

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071749.D
 Acq On : 19 Jan 2022 17:36
 Operator : VA/SY
 Sample : N1189-25
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

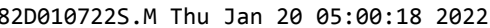
Quant Time: Jan 20 05:00:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

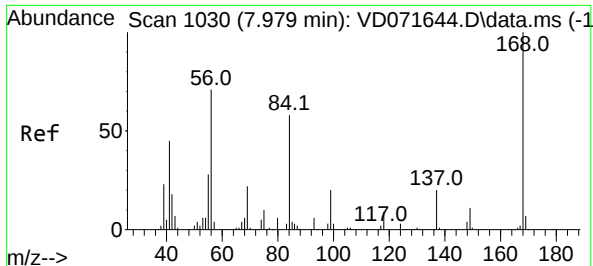
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	300469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	534318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216578	56.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.040%	
35) Dibromofluoromethane	7.914	113	197107	52.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.338	98	745237	53.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.626	95	227943	46.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	131	Below Cal	#	43
3) Chloromethane	2.226	50	661	Below Cal	#	43
5) Bromomethane	2.767	94	520	Below Cal	#	4
11) Tert butyl alcohol	5.167	59	1158	Below Cal	#	75
16) Acetone	4.155	43	7538	8.445	ug/l #	78
18) Methyl Acetate	4.720	43	56	Below Cal	#	56
20) Methylene Chloride	4.967	84	4568	Below Cal		91
25) 2-Butanone	7.202	43	2294	2.175	ug/l #	56
31) Cyclohexane	7.973	56	9282	2.044	ug/l #	50
36) 1,1-Dichloropropene	7.973	75	30951	5.795	ug/l #	50
38) Carbon Tetrachloride	7.985	117	33667	6.224	ug/l #	19
41) Methacrylonitrile	7.520	41	60	1.169	ug/l #	26
49) 1,4-Dioxane	9.449	88	89	4.360	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	134617	59.937	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	134617	167.098	ug/l #	3

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

Quant Time: Jan 20 05:00:12 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

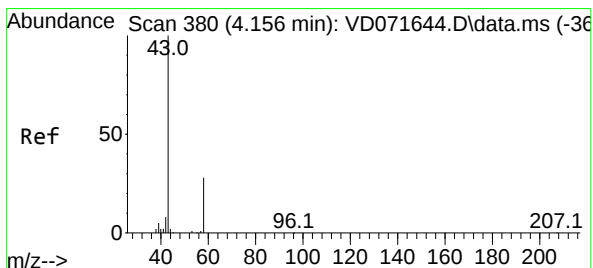
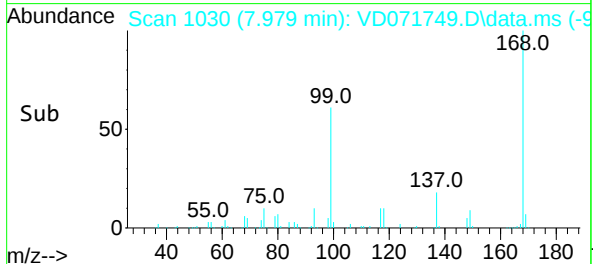
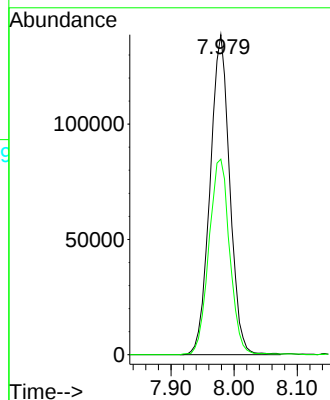
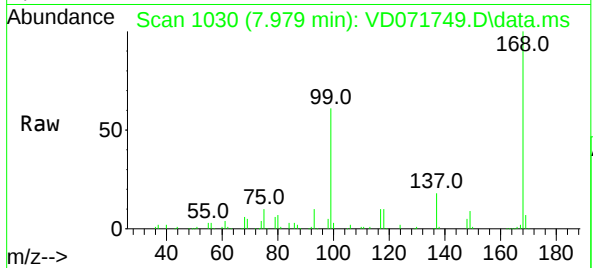




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

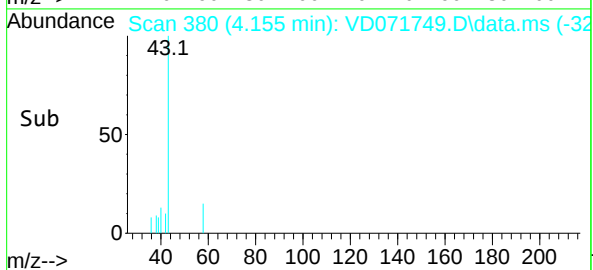
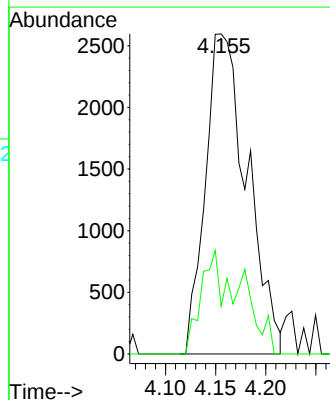
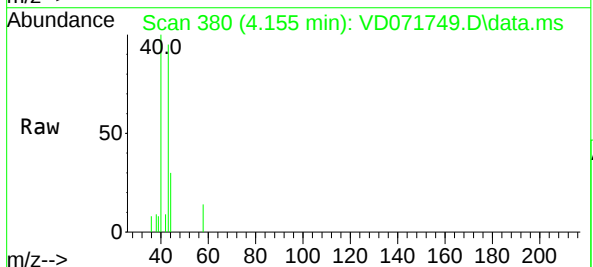
Instrument :
MSVOA_D
ClientSampleId :

