

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071571.D
 Acq On : 03 Jan 2022 17:40
 Operator : VA/SY
 Sample : M5196-14
 Misc : 7.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

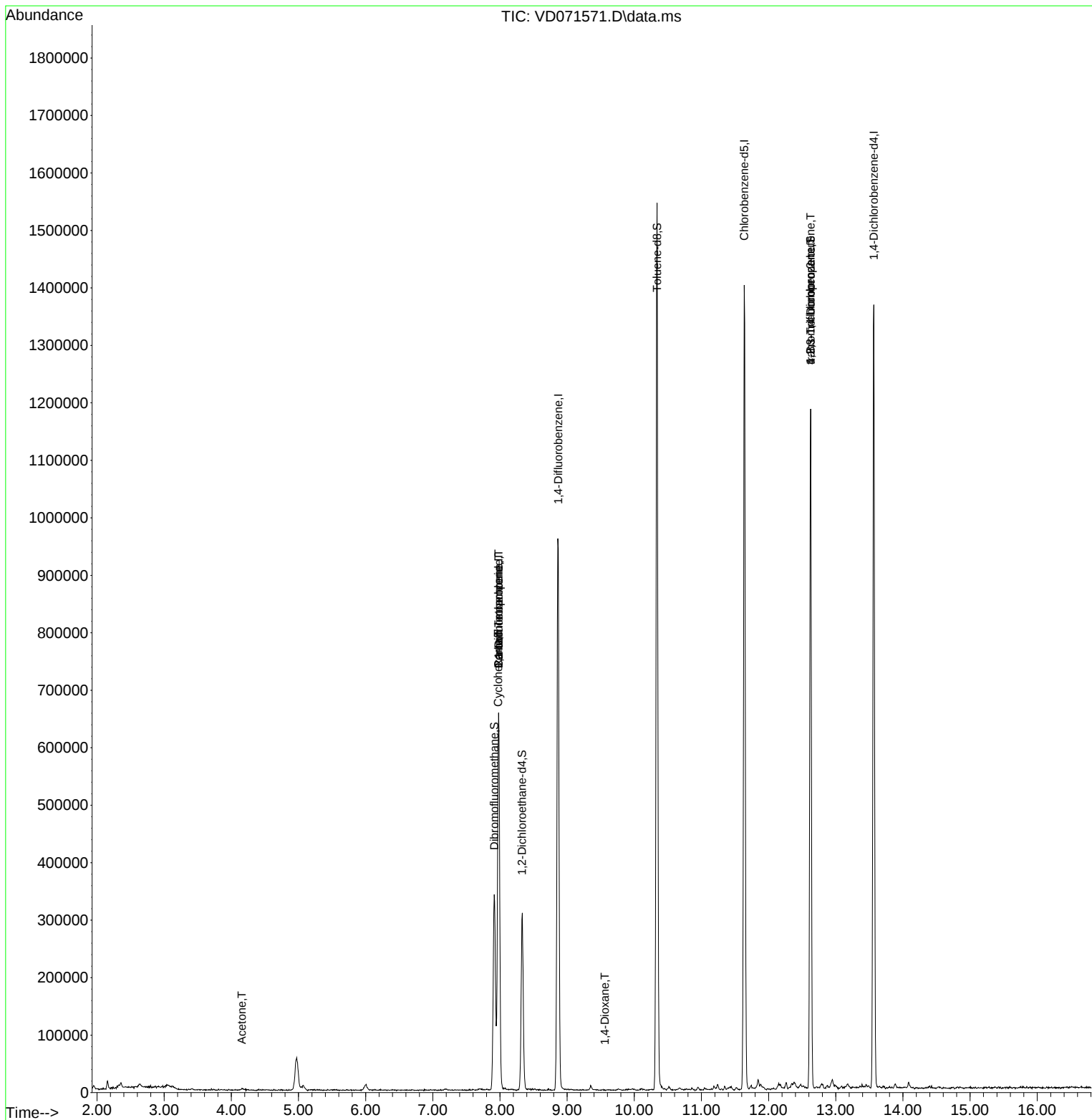
Quant Time: Jan 04 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

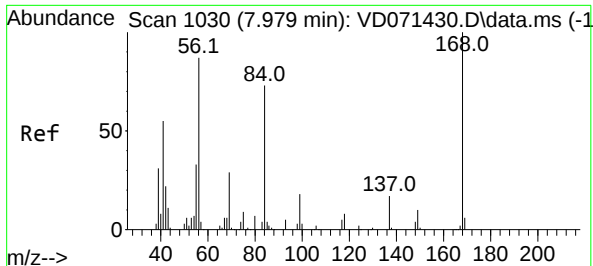
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	463332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237350	38.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.140%		
35) Dibromofluoromethane	7.914	113	239548	45.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.700%		
50) Toluene-d8	10.338	98	988830	49.535	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.626	95	342115	48.229	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.460%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	475	Below Cal	#	71
16) Acetone	4.156	43	5103	3.302	ug/l #	73
31) Cyclohexane	7.973	56	14646	1.401	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	42017	4.979	ug/l #	49
38) Carbon Tetrachloride	7.979	117	50290	6.040	ug/l #	16
49) 1,4-Dioxane	9.561	88	64	1.741	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	192964	48.539	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	192964	137.148	ug/l #	18

