

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071619.D
 Acq On : 05 Jan 2022 17:33
 Operator : VA/SY
 Sample : N1018-04
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

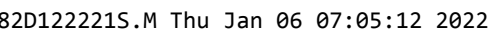
Quant Time: Jan 06 07:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

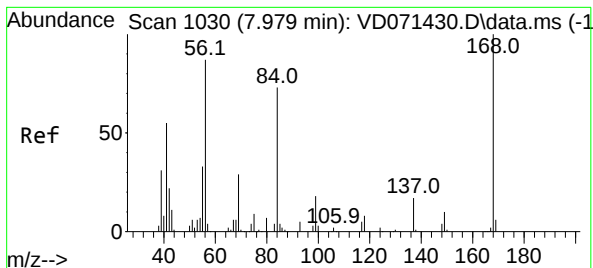
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	417831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	627019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	237053	42.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.440%		
35) Dibromofluoromethane	7.914	113	218379	44.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.520%		
50) Toluene-d8	10.338	98	896415	48.618	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.626	95	269060	41.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.140%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	478	Below Cal	#	71
16) Acetone	4.162	43	1686	1.210	ug/l	99
20) Methylene Chloride	4.973	84	54110	4.089	ug/l	93
31) Cyclohexane	7.979	56	12544	1.331	ug/l	# 5
36) 1,1-Dichloropropene	7.973	75	39440	5.060	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	45544	5.922	ug/l	# 17
76) 1,2,3-Trichloropropane	12.626	75	155197	50.972	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	155197	144.024	ug/l	# 18

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

Quant Time: Jan 06 07:05:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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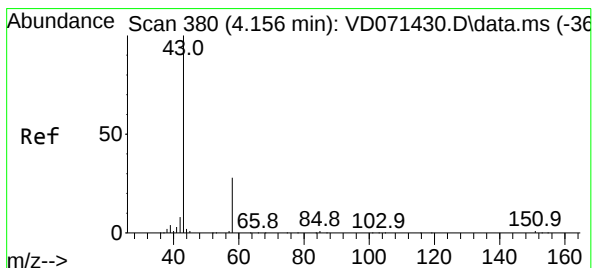
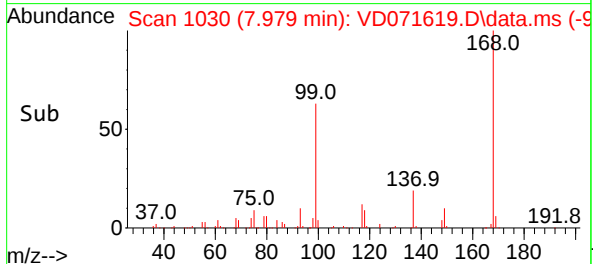
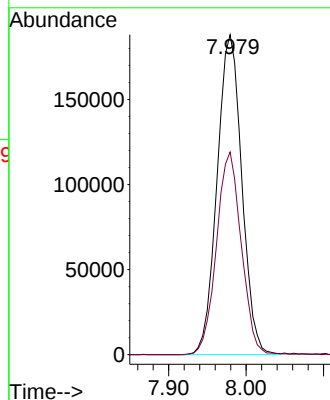
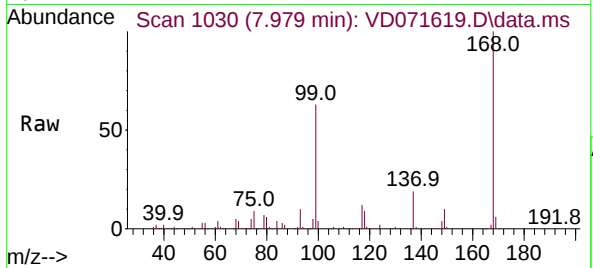