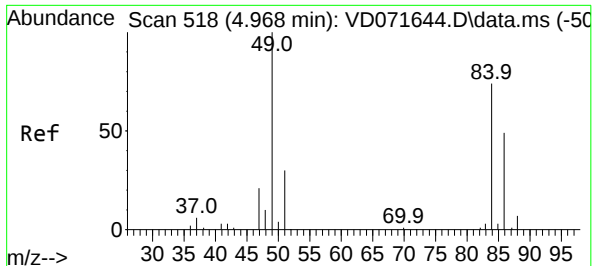
Tgt Ion:168 Resp: 300469
Ion Ratio Lower Upper
168 100
99 61.1 51.8 77.6



#16
Acetone
Concen: 8.445 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

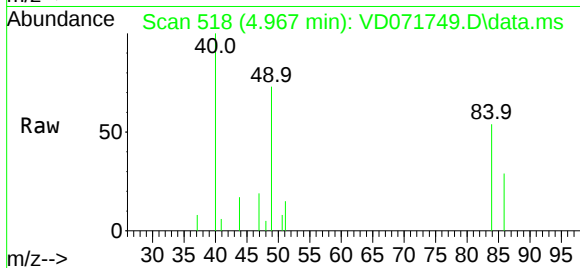
Tgt Ion: 43 Resp: 7538
Ion Ratio Lower Upper
43 100
58 15.0 21.0 31.6#



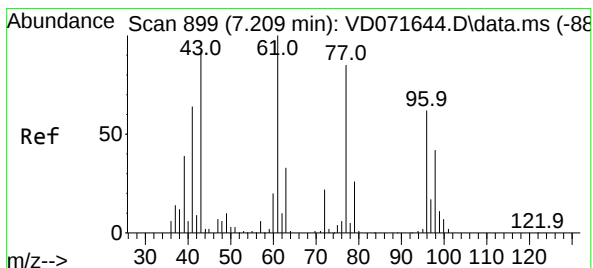
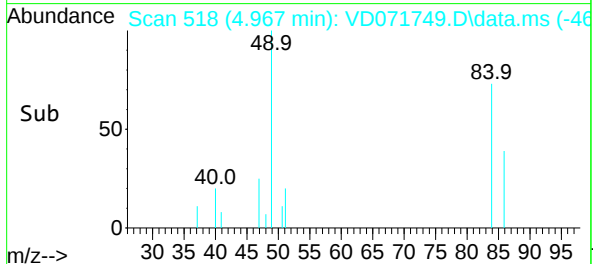
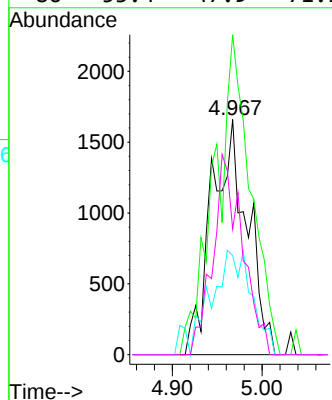


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

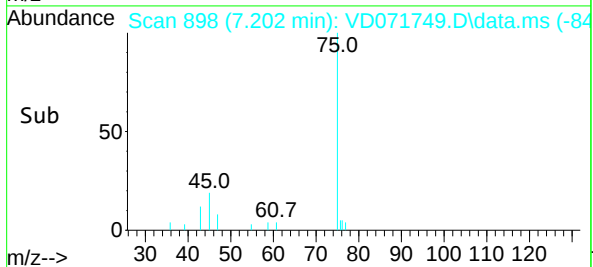
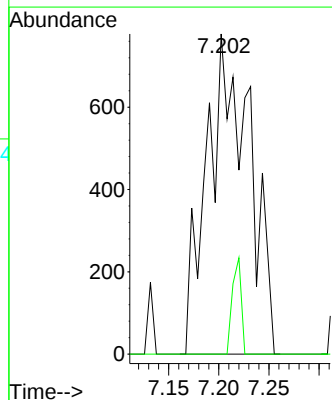
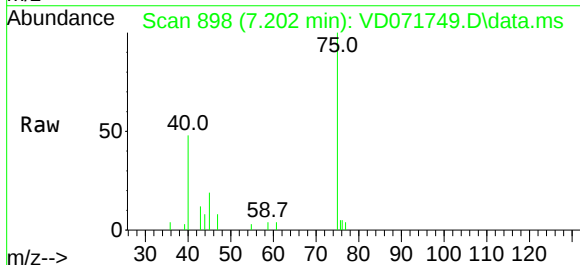