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

Quant Time: Jan 04 00:50:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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Response via : Initial Calibration

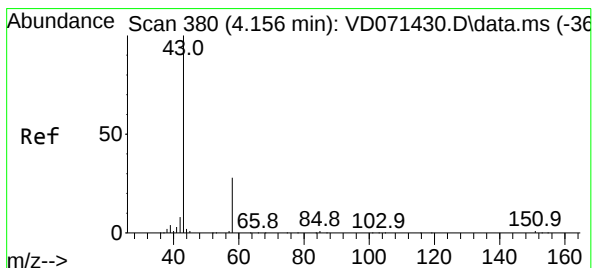
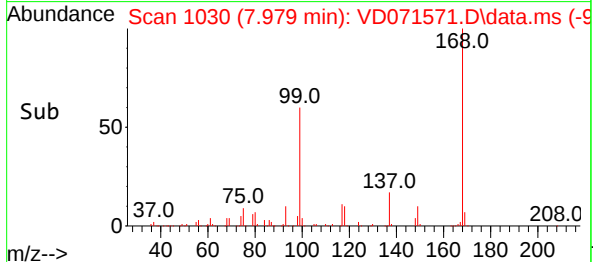
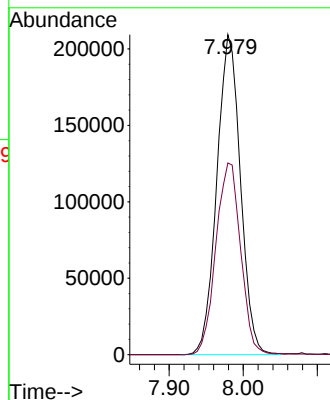
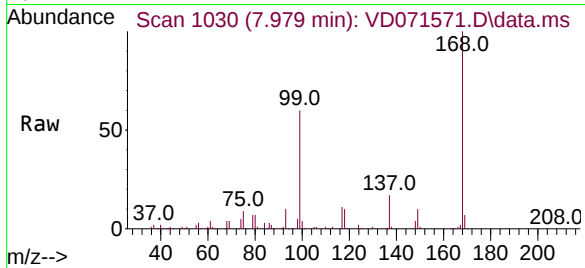




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

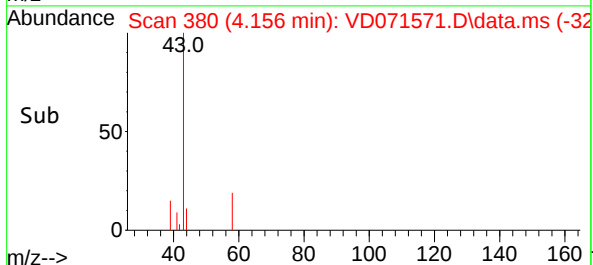
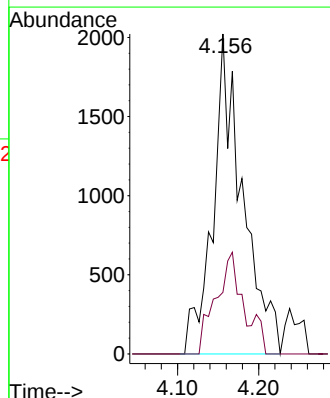
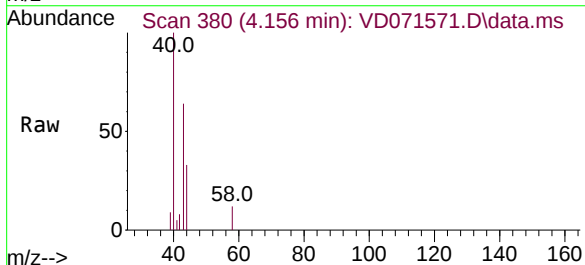
Instrument :
MSVOA_D
ClientSampleId :

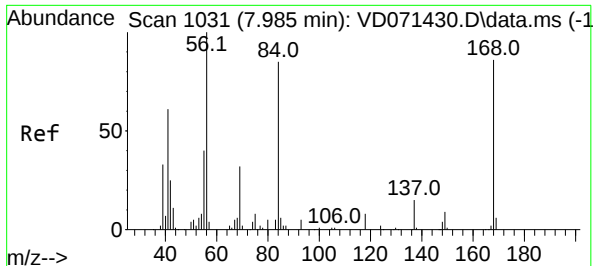
Tgt Ion:168 Resp: 463332
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8



