

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071661.D
 Acq On : 10 Jan 2022 17:00
 Operator : VA/SY
 Sample : N1076-07RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:09:32 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)

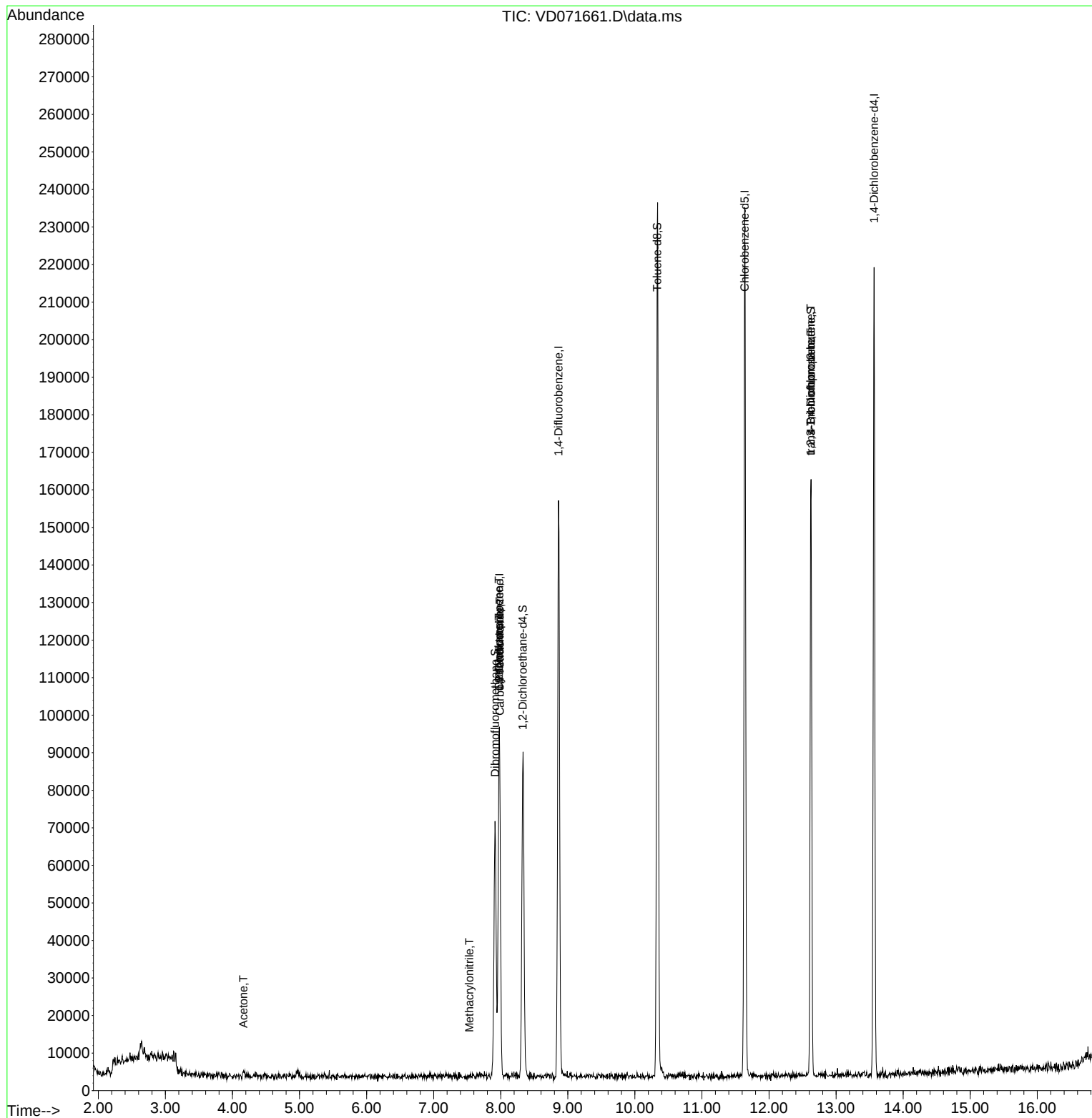
Internal Standards						
1) Pentafluorobenzene	7.979	168	63694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	119885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	117853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70190	85.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.280%#	
35) Dibromofluoromethane	7.914	113	44440	56.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.180%	
50) Toluene-d8	10.332	98	151712	51.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.626	95	48876	46.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	282	Below Cal	#	15
11) Tert butyl alcohol	5.156	59	58	Below Cal	#	1
16) Acetone	4.162	43	1928	10.189	ug/l #	49
18) Methyl Acetate	4.709	43	55	Below Cal	#	56
20) Methylene Chloride	4.979	84	876	Below Cal	#	54
31) Cyclohexane	7.973	56	2120	2.178	ug/l #	25
36) 1,1-Dichloropropene	7.973	75	6197	5.483	ug/l #	53
38) Carbon Tetrachloride	7.985	117	6775	5.919	ug/l #	21
41) Methacrylonitrile	7.532	41	72	1.348	ug/l #	44
76) 1,2,3-Trichloropropane	12.620	75	29342	61.466	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	29342	171.360	ug/l #	3