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

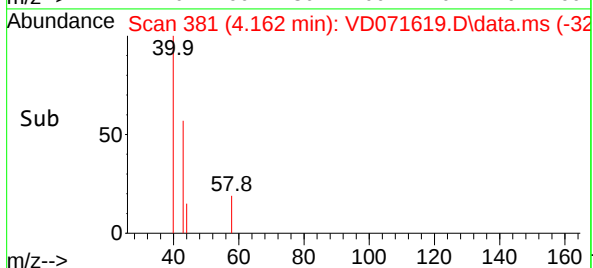
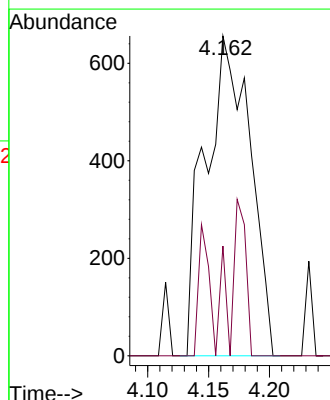
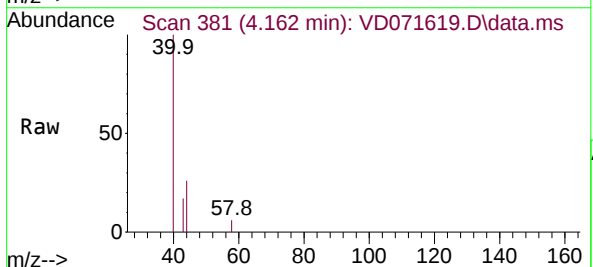
Instrument :
MSVOA_D
ClientSampleId :

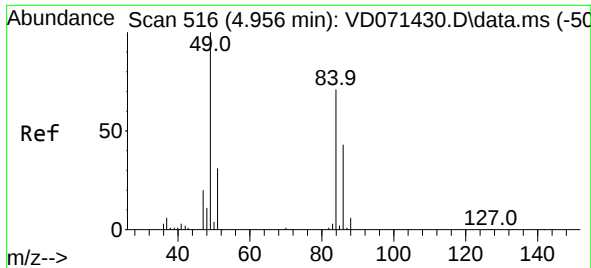
Tgt Ion:168 Resp: 417831
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#16
Acetone
Concen: 1.210 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8

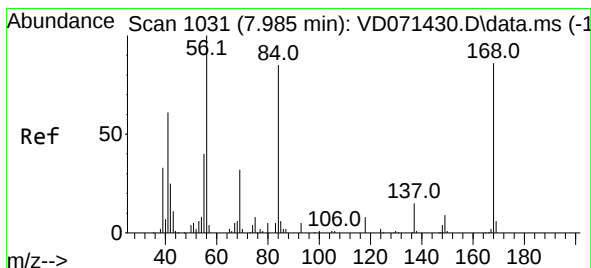
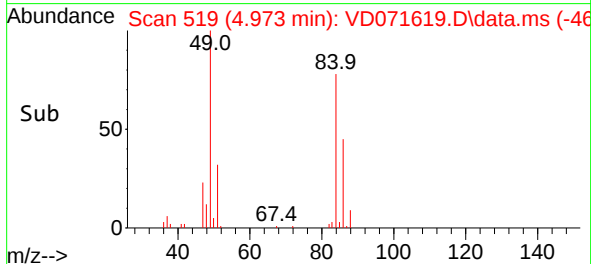
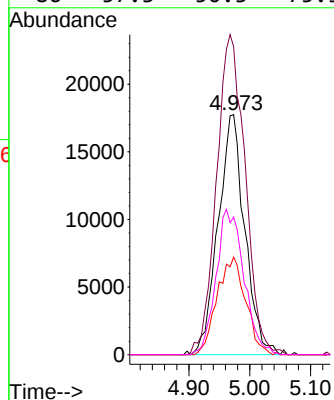
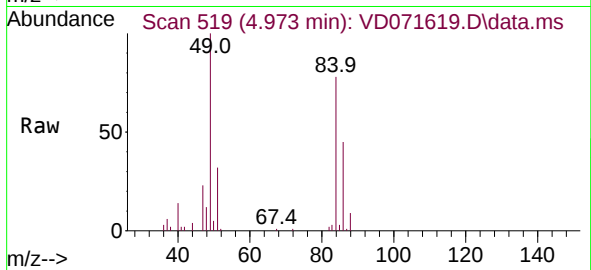




#20
Methylene Chloride
Concen: 4.089 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