#16
Acetone
Concen: 3.302 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

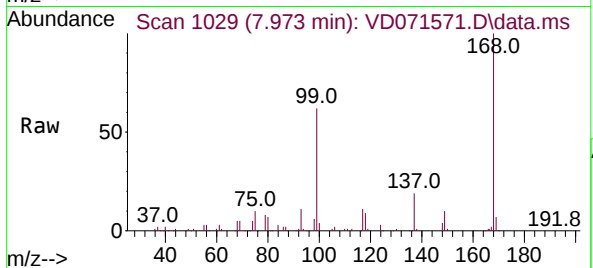
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
58 19.2 27.8 41.8#



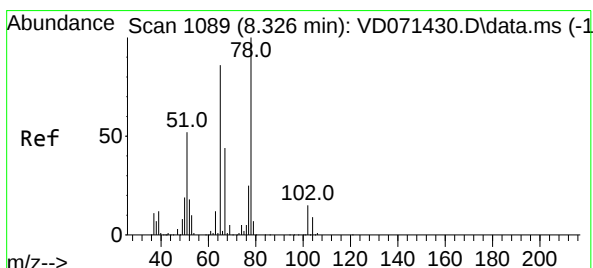
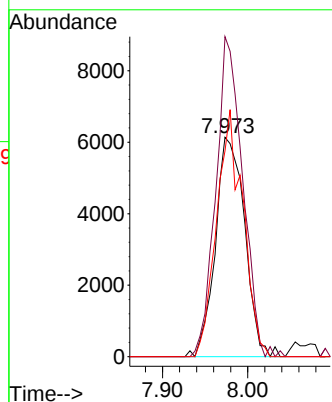
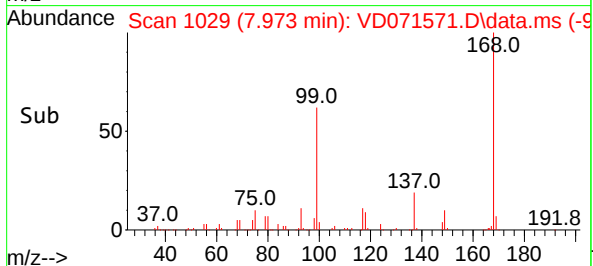


#31
Cyclohexane
Concen: 1.401 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

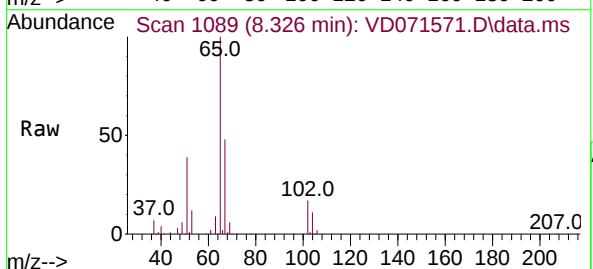
Instrument :
MSVOA_D
ClientSampleId :



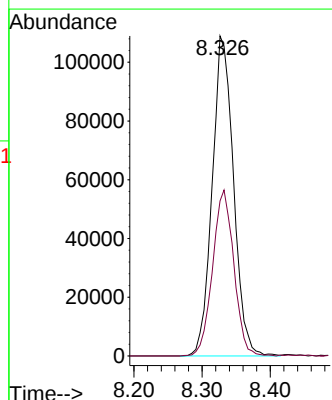
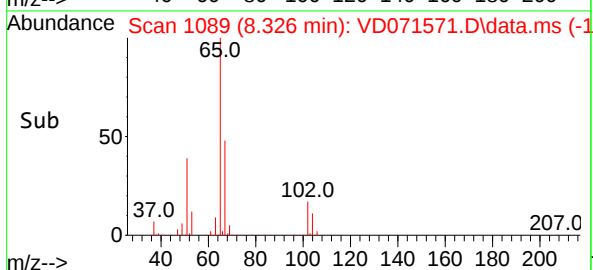
Tgt Ion: 56 Resp: 14646
Ion Ratio Lower Upper
56 100
69 145.9 25.9 38.9#
84 93.8 64.3 96.5

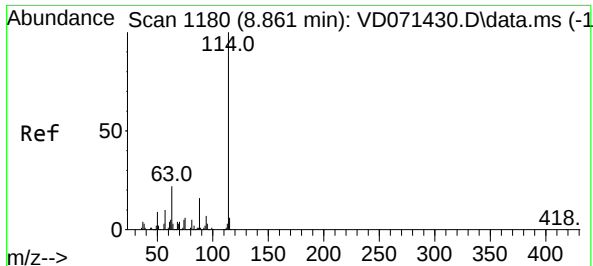


#33
1,2-Dichloroethane-d4
Concen: 38.572 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40