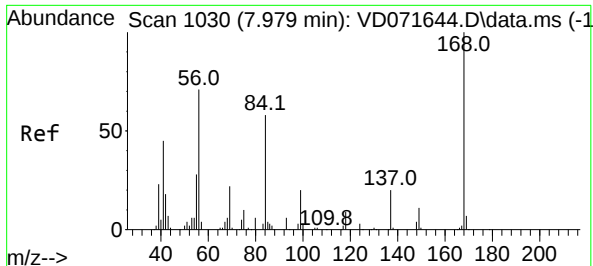
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 11 04:09:32 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

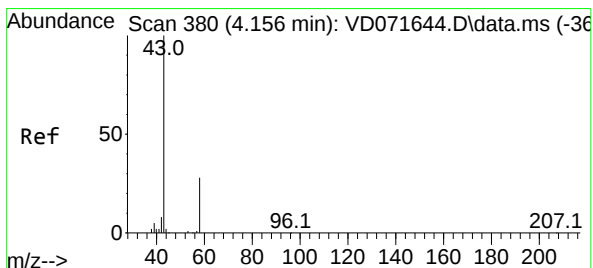
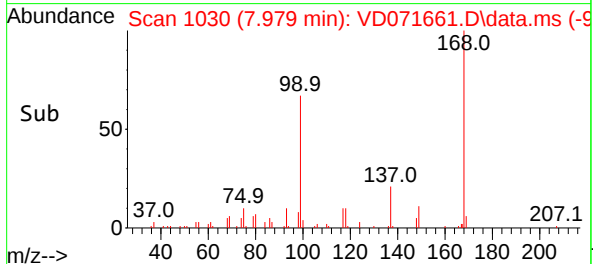
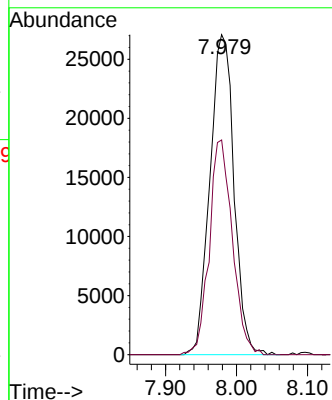
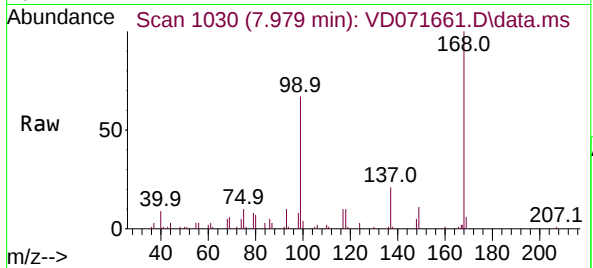




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

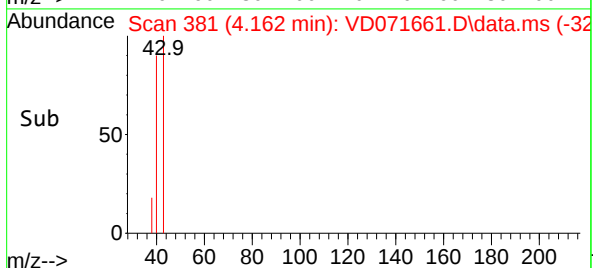
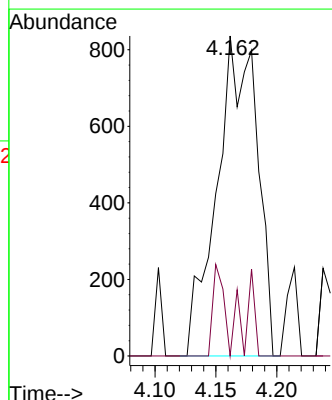
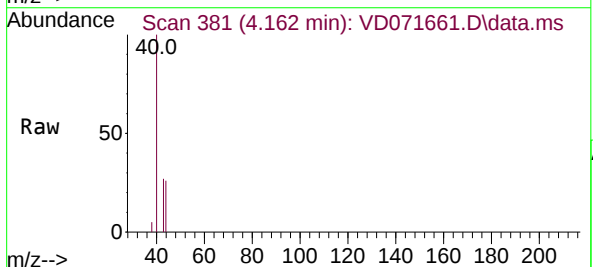
Instrument :
MSVOA_D
ClientSampleId :