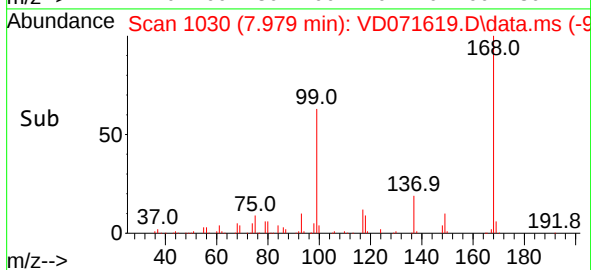
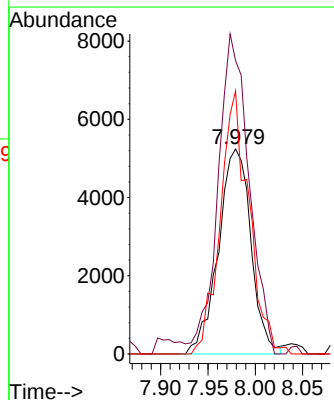
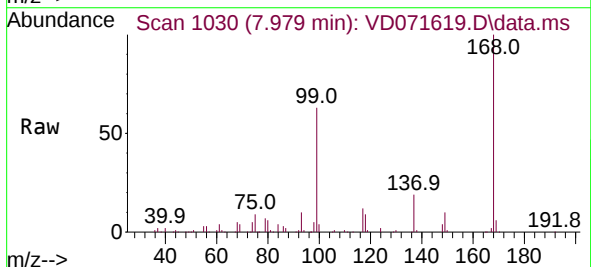
Instrument :
MSVOA_D
ClientSampleId :

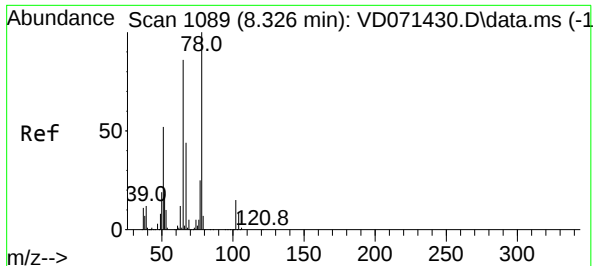
Tgt Ion: 84	Resp: 54110
Ion Ratio	Lower Upper
84 100	
49 128.4	95.8 143.6
51 40.7	30.9 46.3
86 57.3	50.3 75.5



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 56	Resp: 12544
Ion Ratio	Lower Upper
56 100	
69 143.1	25.9 38.9#
84 128.3	64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 42.719 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071619.D

Acq: 05 Jan 2022 17:33

Instrument :

MSVOA_D

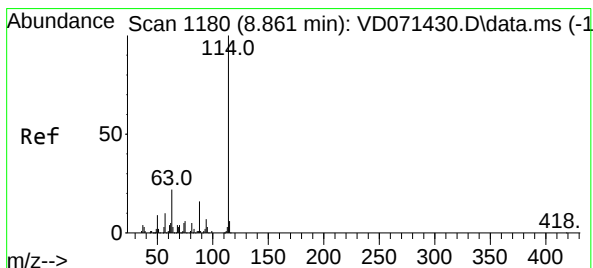
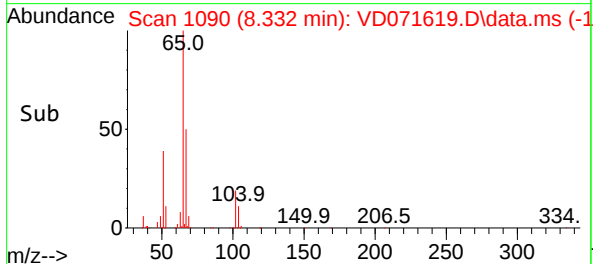
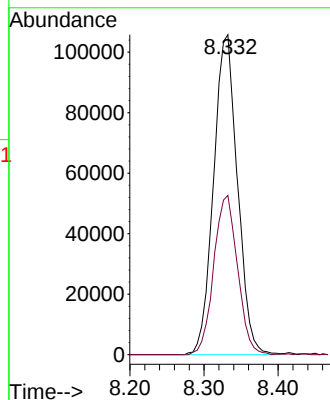
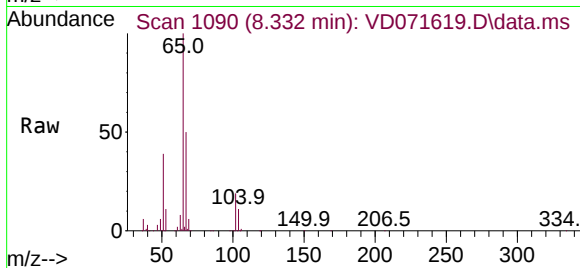
ClientSampleId :

