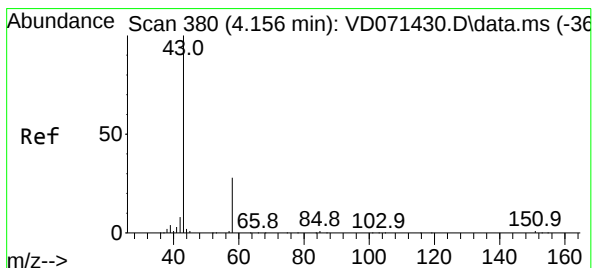
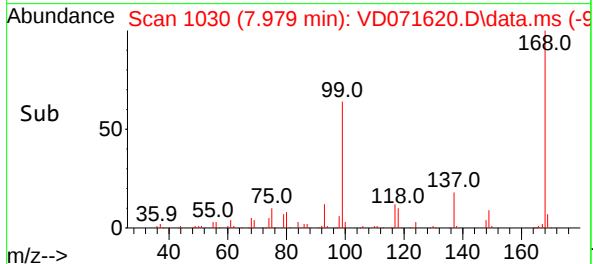
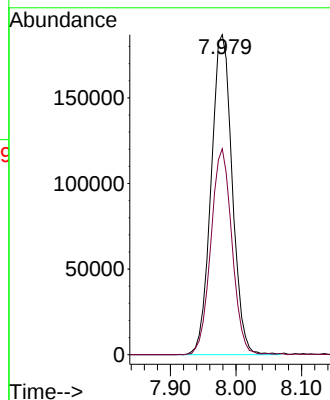


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Instrument :
MSVOA_D
ClientSampleId :

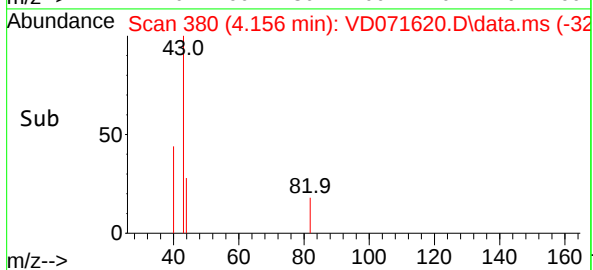
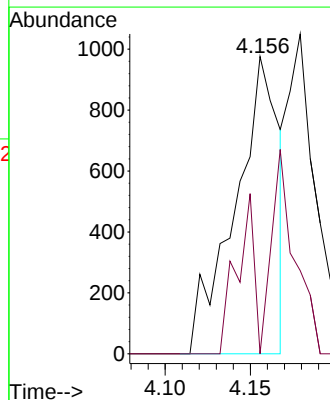
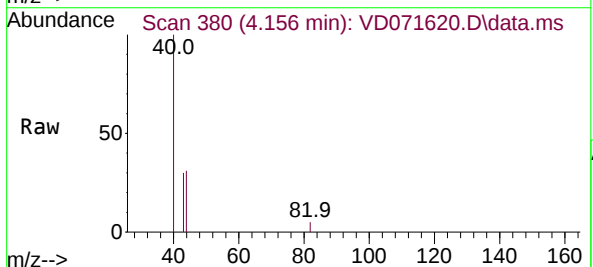


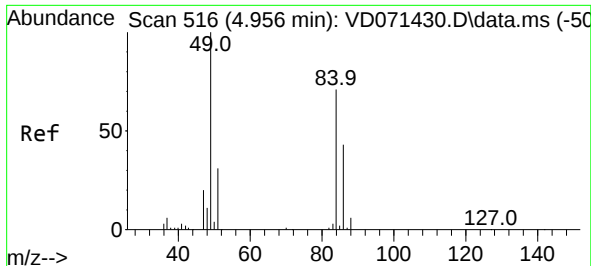
Tgt Ion:168 Resp: 416644
Ion Ratio Lower Upper
168 100
99 64.3 46.6 69.8



