

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071658.D
 Acq On : 10 Jan 2022 15:37
 Operator : VA/SY
 Sample : N1076-13
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:08:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

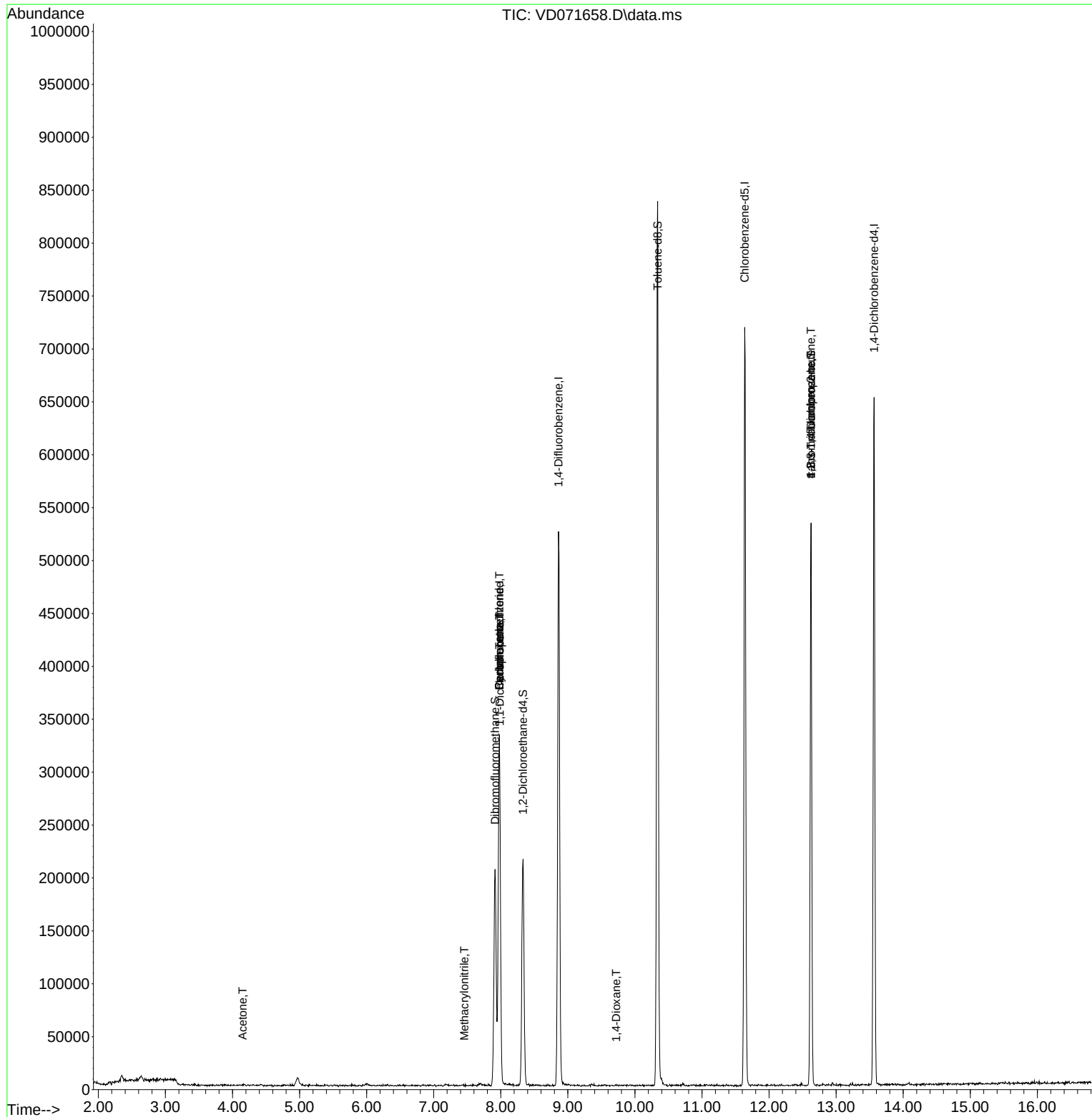
Internal Standards						
1) Pentafluorobenzene	7.979	168	224120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	421015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	378822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	156505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174631	60.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.120%	
35) Dibromofluoromethane	7.914	113	142554	51.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.460%	
50) Toluene-d8	10.338	98	534245	51.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.626	95	159827	43.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.100%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.997	85	311	Below Cal	#	43
3) Chloromethane	2.209	50	705	Below Cal	#	43
5) Bromomethane	2.791	94	700	Below Cal	#	67
16) Acetone	4.150	43	959	1.440	ug/l	94
18) Methyl Acetate	4.767	43	64	Below Cal	#	56
20) Methylene Chloride	4.967	84	5036	Below Cal		88
31) Cyclohexane	7.979	56	7136	2.097	ug/l #	10
36) 1,1-Dichloropropene	7.985	75	21346	5.378	ug/l #	51
38) Carbon Tetrachloride	7.979	117	24745	6.156	ug/l #	18
41) Methacrylonitrile	7.455	41	60	1.182	ug/l #	32
49) 1,4-Dioxane	9.720	88	61	4.021	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	93731	61.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	93731	172.794	ug/l #	3