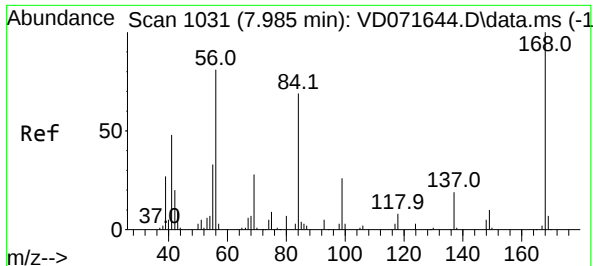
Tgt Ion:	84	Resp:	4568
Ion	Ratio	Lower	Upper
84	100		
49	136.1	118.6	178.0
51	42.1	37.8	56.6
86	53.4	47.9	71.9



#25
2-Butanone
Concen: 2.175 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

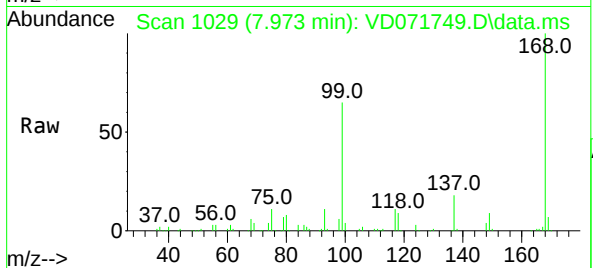
Tgt Ion:	43	Resp:	2294
Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.4	24.6#



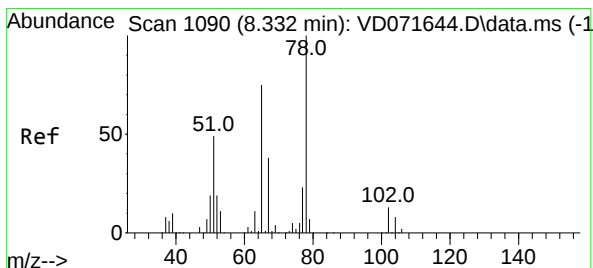
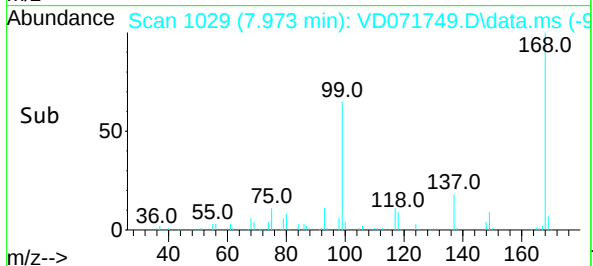
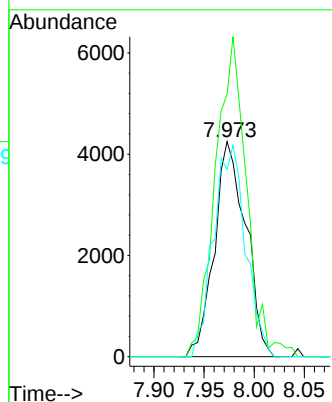


#31
Cyclohexane
Concen: 2.044 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

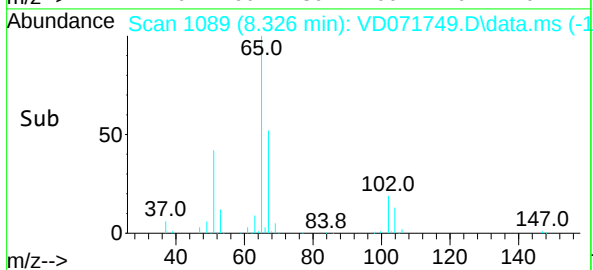
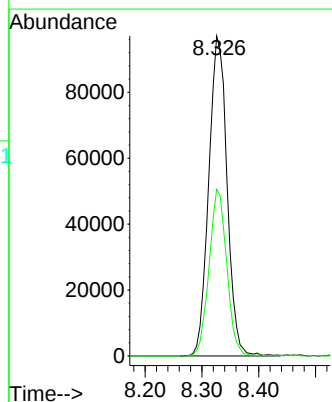
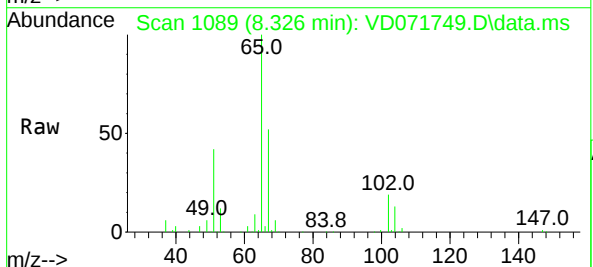


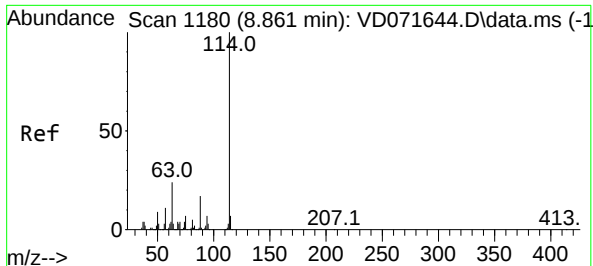
Tgt Ion: 56 Resp: 9282
Ion Ratio Lower Upper
56 100
69 122.0 21.7 32.5#
84 87.1 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 56.019 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Tgt Ion: 65 Resp: 216578
Ion Ratio Lower Upper
65 100
67 50.3 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: VD071749.D