Tgt Ion: 65 Resp: 237053

Ion Ratio Lower Upper

65 100

67 49.5 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: VD071619.D

Acq: 05 Jan 2022 17:33

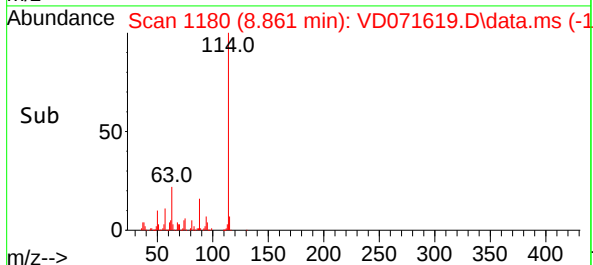
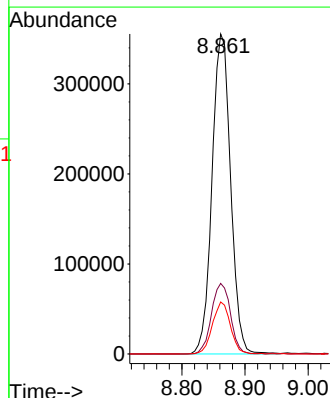
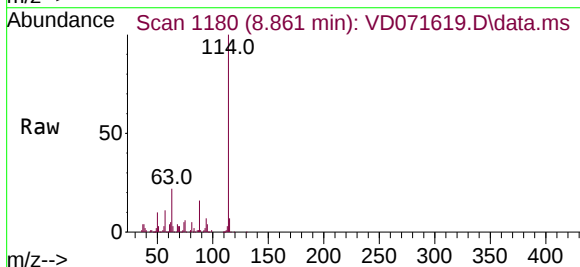
Tgt Ion: 114 Resp: 725954

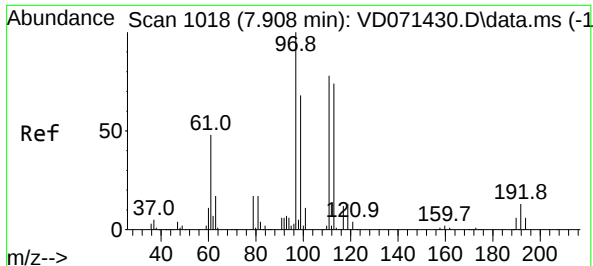
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.759 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

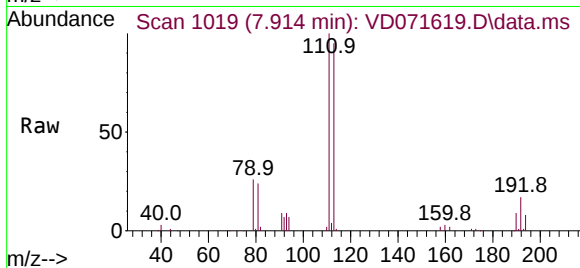
Lab File: VD071619.D

Acq: 05 Jan 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :



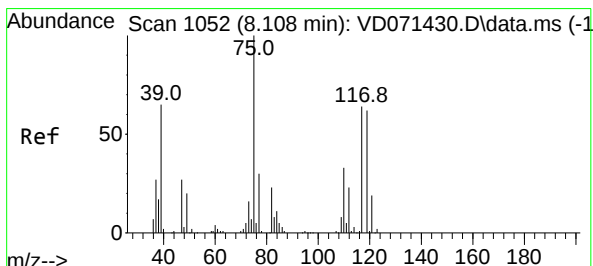
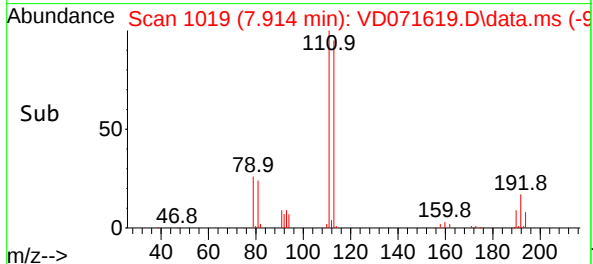
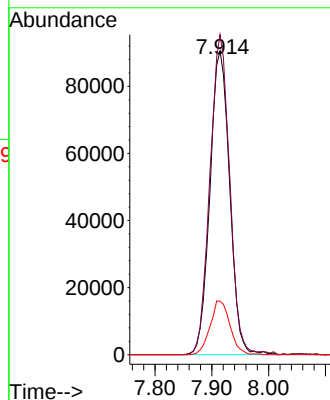
Tgt Ion:113 Resp: 218379