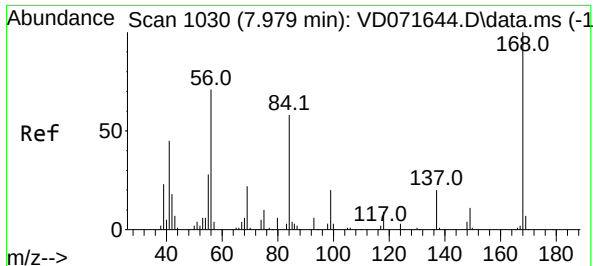
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Jan 11 04:08:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

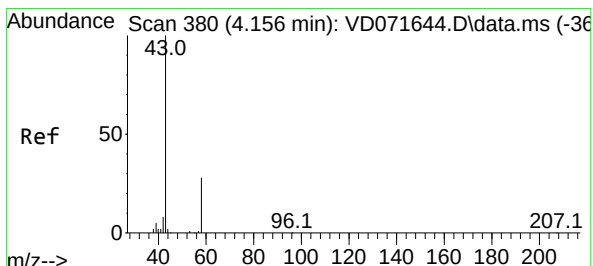
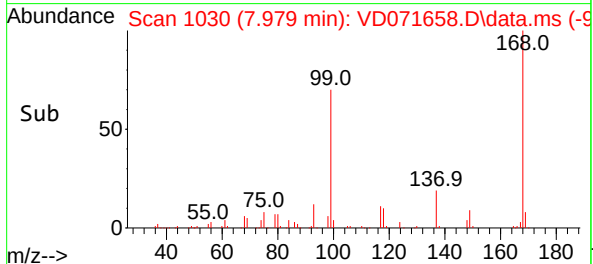
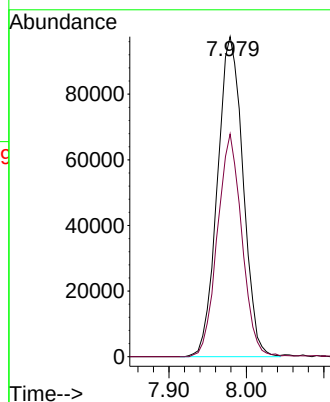
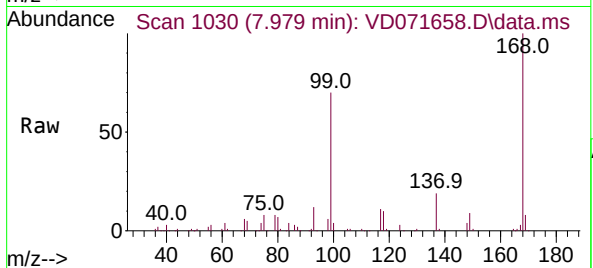




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

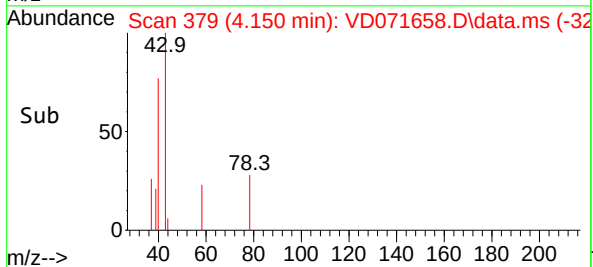
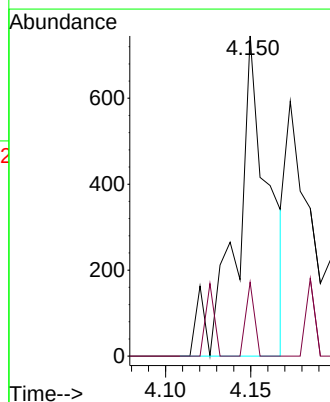
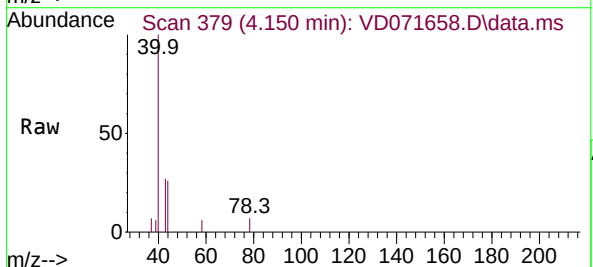
Instrument :
MSVOA_D
ClientSampleId :

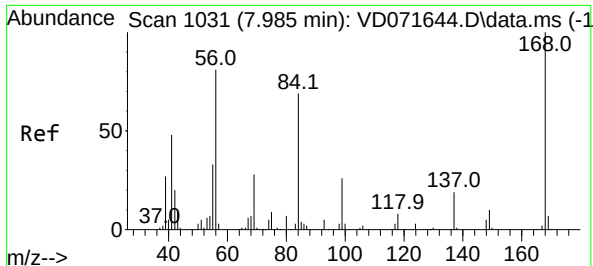
Tgt Ion:168 Resp: 224120
Ion Ratio Lower Upper
168 100
99 69.6 51.8 77.6