#16
Acetone
Concen: 1.250 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

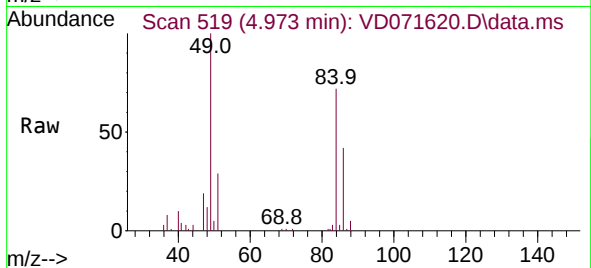
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



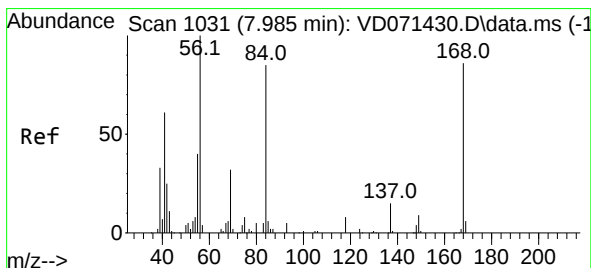
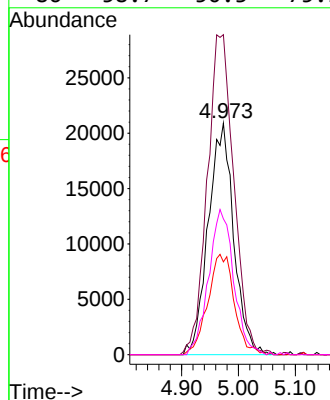
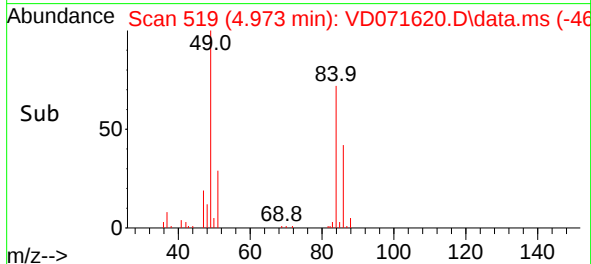


#20
Methylene Chloride
Concen: 6.492 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Instrument :
MSVOA_D
ClientSampleId :

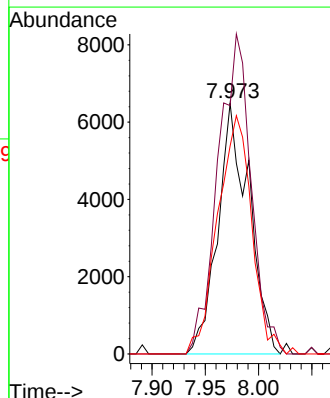
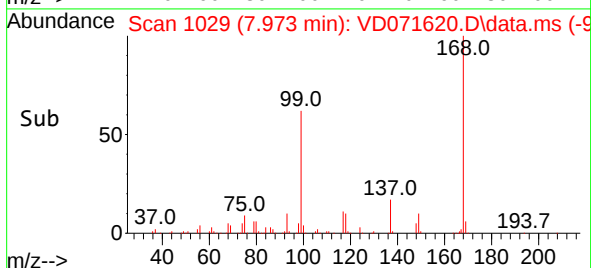
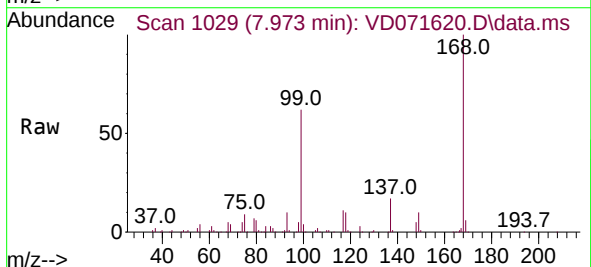