Ion Ratio Lower Upper

113 100

111 105.4 82.0 123.0

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071619.D

Acq: 05 Jan 2022 17:33

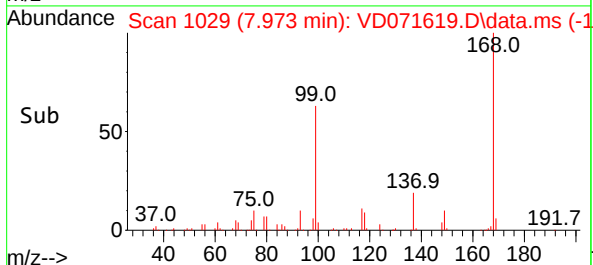
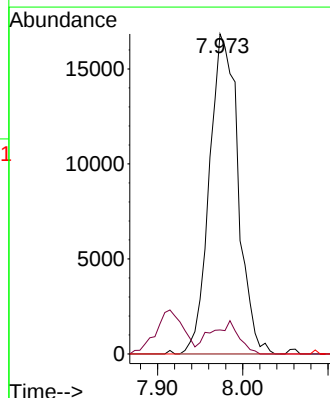
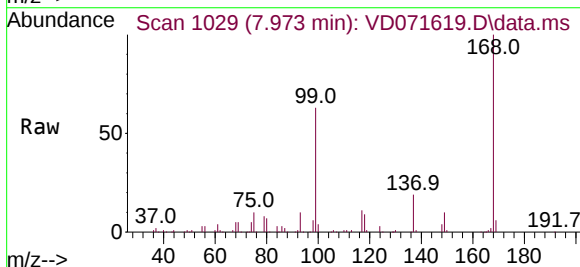
Tgt Ion: 75 Resp: 39440

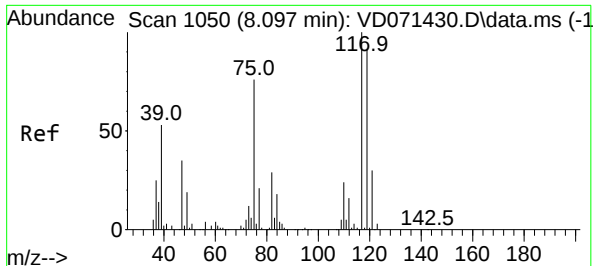
Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.4#

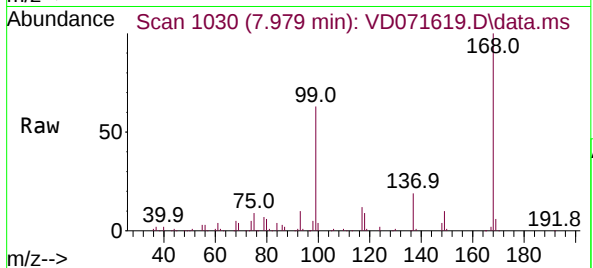
77 0.0 24.8 37.2#



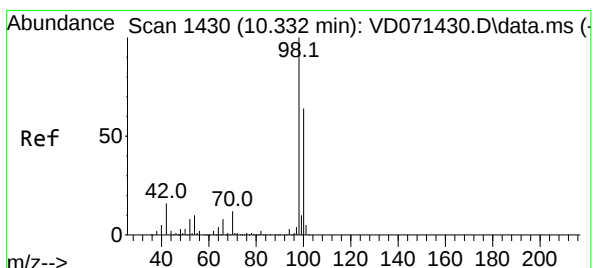
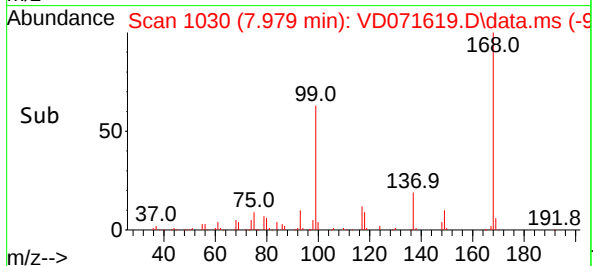
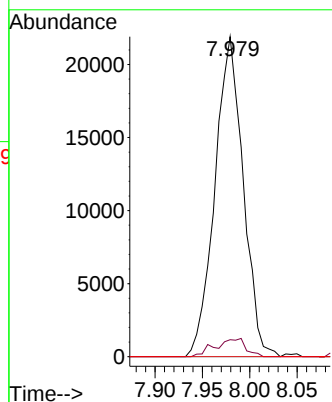