Tgt Ion: 65 Resp: 237350
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

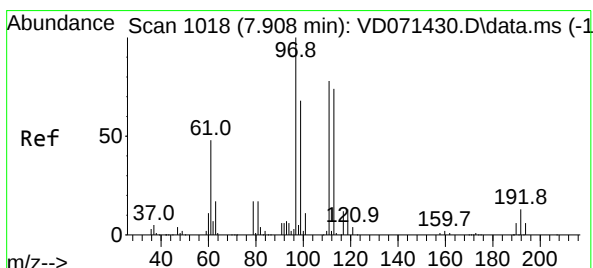
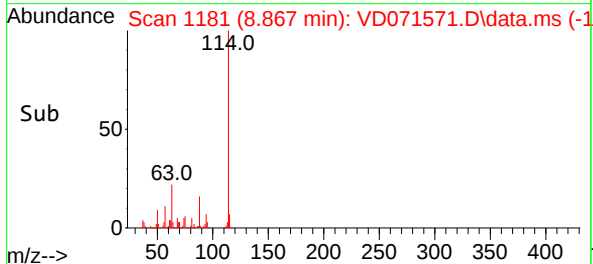
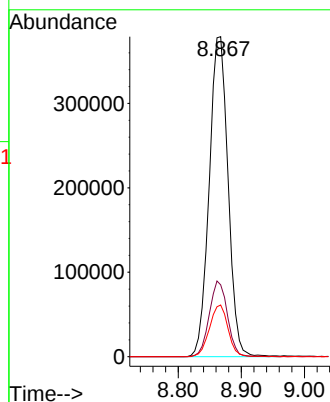
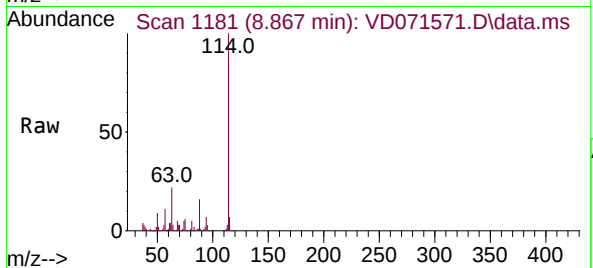
Tgt Ion:114 Resp: 785975

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.349 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

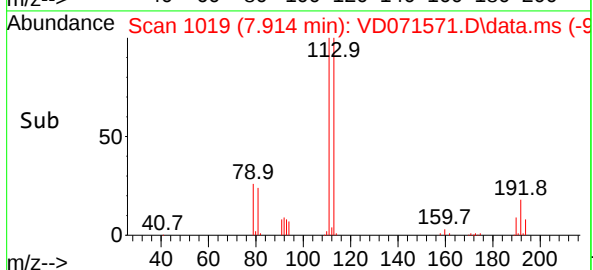
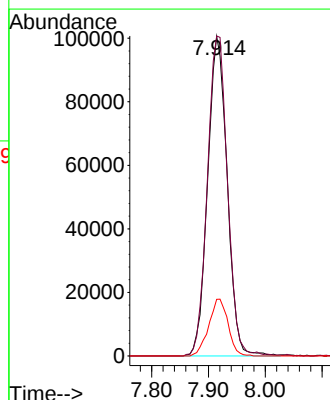
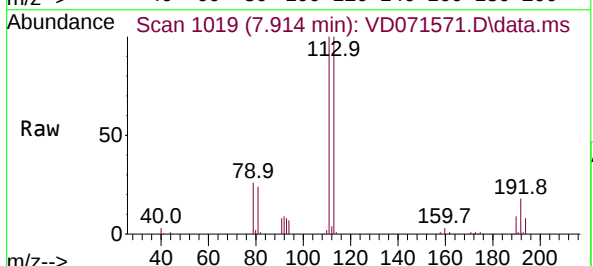
Tgt Ion:113 Resp: 239548

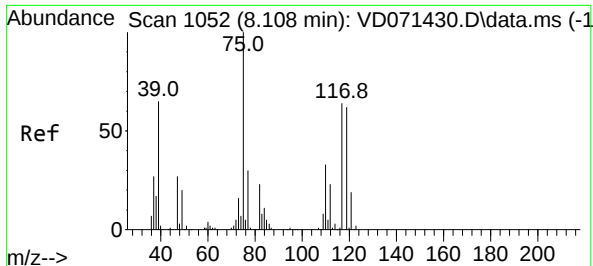
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