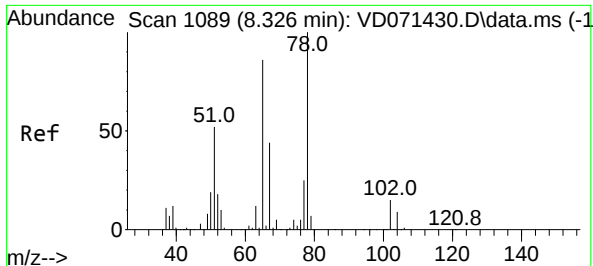
Tgt Ion:	84	Resp:	64909
Ion	Ratio	Lower	Upper
84	100		
49	138.2	95.8	143.6
51	40.1	30.9	46.3
86	58.7	50.3	75.5



#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Tgt Ion:	56	Resp:	13282
Ion	Ratio	Lower	Upper
56	100		
69	99.0	25.9	38.9#
84	83.0	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 44.315 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

Instrument :

MSVOA_D

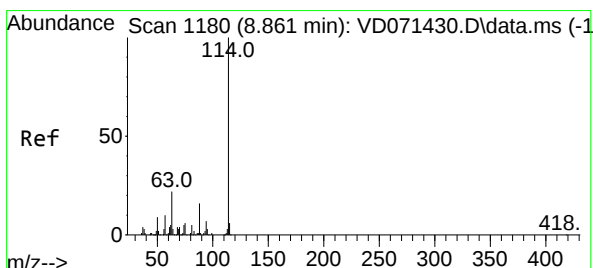
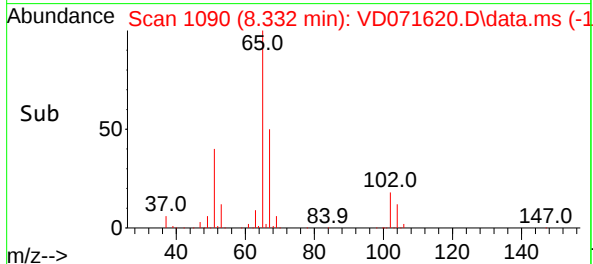
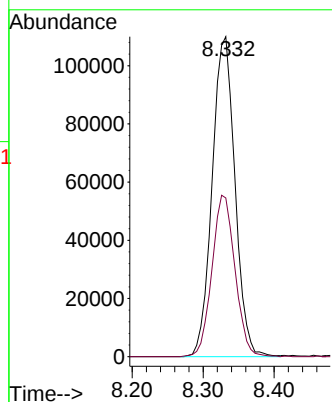
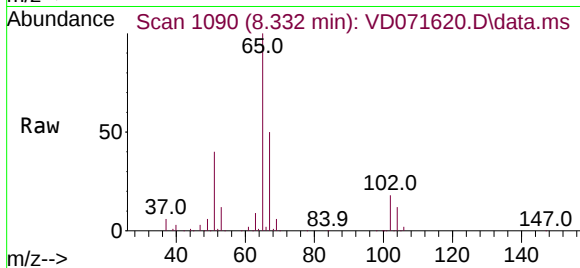
ClientSampleId :

Tgt Ion: 65 Resp: 245213

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

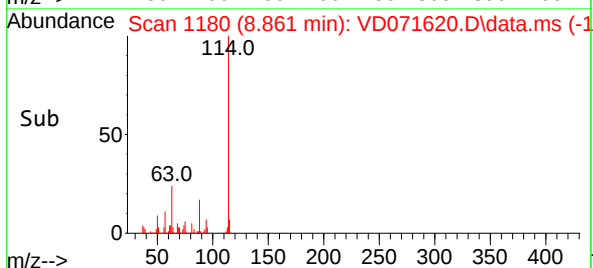
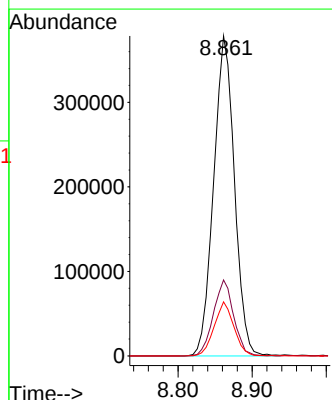
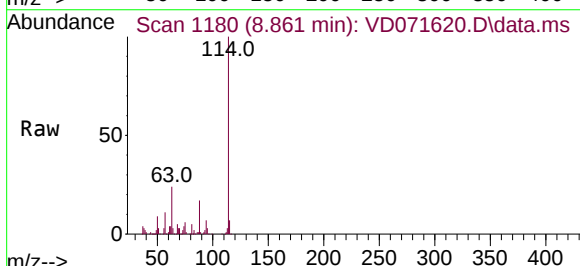
Tgt Ion: 114 Resp: 737822