#16
Acetone
Concen: 1.440 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

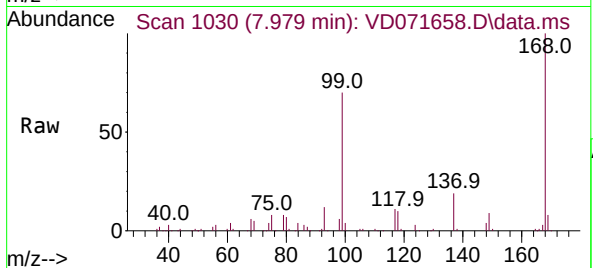
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 23.1 21.0 31.6



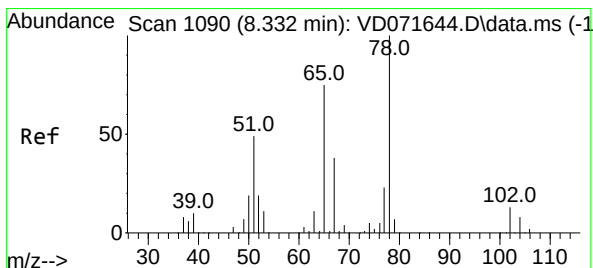
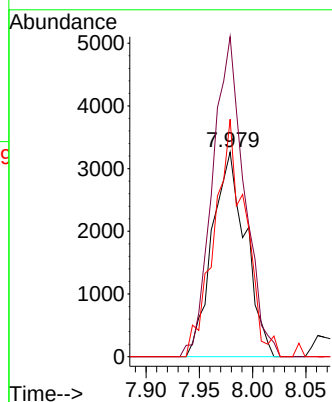
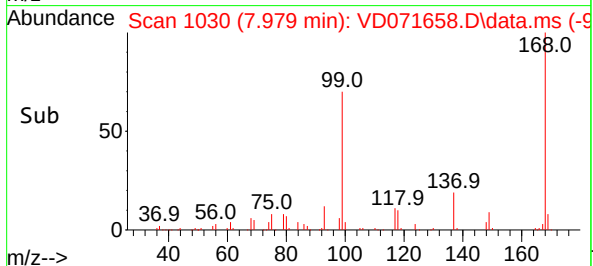


#31
Cyclohexane
Concen: 2.097 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :

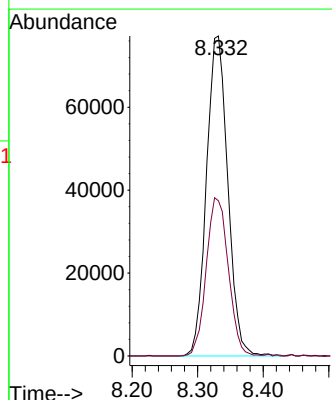
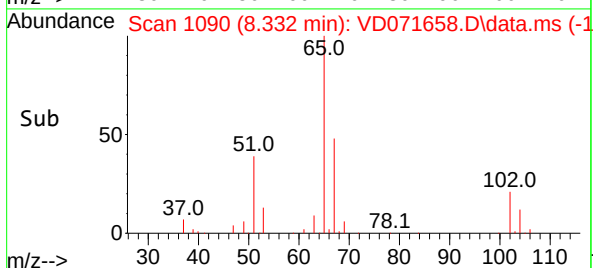
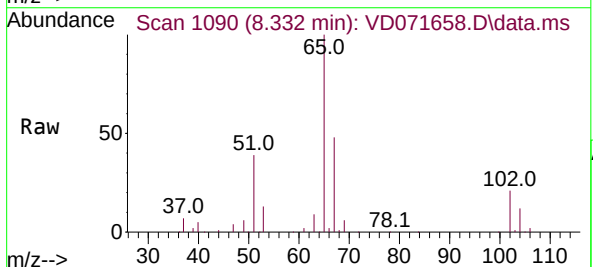


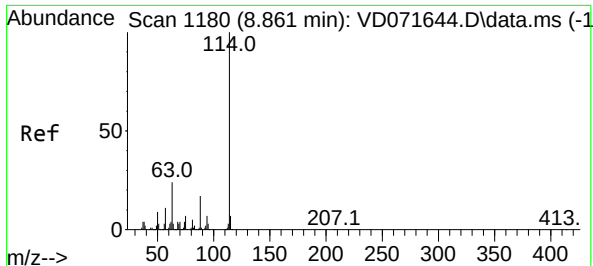
Tgt Ion: 56 Resp: 7136
Ion Ratio Lower Upper
56 100
69 156.4 21.7 32.5#
84 116.1 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 60.556 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 65 Resp: 174631
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071658.D