Acq: 19 Jan 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

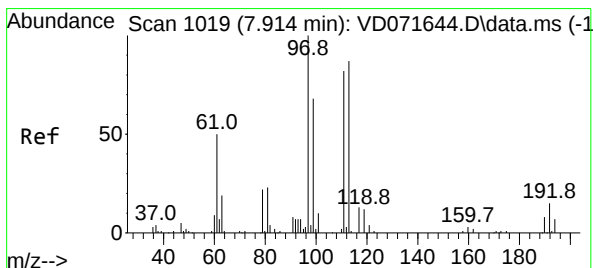
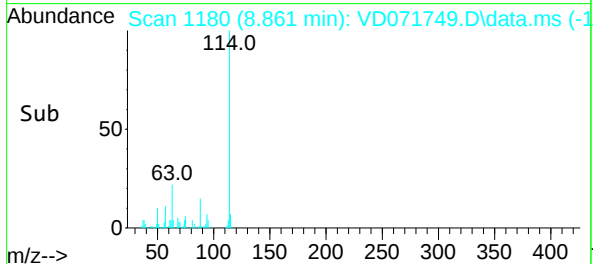
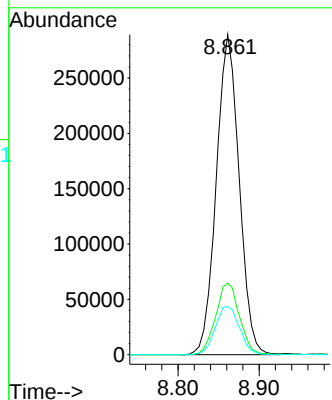
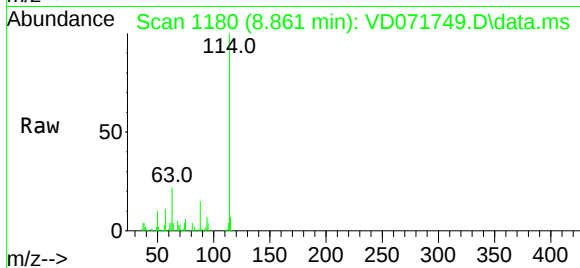
Tgt Ion:114 Resp: 566594

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.639 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071749.D

Acq: 19 Jan 2022 17:36

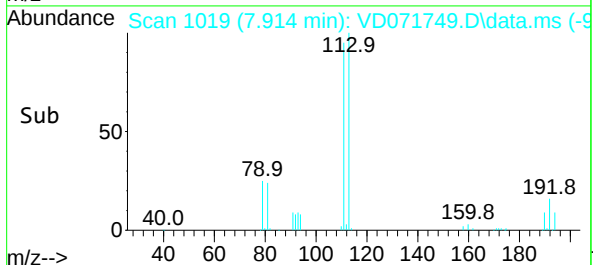
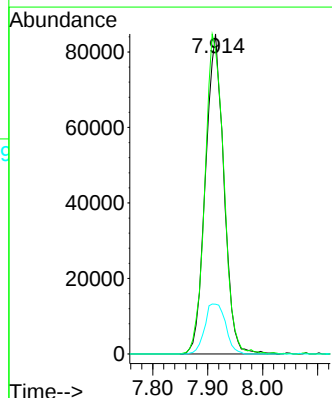
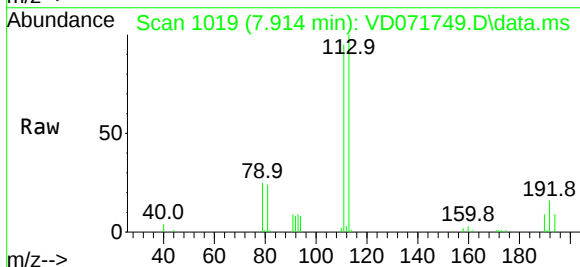
Tgt Ion:113 Resp: 197107

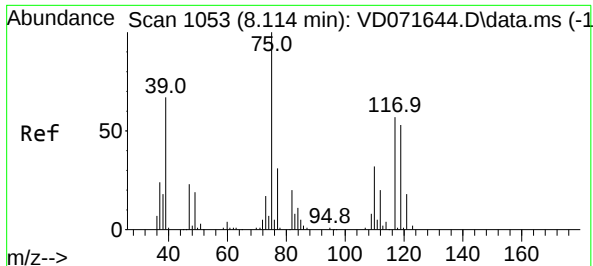
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.7 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.795 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