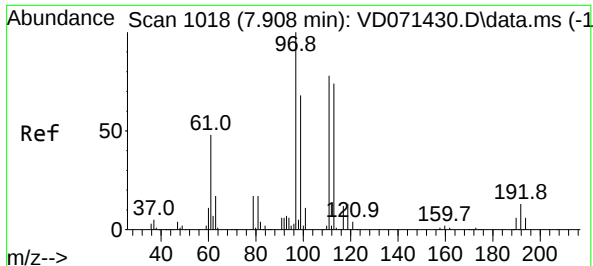
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.390 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

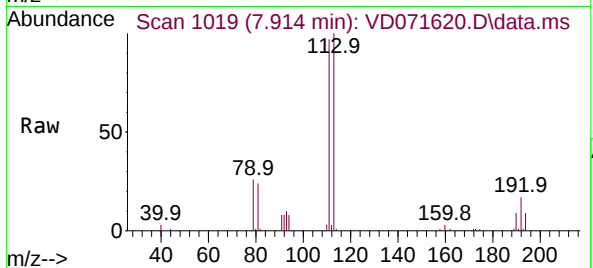
Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :



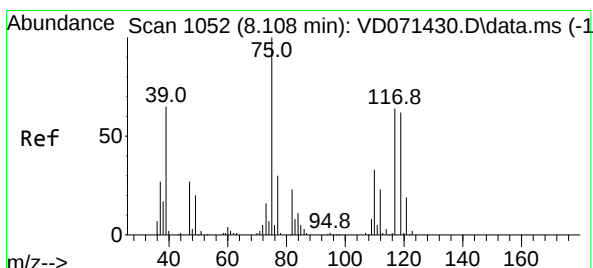
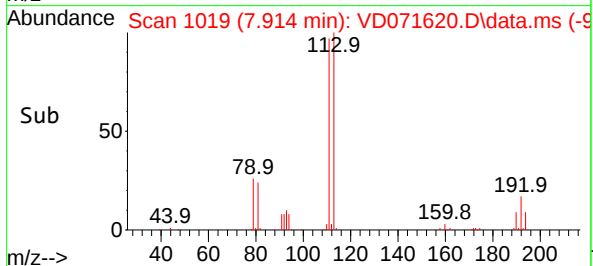
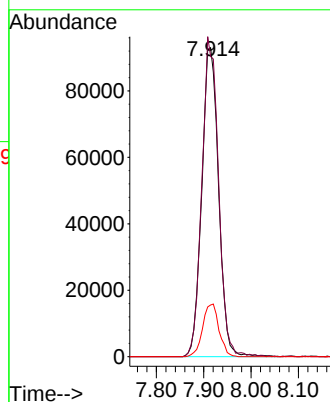
Tgt Ion:113 Resp: 230038

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 16.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