Acq: 10 Jan 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

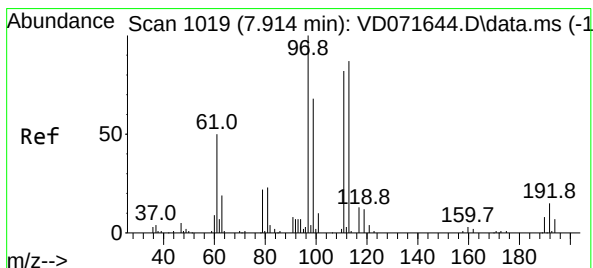
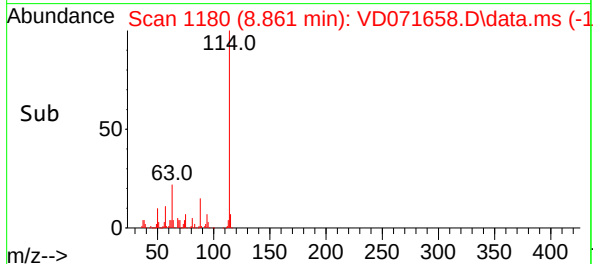
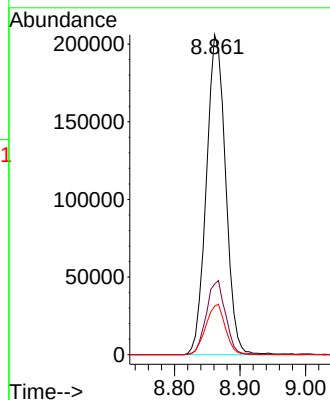
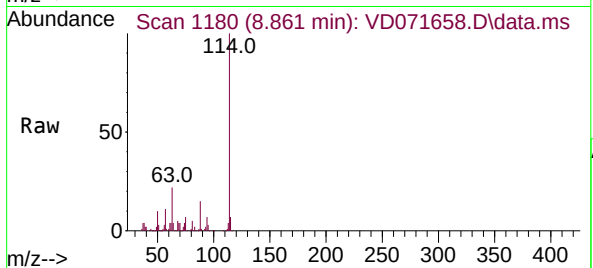
Tgt Ion:114 Resp: 421015

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 15.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.234 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071658.D

Acq: 10 Jan 2022 15:37

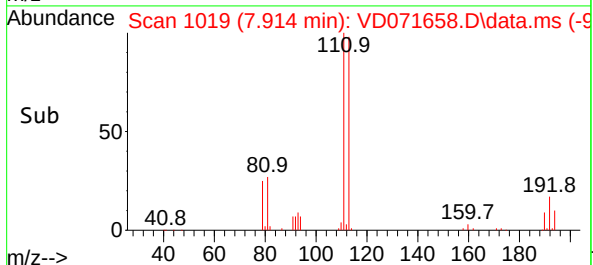
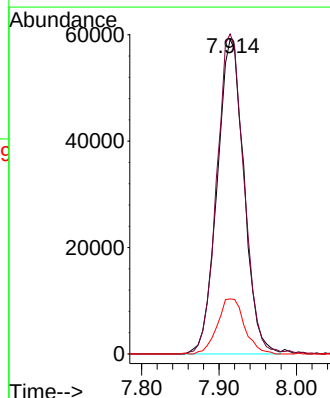
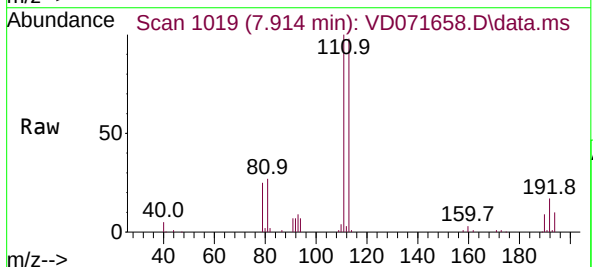
Tgt Ion:113 Resp: 142554

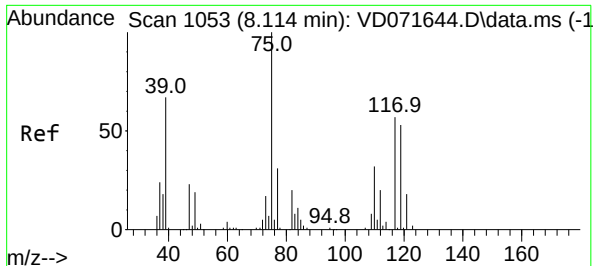
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.7 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.378 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