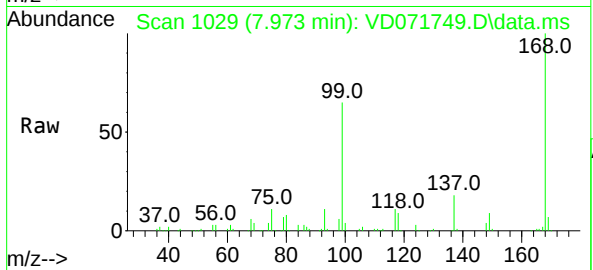
Lab File: VD071749.D

Acq: 19 Jan 2022 17:36

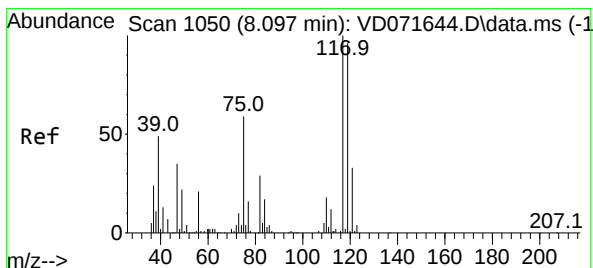
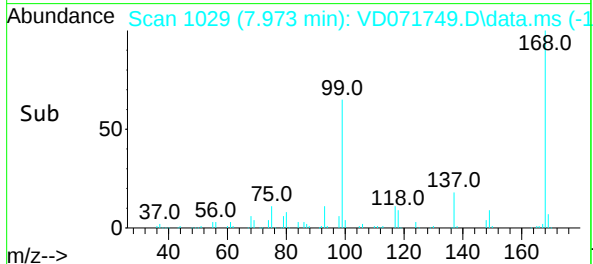
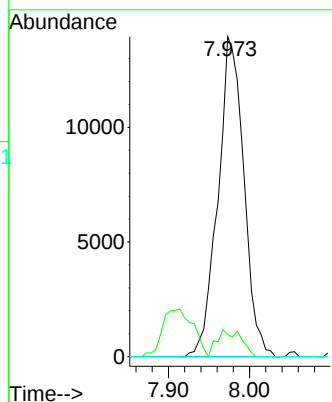
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 30951
Ion Ratio	Lower Upper
75	100
110	7.8 16.0 48.0#
77	0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.224 ug/l

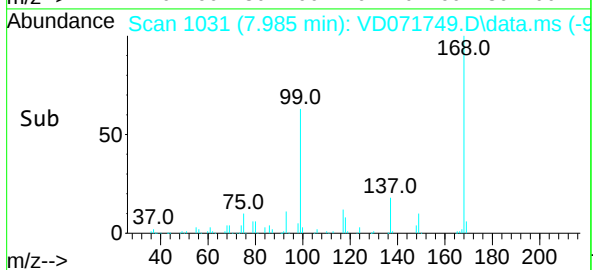
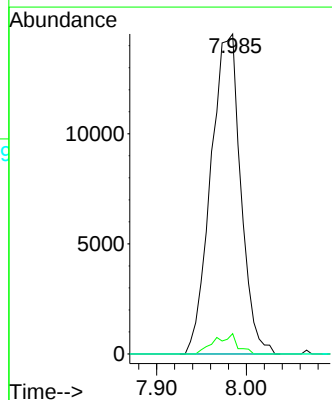
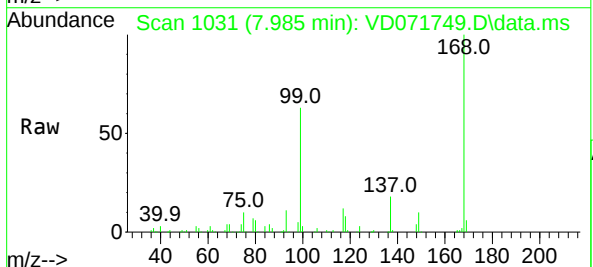
RT: 7.985 min Scan# 1031

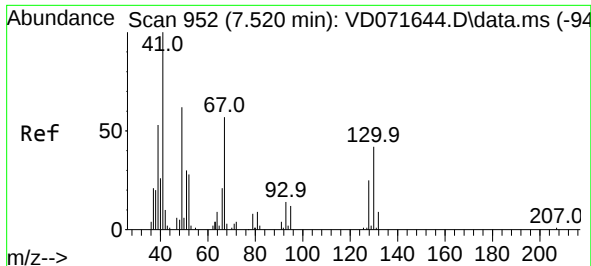
Delta R.T. -0.111 min

Lab File: VD071749.D

Acq: 19 Jan 2022 17:36

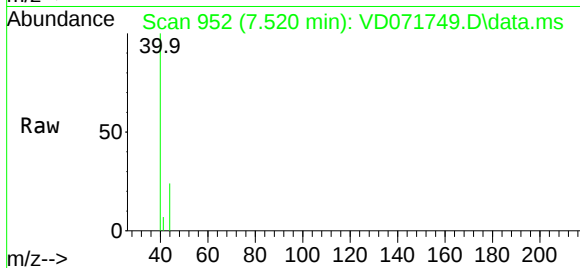
Tgt Ion: 117	Resp: 33667
Ion Ratio	Lower Upper
117	100
119	6.3 73.4 110.2#
121	0.0 23.9 35.9#