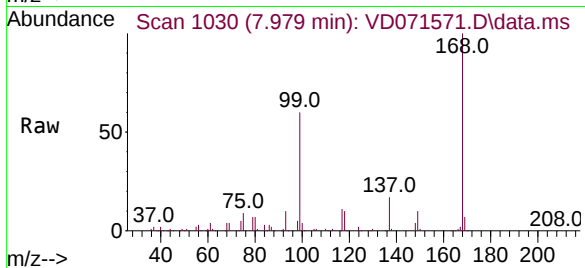
Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

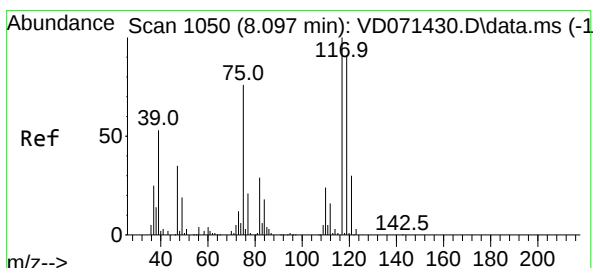
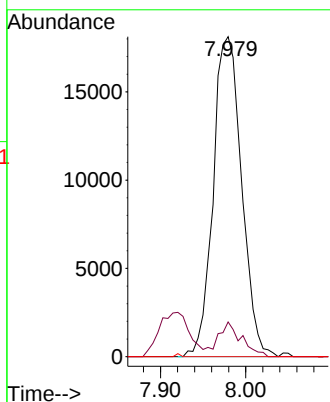
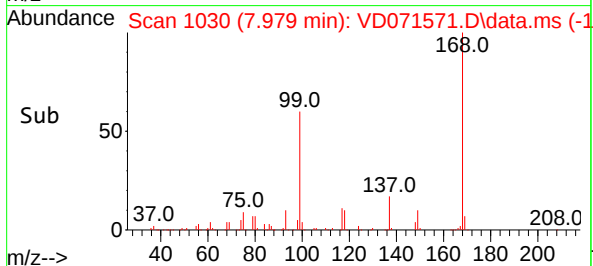
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	42017
Ion Ratio	Lower	Upper	
75	100		
110	9.0	17.8	53.4#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.040 ug/l

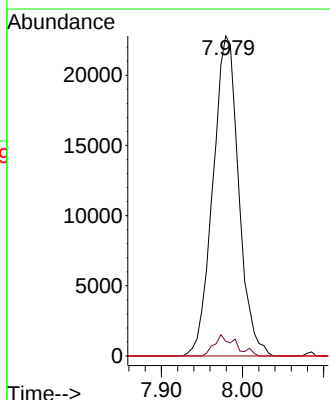
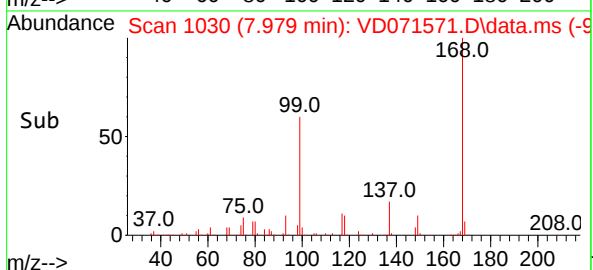
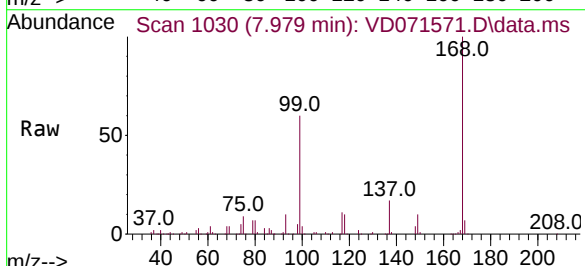
RT: 7.979 min Scan# 1030

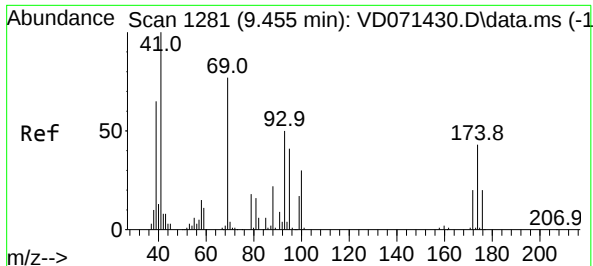
Delta R.T. -0.118 min

Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

Tgt Ion:	117	Resp:	50290
Ion Ratio	Lower	Upper	
117	100		
119	4.6	75.8	113.6#
121	0.0	23.6	35.4#