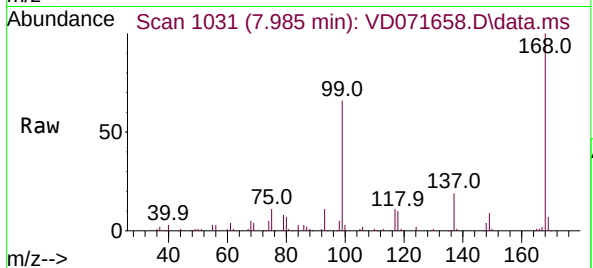
Lab File: VD071658.D

Acq: 10 Jan 2022 15:37

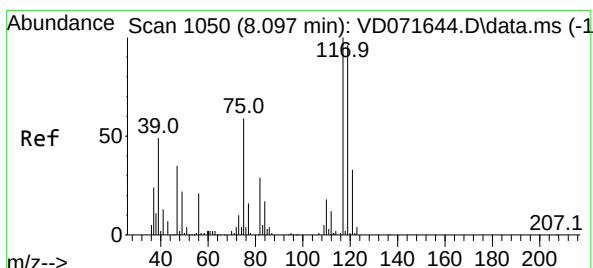
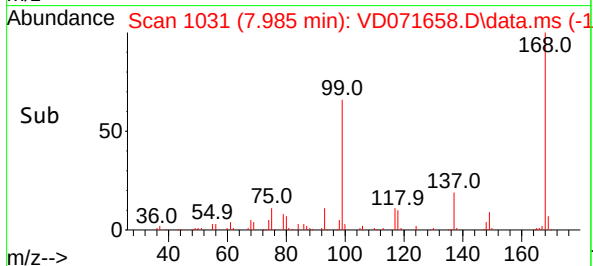
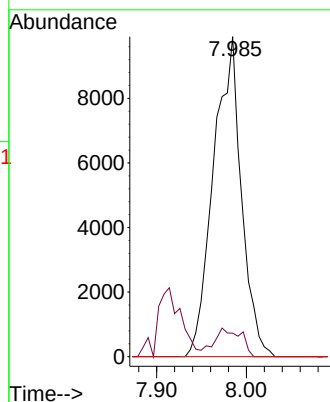
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 21346
Ion Ratio	Lower Upper
75	100
110	8.6 16.0 48.0#
77	0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.156 ug/l

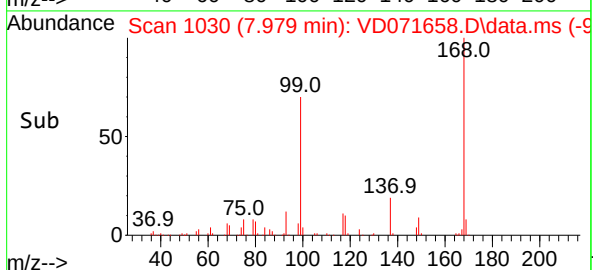
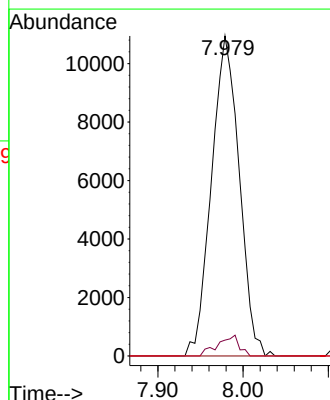
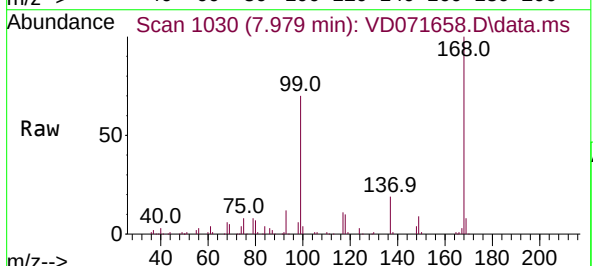
RT: 7.979 min Scan# 1030

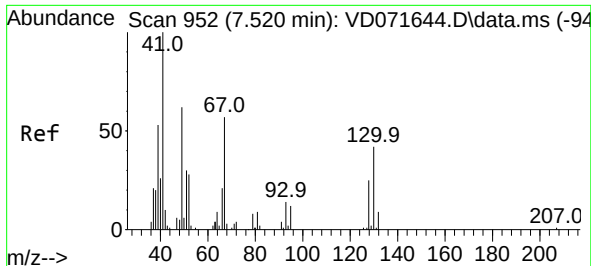
Delta R.T. -0.117 min

Lab File: VD071658.D

Acq: 10 Jan 2022 15:37

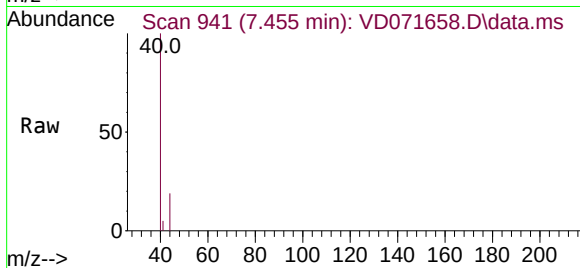
Tgt Ion: 117	Resp: 24745
Ion Ratio	Lower Upper
117	100
119	5.0 73.4 110.2#
121	0.0 23.9 35.9#