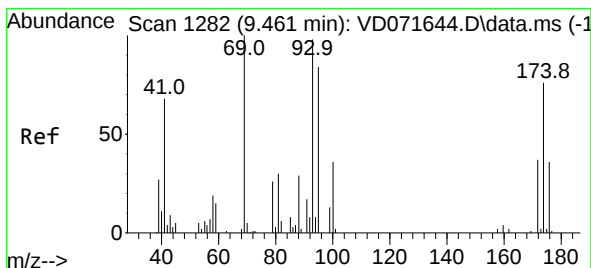
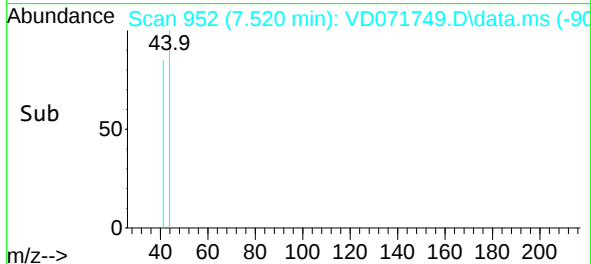
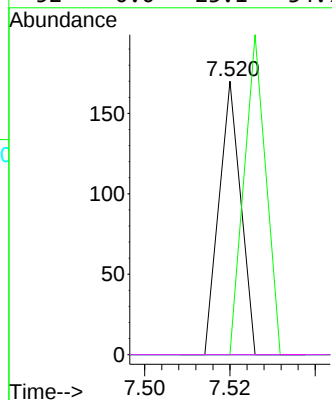


#41
Methacrylonitrile
Concen: 1.169 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

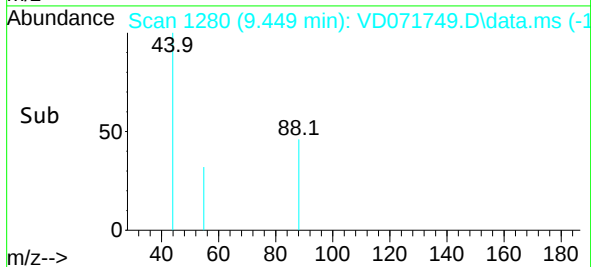
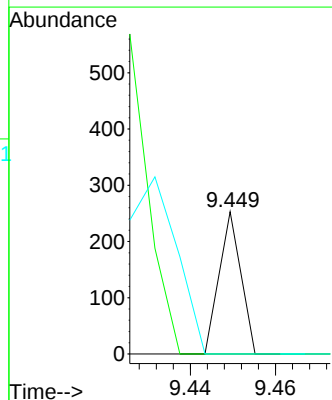
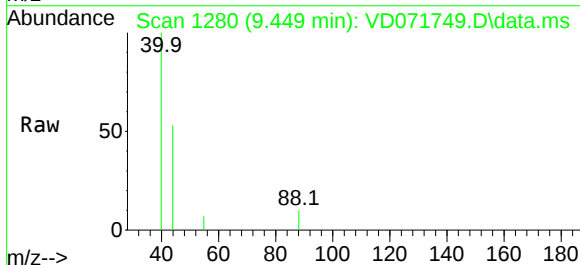


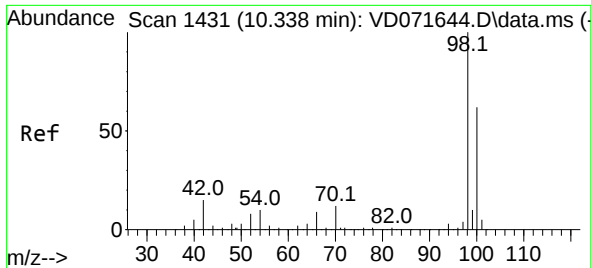
Tgt Ion:	41	Resp:	60
Ion	Ratio	Lower	Upper
41	100		
39	116.7	46.9	70.3#
67	0.0	49.3	73.9#
52	0.0	23.1	34.7#



#49
1,4-Dioxane
Concen: 4.360 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

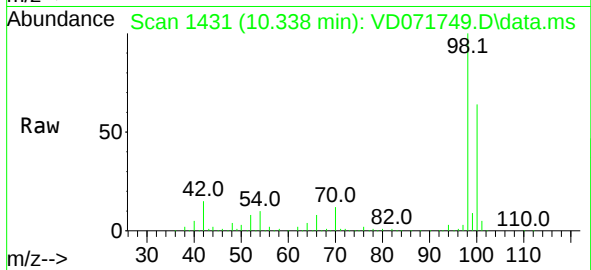
Tgt Ion:	88	Resp:	89
Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.6	52.0#
58	0.0	62.0	93.0#