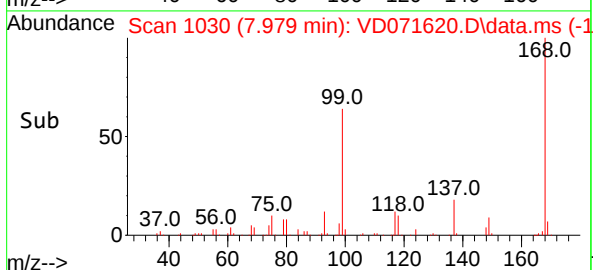
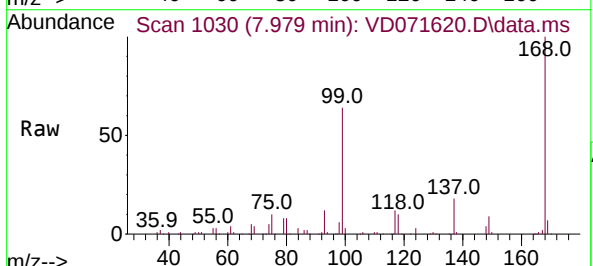
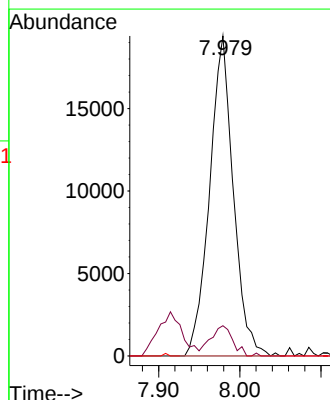
Tgt Ion: 75 Resp: 39524

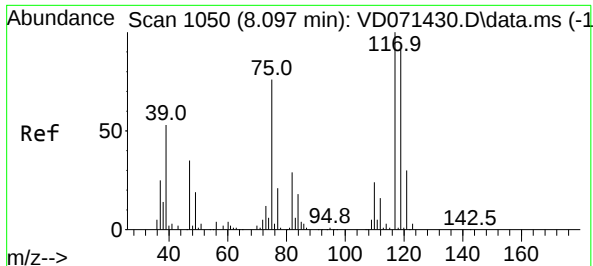
Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.4#

77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.858 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

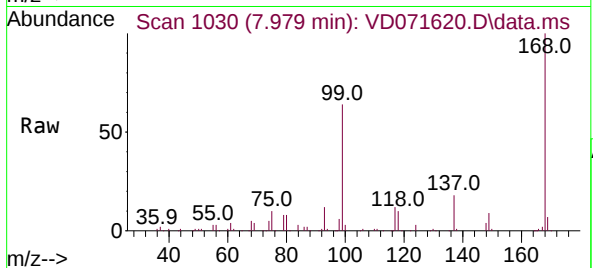
Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :



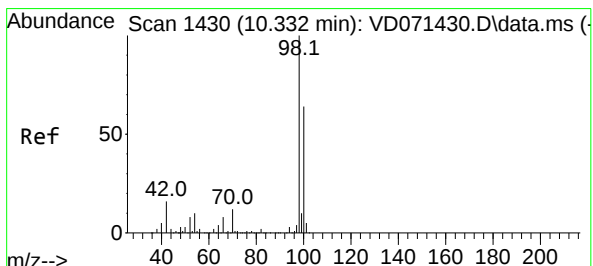
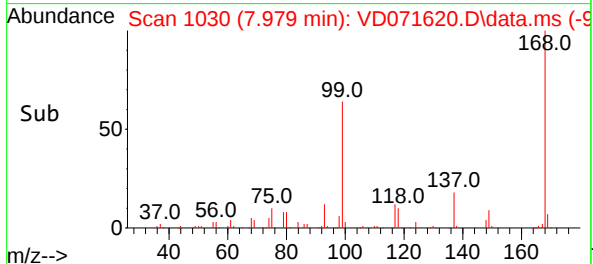
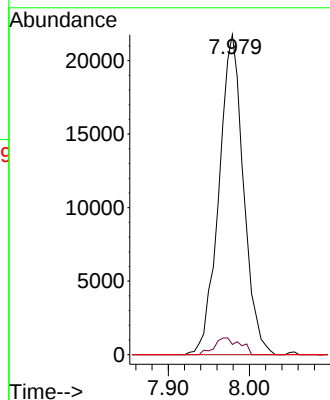
Tgt Ion:117 Resp: 45788

Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.6#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 49.240 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071620.D