#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :

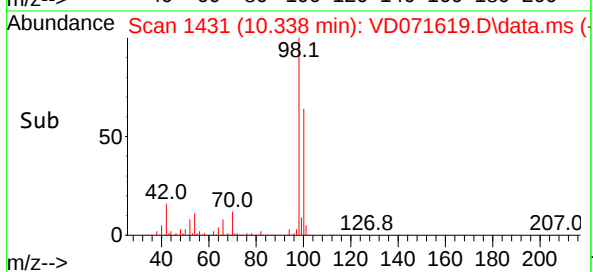
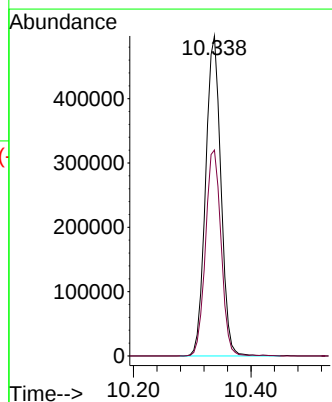
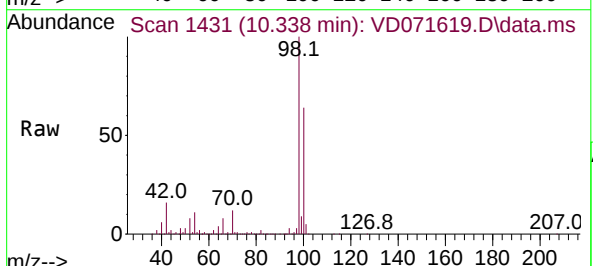


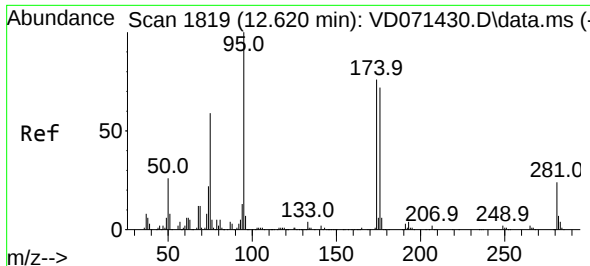
Tgt Ion:117 Resp: 45544
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.618 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 98 Resp: 896415
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

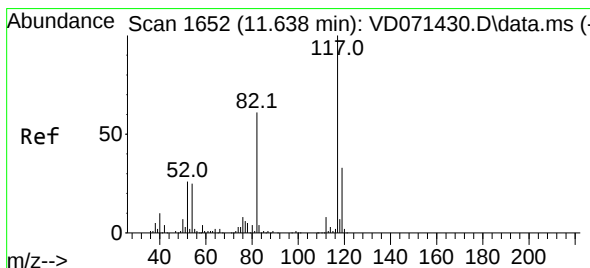
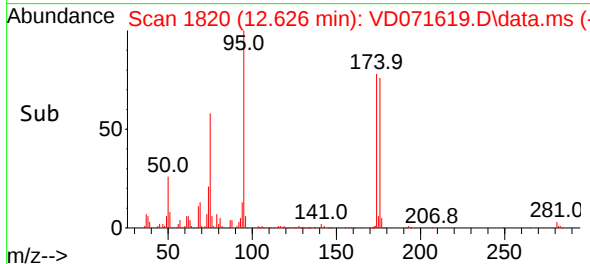
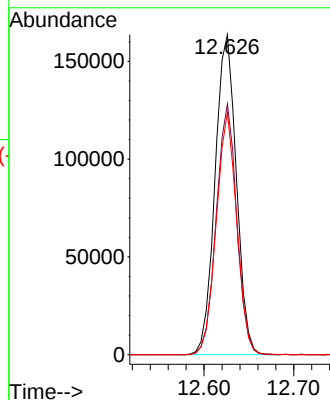
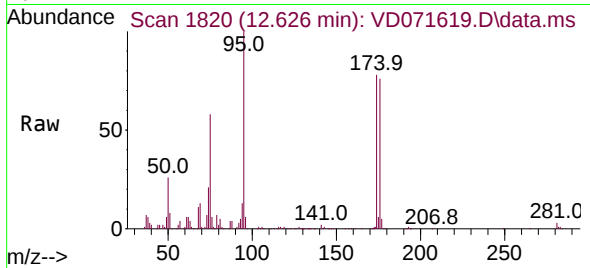