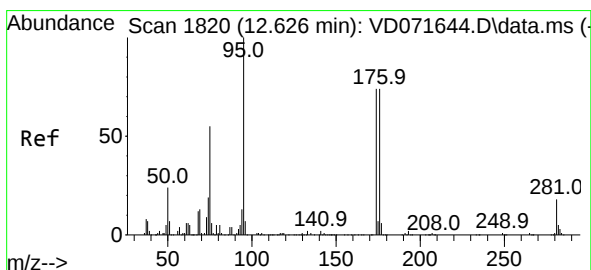
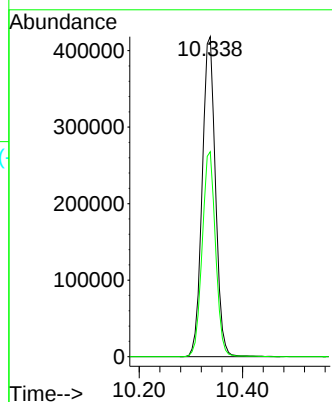
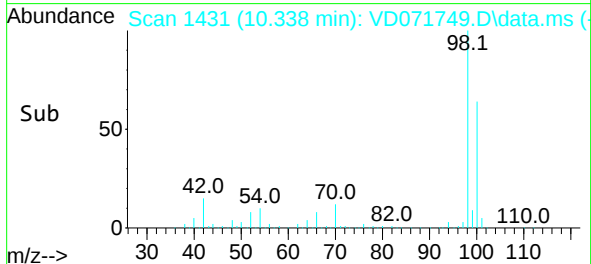


#50
Toluene-d8
Concen: 53.167 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

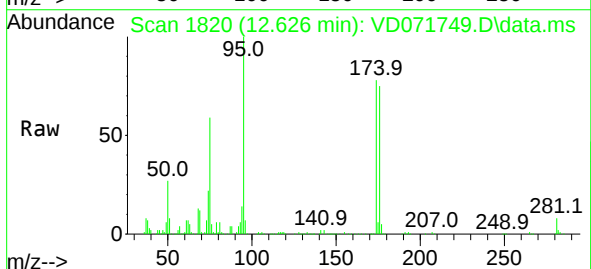
Instrument :
MSVOA_D
ClientSampleId :



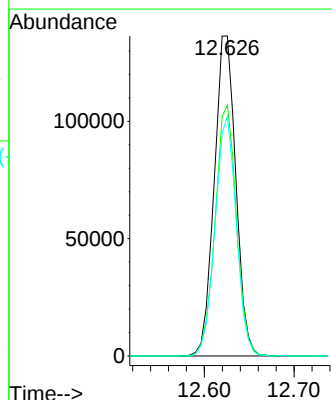
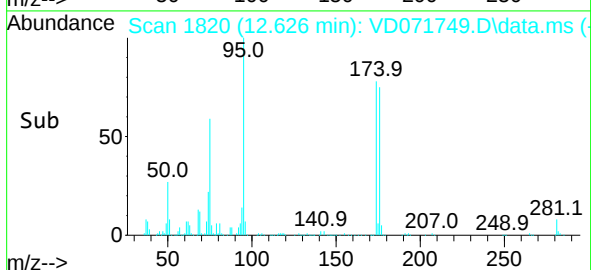
Tgt Ion: 98 Resp: 745237
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

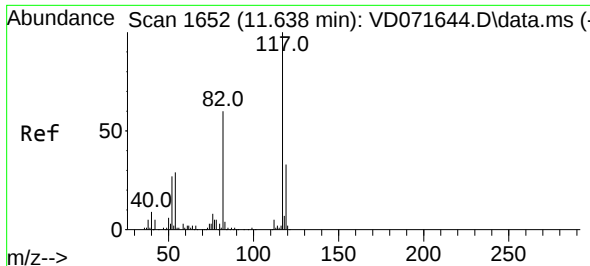


#62
4-Bromofluorobenzene
Concen: 46.150 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36



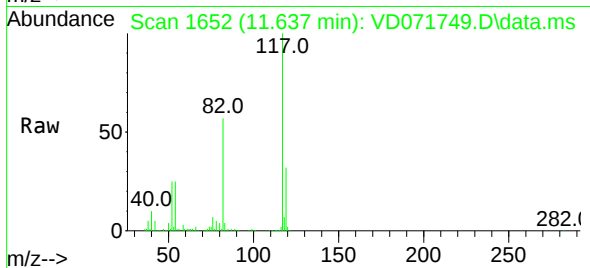
Tgt Ion: 95 Resp: 227943
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.0
176 73.3 0.0 146.4



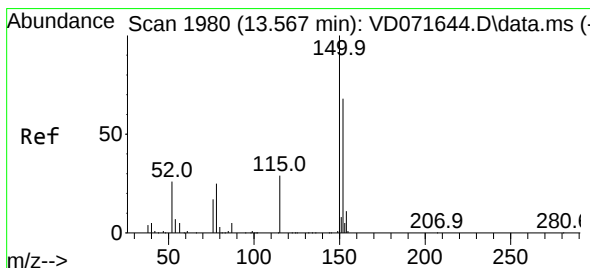
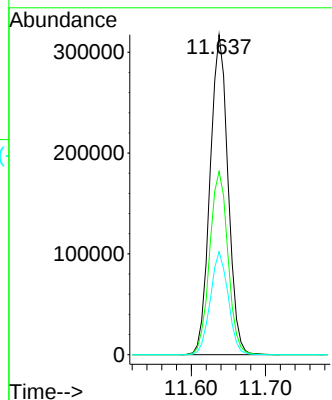
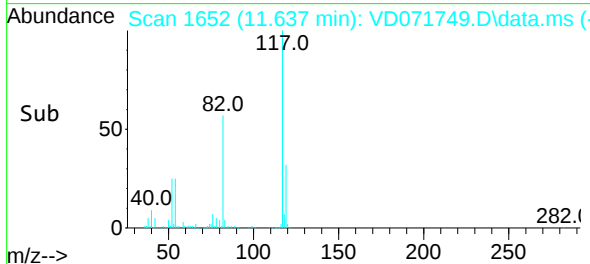