#49

1,4-Dioxane

Concen: 1.741 ug/l

RT: 9.561 min Scan# 1299

Delta R.T. 0.106 min

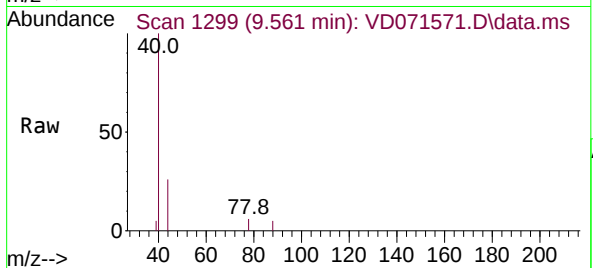
Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :



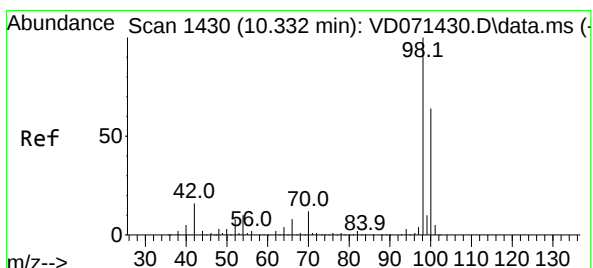
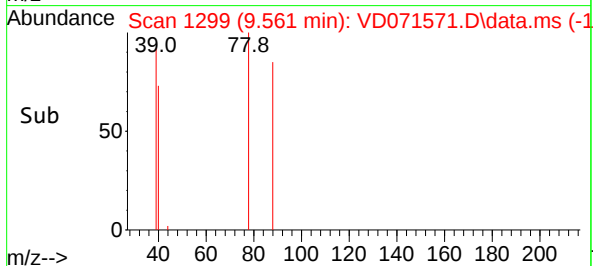
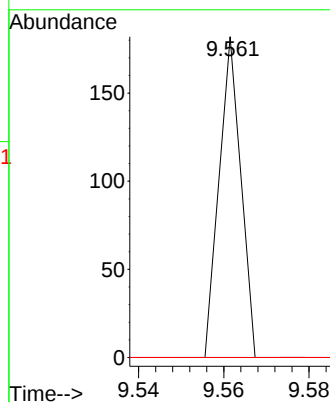
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 0.0 28.9 43.3#

58 0.0 56.3 84.5#



#50

Toluene-d8

Concen: 49.535 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071571.D

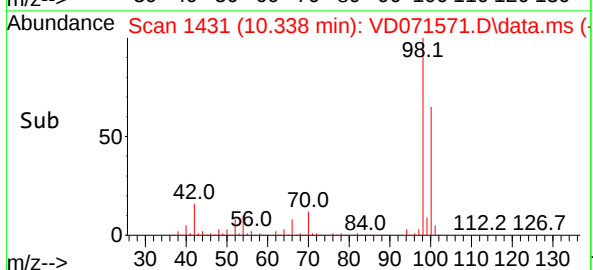
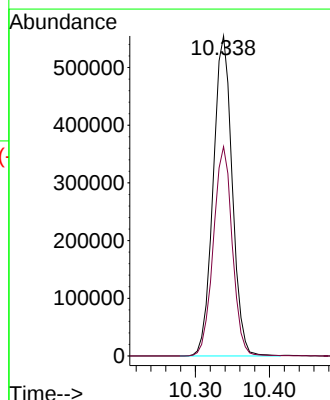
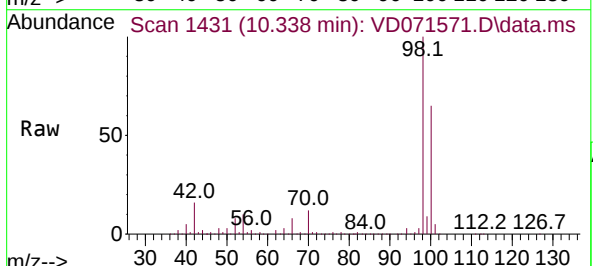
Acq: 03 Jan 2022 17:40