#62
4-Bromofluorobenzene
Concen: 41.066 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

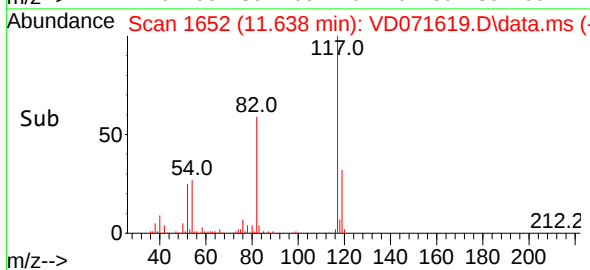
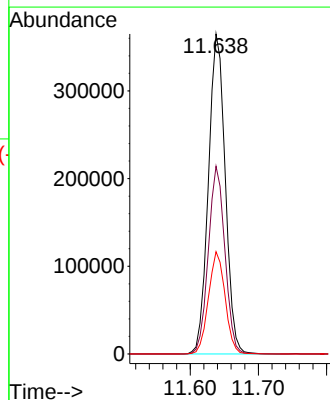
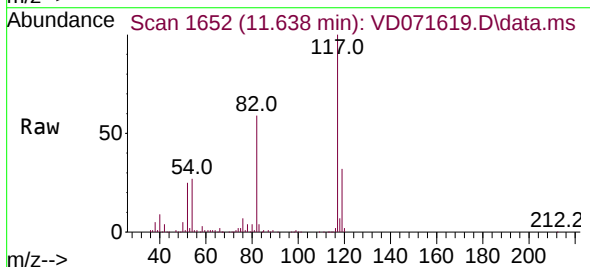
Instrument :
MSVOA_D
ClientSampleId :

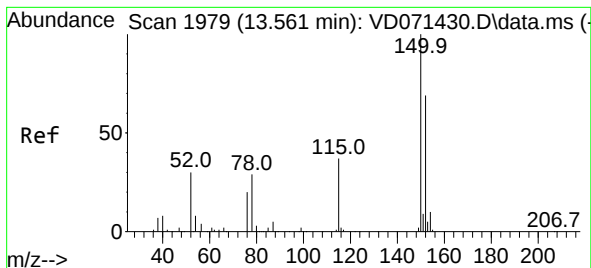
Tgt Ion: 95 Resp: 269060
Ion Ratio Lower Upper
95 100
174 75.1 0.0 159.4
176 72.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

Tgt Ion: 117 Resp: 627019
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 31.9 26.2 39.4