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

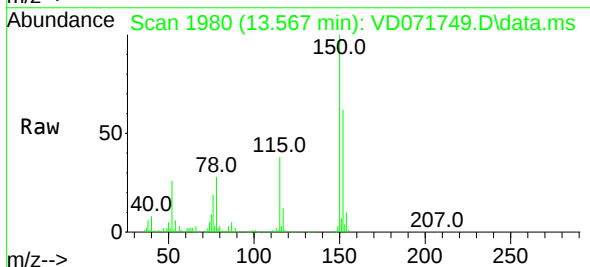
Instrument :
MSVOA_D
ClientSampleId :



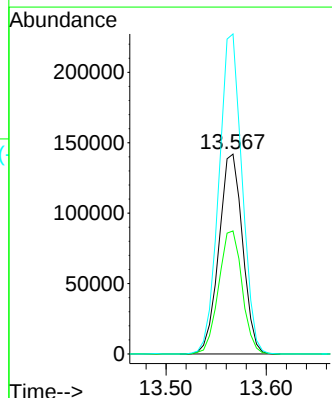
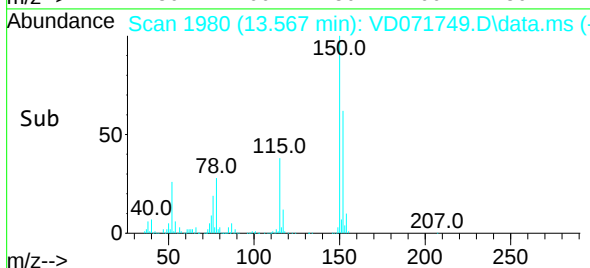
Tgt Ion:117 Resp: 534318
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 32.2 26.6 39.8

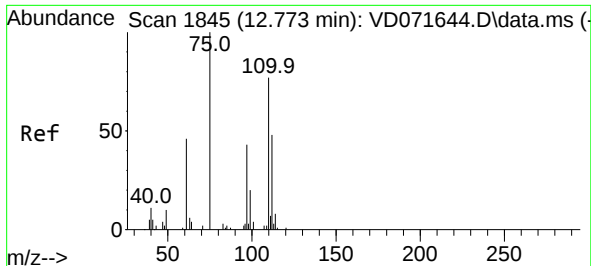


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36



Tgt Ion:152 Resp: 232435
Ion Ratio Lower Upper
152 100
115 61.1 31.5 94.5
150 156.8 0.0 348.0

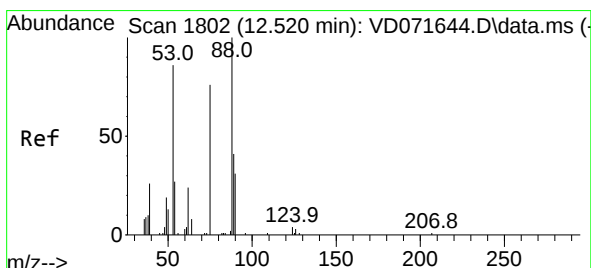
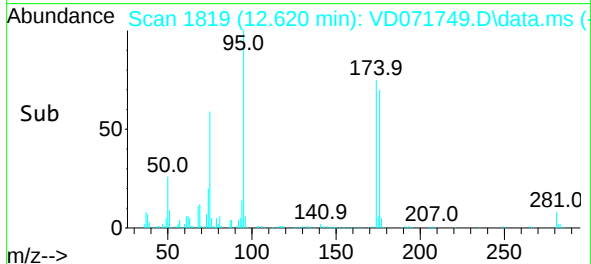
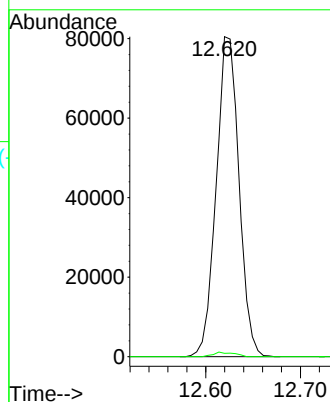
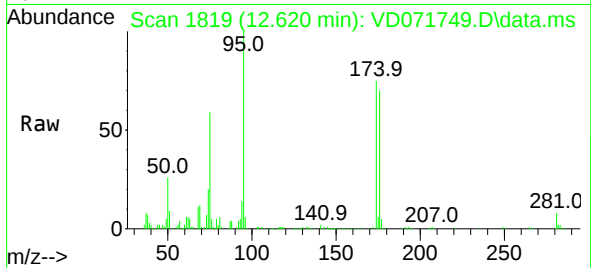




#76
1,2,3-Trichloropropane
Concen: 59.937 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 134617
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.098 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071749.D
Acq: 19 Jan 2022 17:36

Tgt Ion: 75 Resp: 134617
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