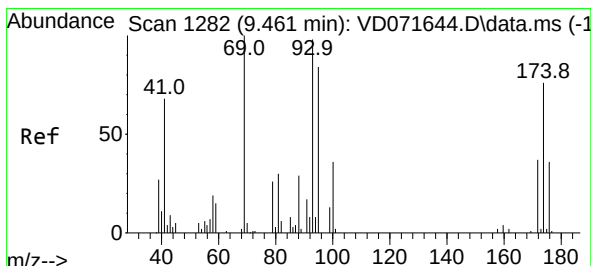
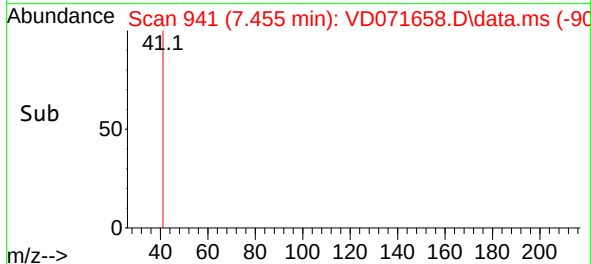
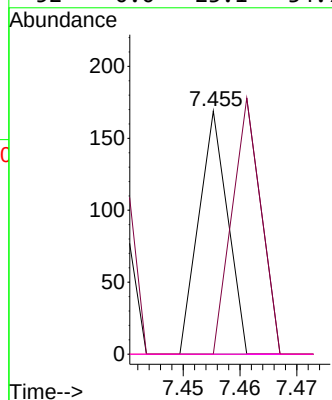


#41
Methacrylonitrile
Concen: 1.182 ug/l
RT: 7.455 min Scan# 941
Delta R.T. -0.065 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :

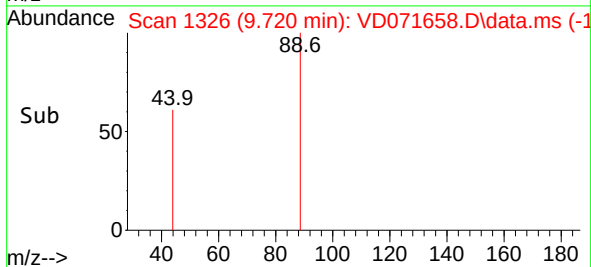
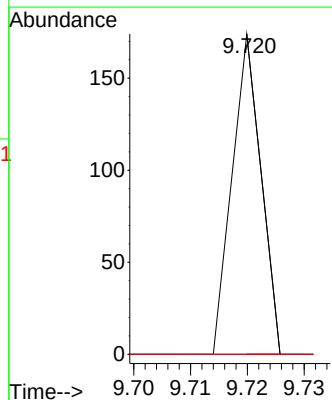
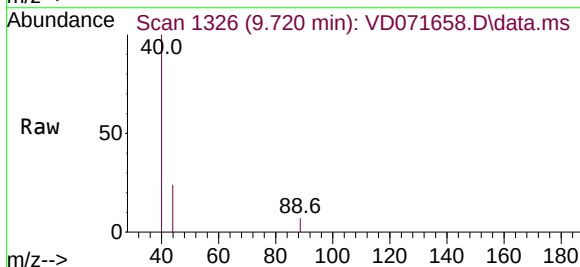


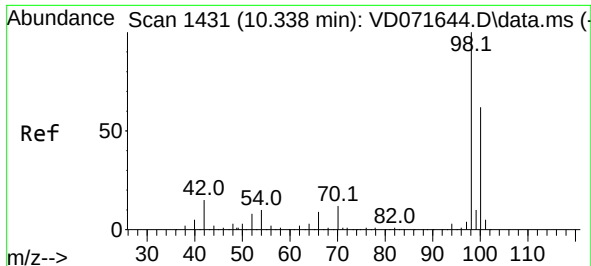
Tgt Ion: 41	Resp: 60
Ion Ratio	Lower Upper
41 100	
39 105.0	46.9 70.3#
67 0.0	49.3 73.9#
52 0.0	23.1 34.7#



#49
1,4-Dioxane
Concen: 4.021 ug/l
RT: 9.720 min Scan# 1326
Delta R.T. 0.265 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 88	Resp: 61		
Ion Ratio	Lower	Upper	
88 100			
43 0.0	34.6	52.0#	
58 0.0	62.0	93.0#	

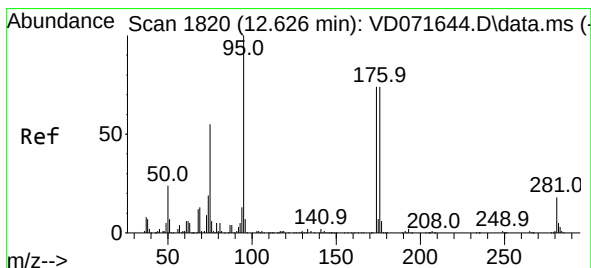
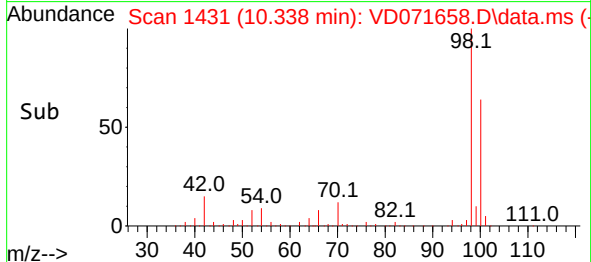
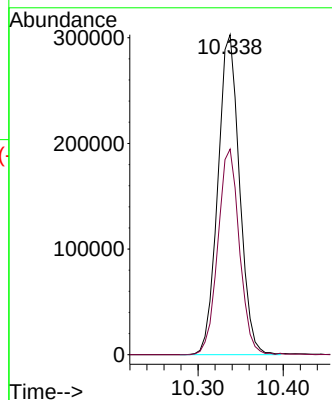
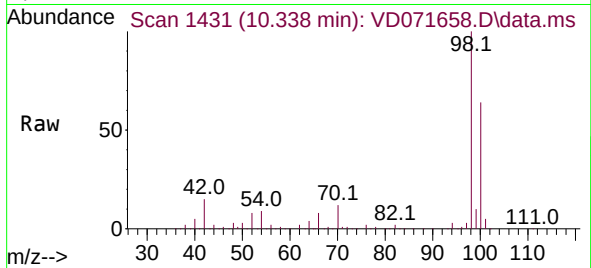