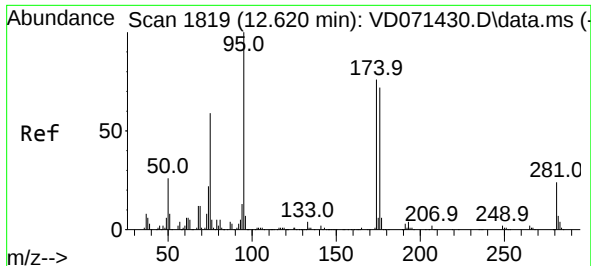
Tgt Ion: 98 Resp: 988830

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.6

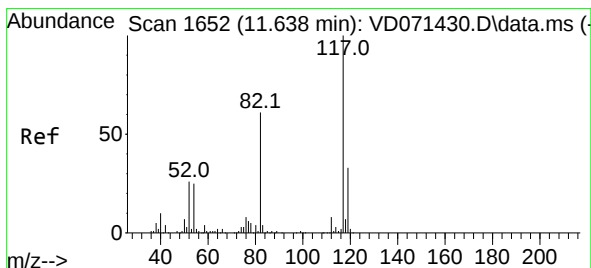
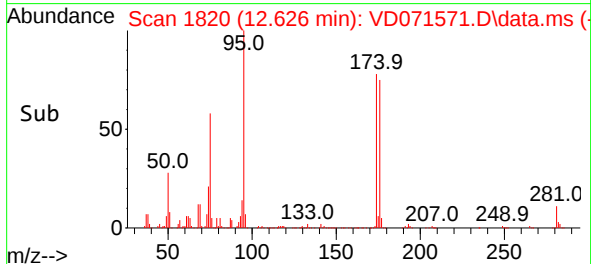
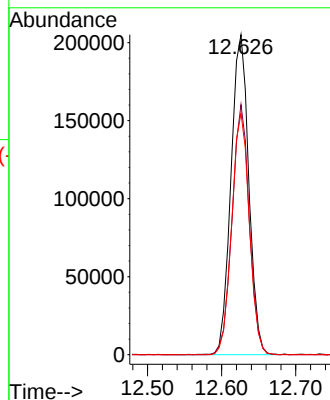
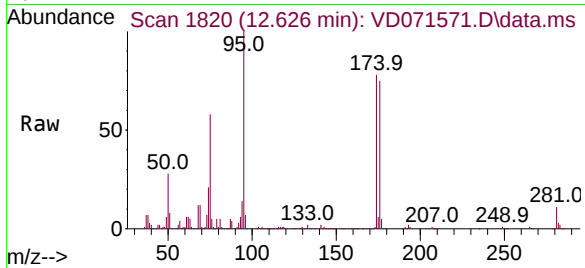




#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

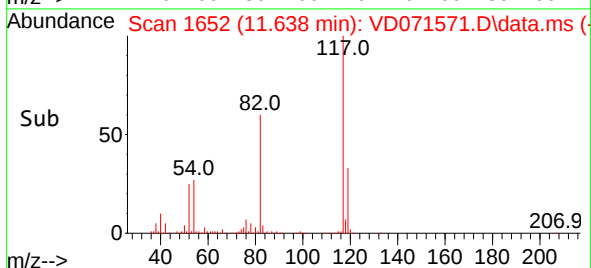
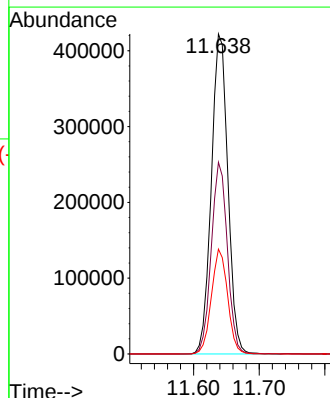
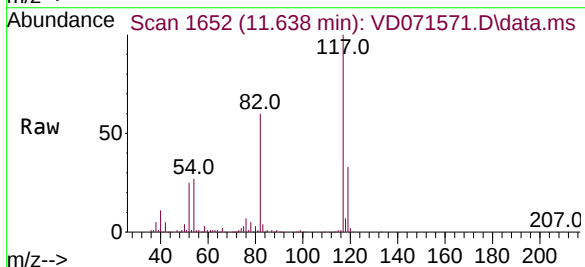
Instrument :
MSVOA_D
ClientSampleId :

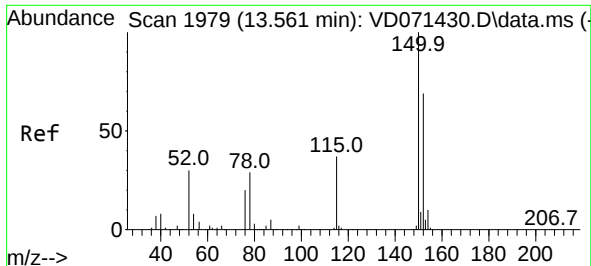
Tgt Ion: 95 Resp: 342115
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 74.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

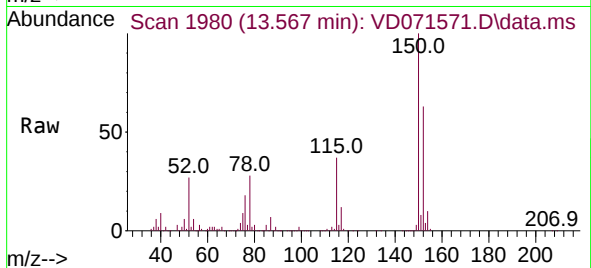
Tgt Ion: 117 Resp: 738196
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 32.7 26.2 39.4