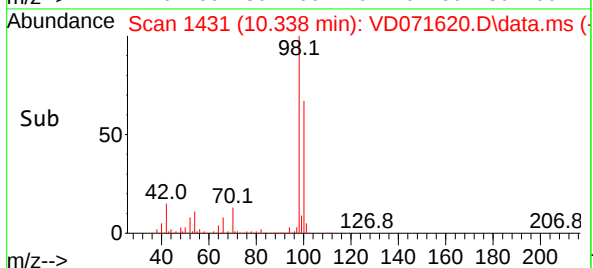
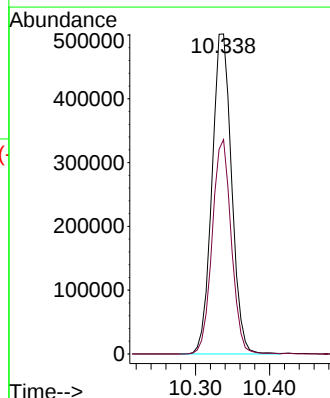
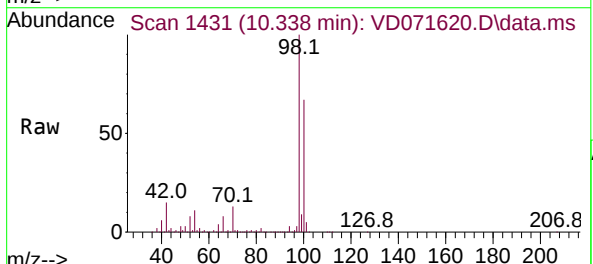
Acq: 05 Jan 2022 18:01

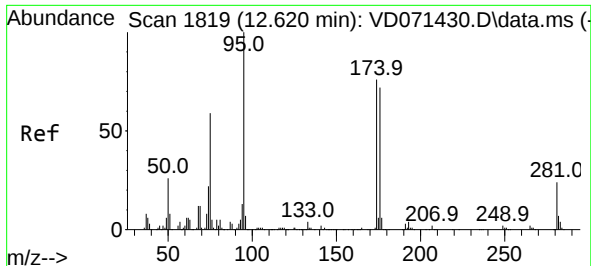
Tgt Ion: 98 Resp: 922719

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

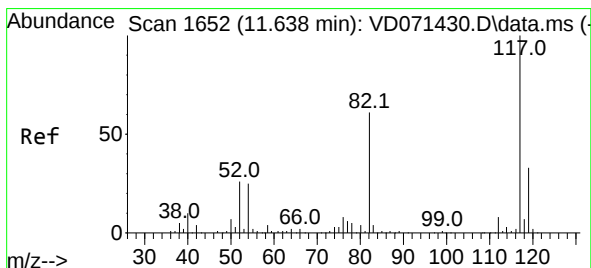
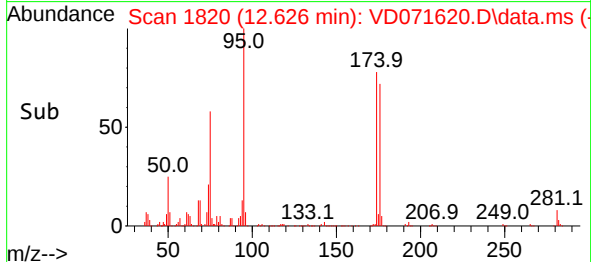
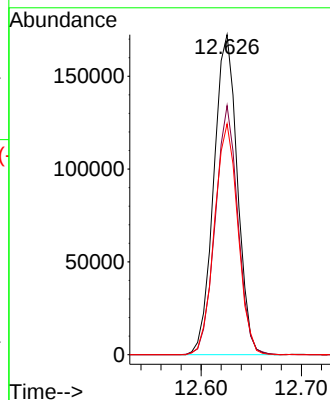
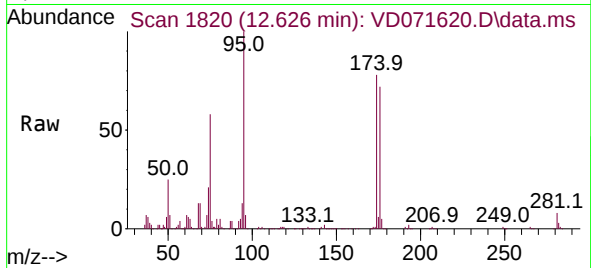