#50
Toluene-d8
Concen: 51.294 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

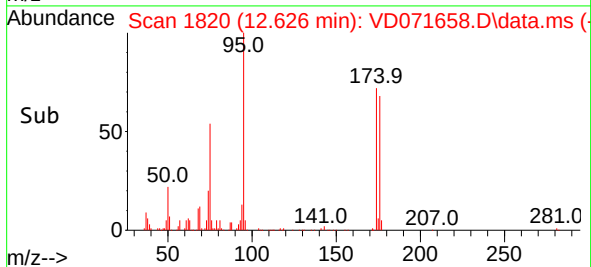
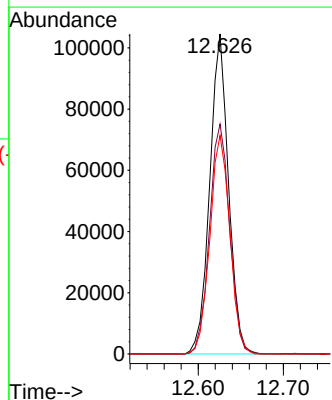
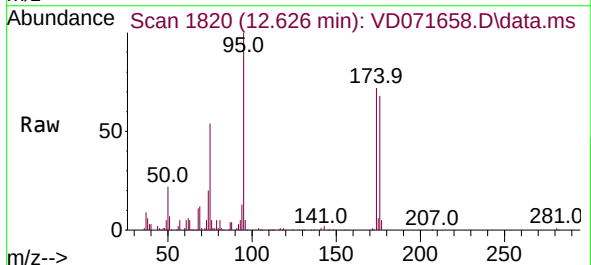
Instrument :
MSVOA_D
ClientSampleId :

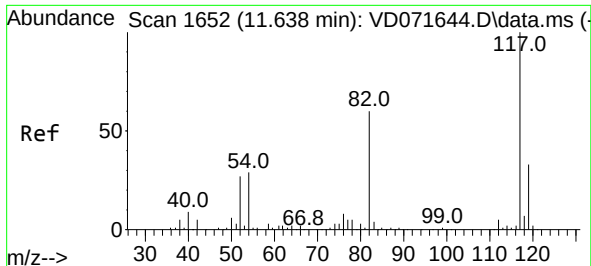
Tgt Ion: 98 Resp: 534245
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.548 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 95 Resp: 159827
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.0
176 72.8 0.0 146.4

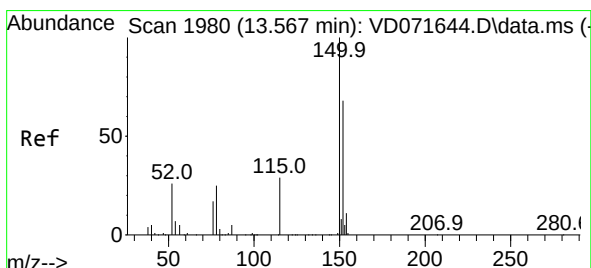
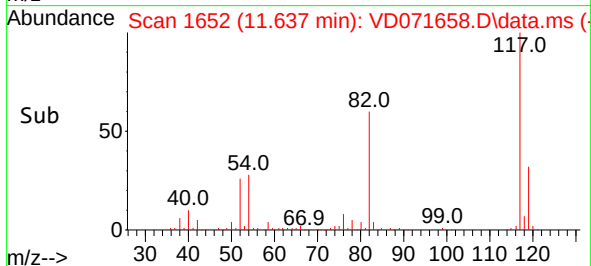
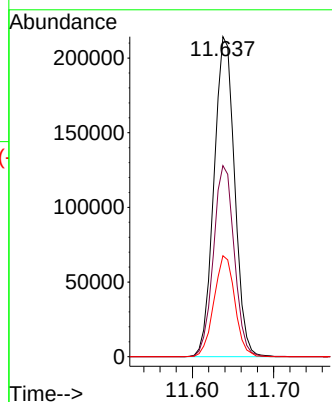
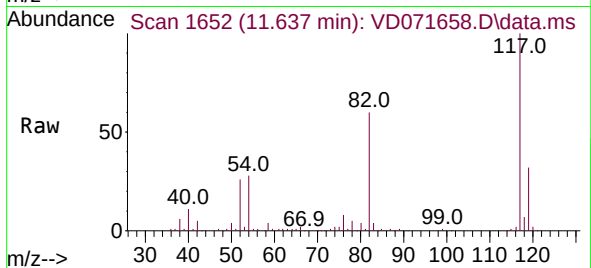