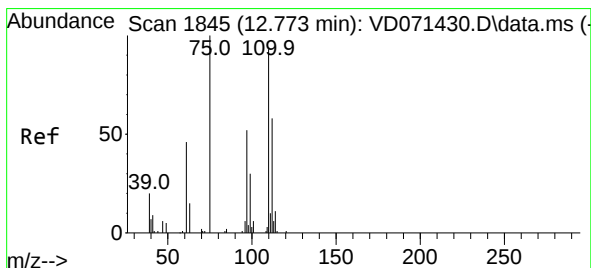
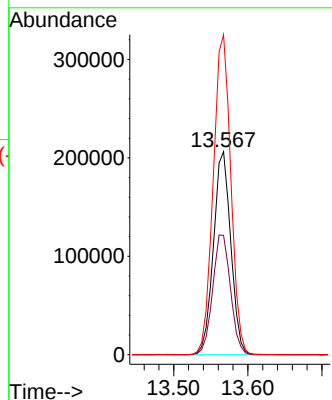
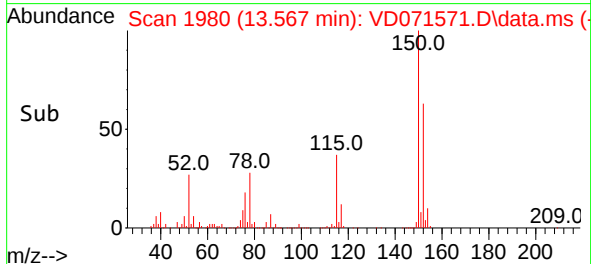


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071571.D
 Acq: 03 Jan 2022 17:40

Instrument :
 MSVOA_D
 ClientSampleId :

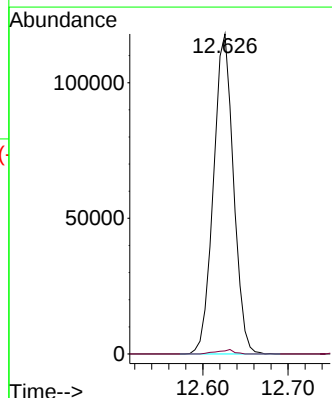
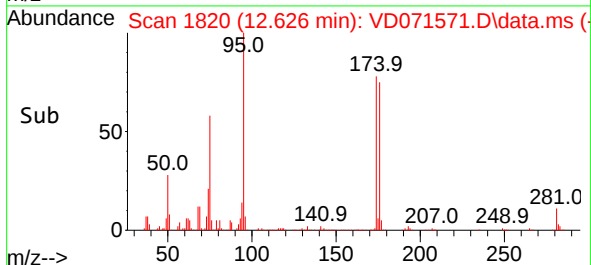
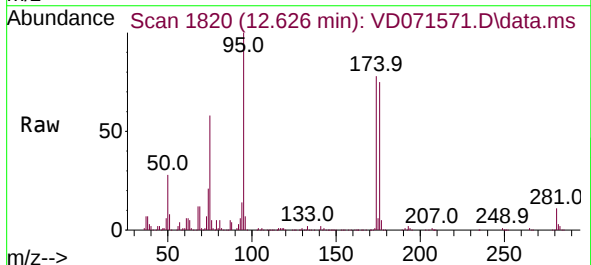


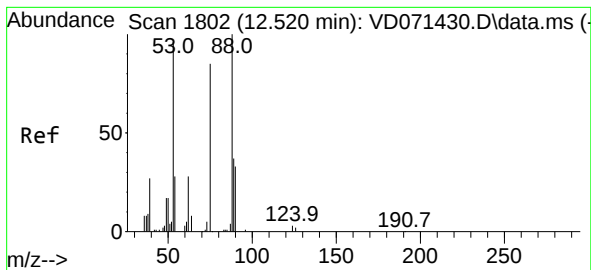
Tgt Ion:152 Resp: 334583
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.3
 150 160.0 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 48.539 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071571.D
 Acq: 03 Jan 2022 17:40

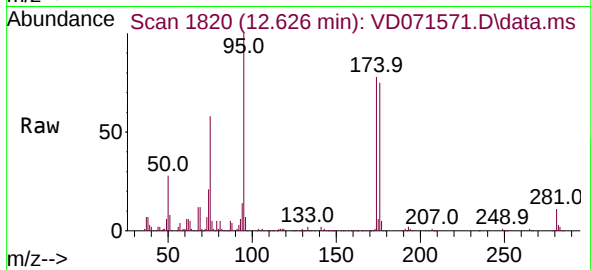
Tgt Ion: 75 Resp: 192964
 Ion Ratio Lower Upper
 75 100
 77 1.1 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.148 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071571.D
 Acq: 03 Jan 2022 17:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 192964
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.0 34.5 51.7#