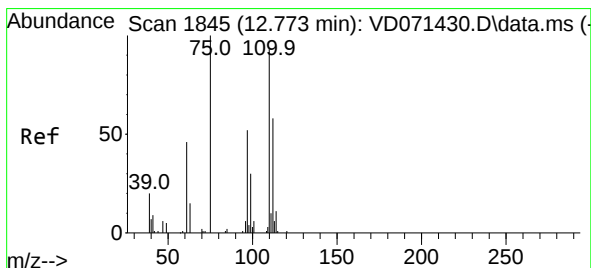
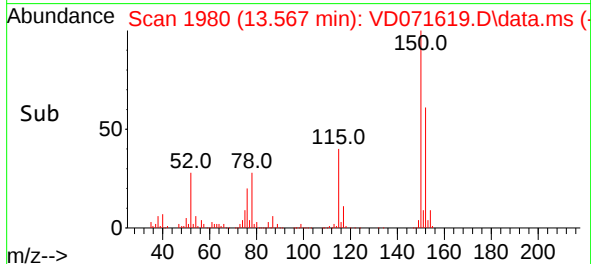
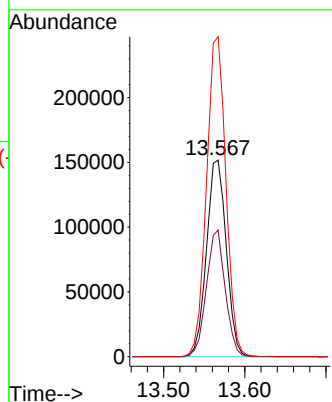
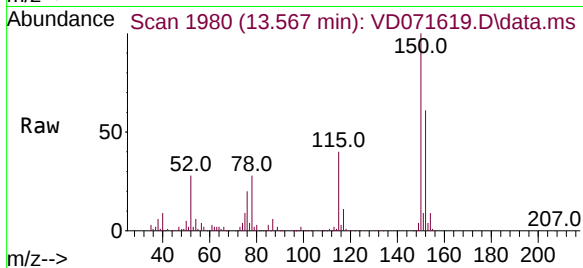




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

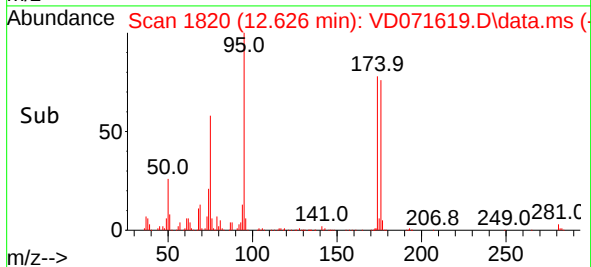
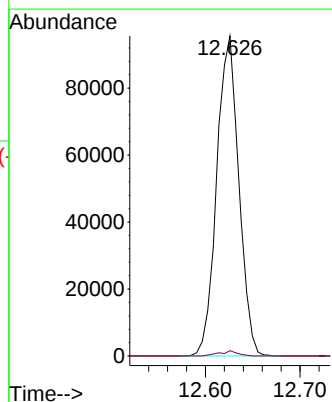
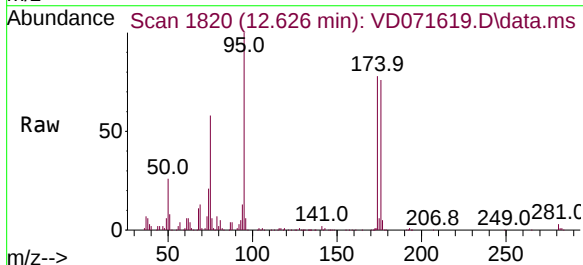
Instrument :
MSVOA_D
ClientSampleId :

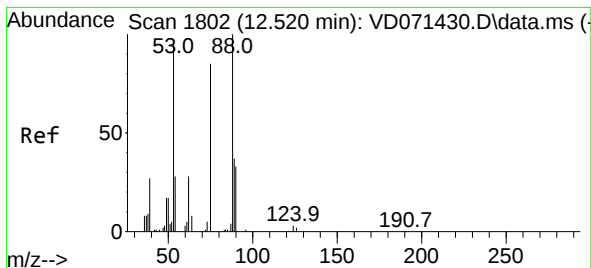
Tgt Ion:152 Resp: 256251
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 159.4 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 50.972 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071619.D
Acq: 05 Jan 2022 17:33

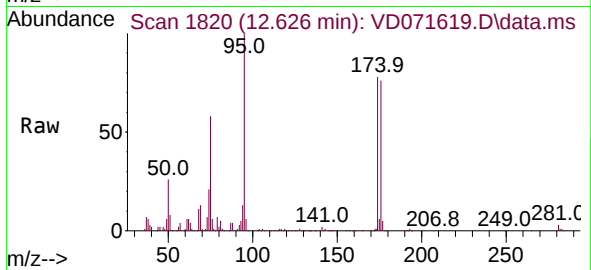
Tgt Ion: 75 Resp: 155197
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.024 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071619.D
 Acq: 05 Jan 2022 17:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 155197
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.0 34.5 51.7#