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

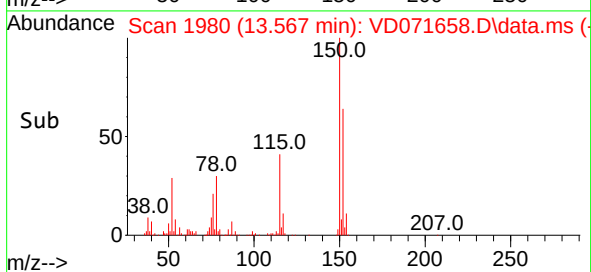
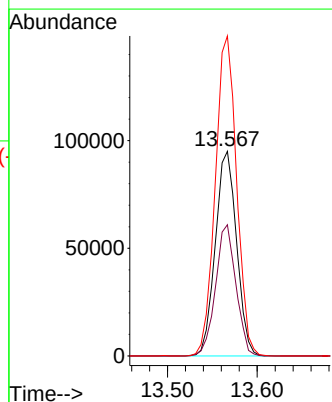
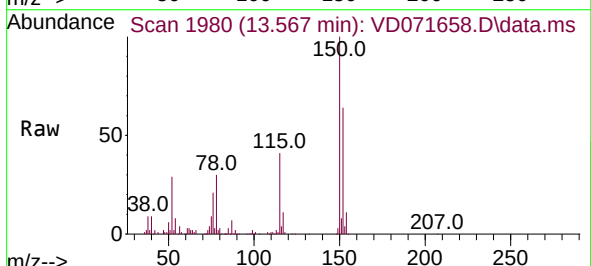
Instrument :
MSVOA_D
ClientSampleId :

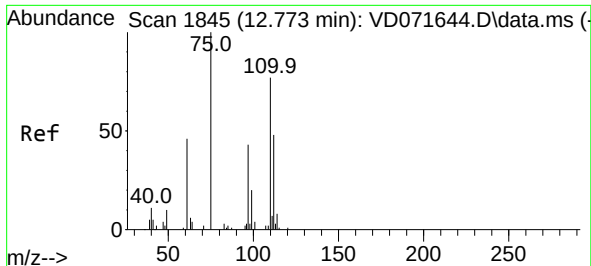
Tgt Ion:117 Resp: 378822
Ion Ratio Lower Upper
117 100
82 59.7 46.9 70.3
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion:152 Resp: 156505
Ion Ratio Lower Upper
152 100
115 61.4 31.5 94.5
150 156.5 0.0 348.0

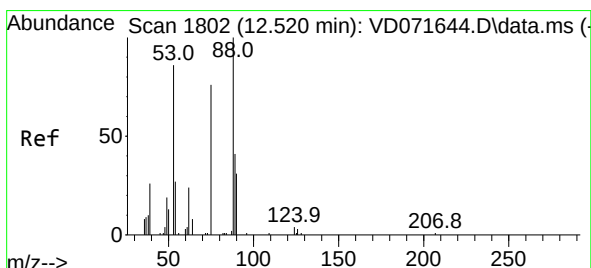
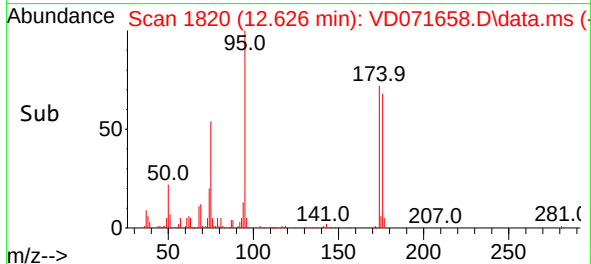
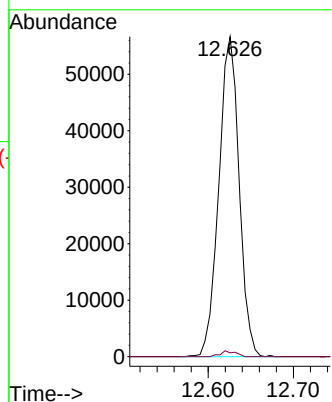
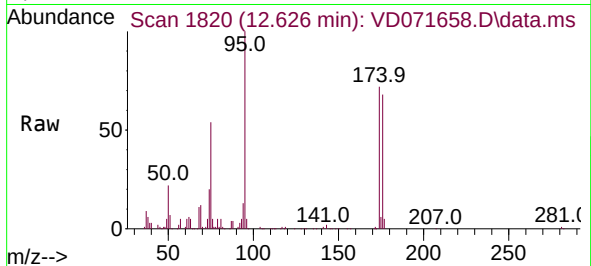




#76
1,2,3-Trichloropropane
Concen: 61.980 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 93731
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.794 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 75 Resp: 93731
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