#62
4-Bromofluorobenzene
Concen: 42.248 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

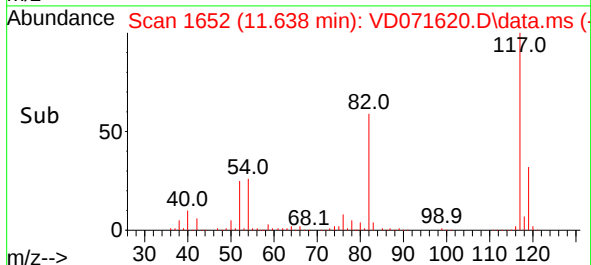
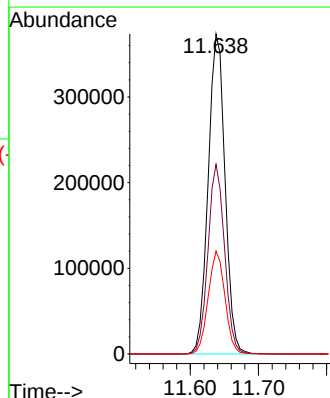
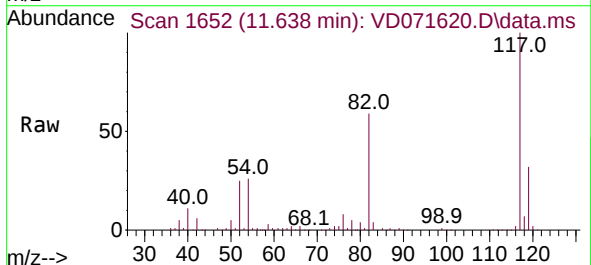
Instrument :
MSVOA_D
ClientSampleId :

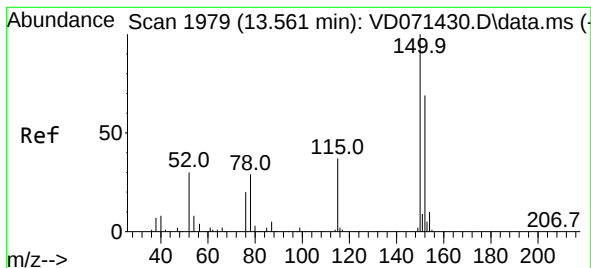
Tgt Ion: 95 Resp: 281324
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 71.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071620.D
Acq: 05 Jan 2022 18:01

Tgt Ion: 117 Resp: 642725
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD071620.D

Acq: 05 Jan 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :

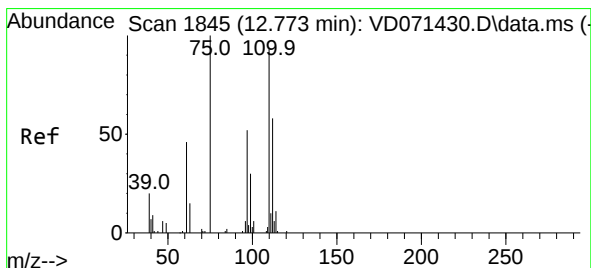
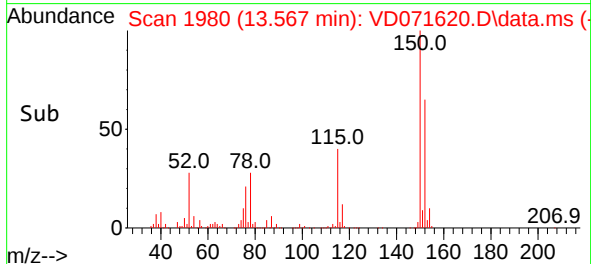
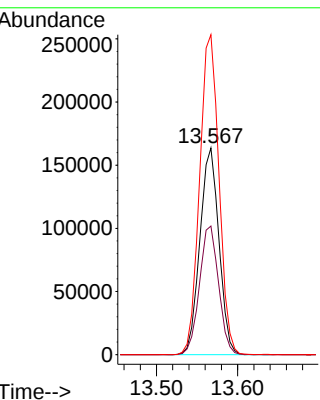
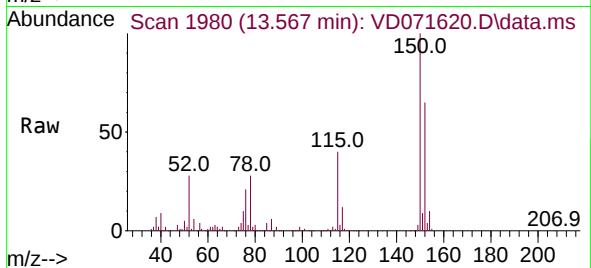
Tgt Ion:152 Resp: 266746

Ion Ratio Lower Upper

152 100

115 62.5 29.8 89.3

150 156.7 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 51.174 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071620.D

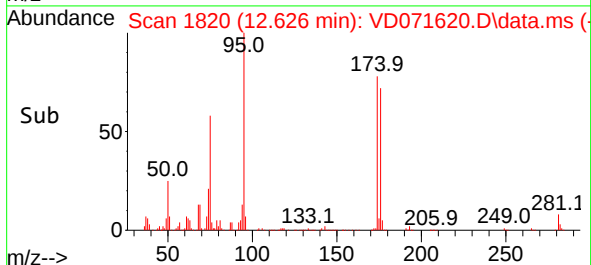
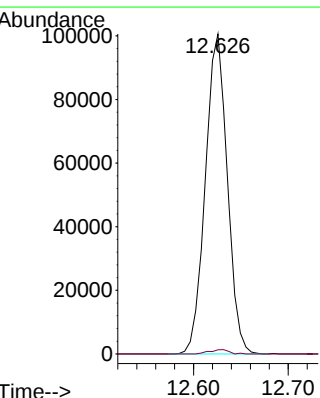
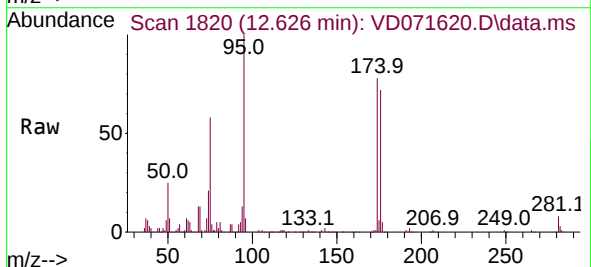
Acq: 05 Jan 2022 18:01

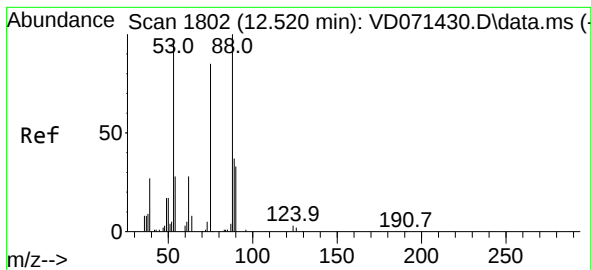
Tgt Ion: 75 Resp: 162191

Ion Ratio Lower Upper

75 100

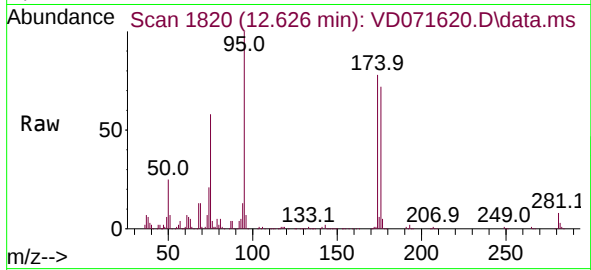
77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.593 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071620.D
 Acq: 05 Jan 2022 18:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 162191
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.1 34.5 51.7#