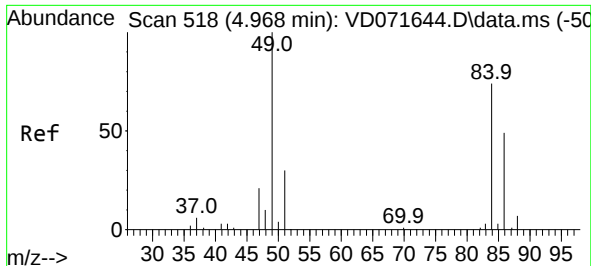
Tgt Ion:168 Resp: 63694
Ion Ratio Lower Upper
168 100
99 67.1 51.8 77.6



#16
Acetone
Concen: 10.189 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

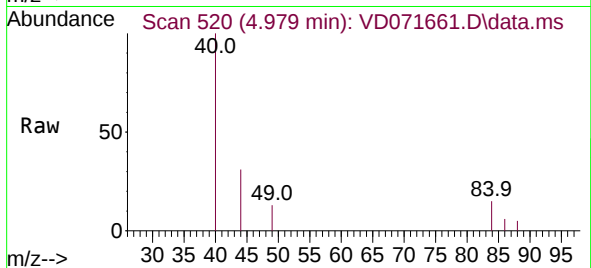
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



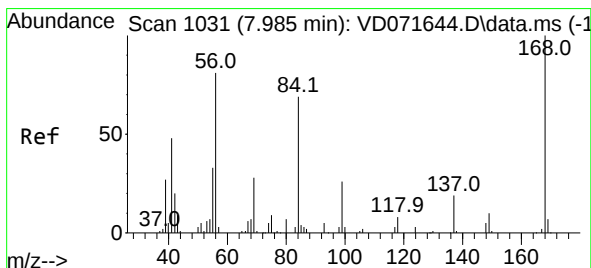
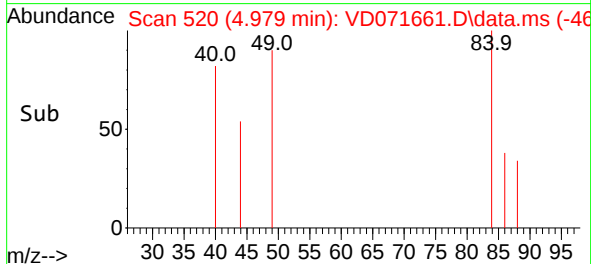
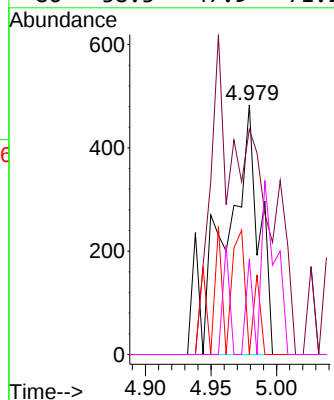


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :

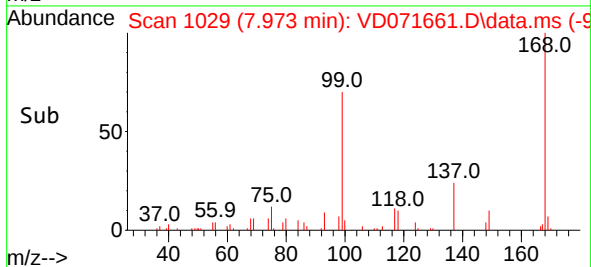
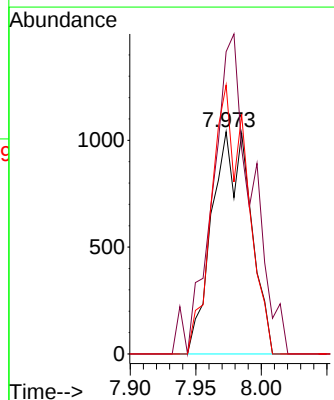
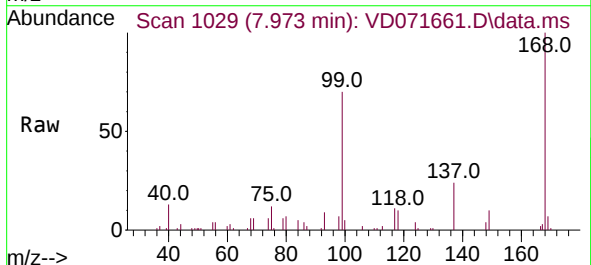


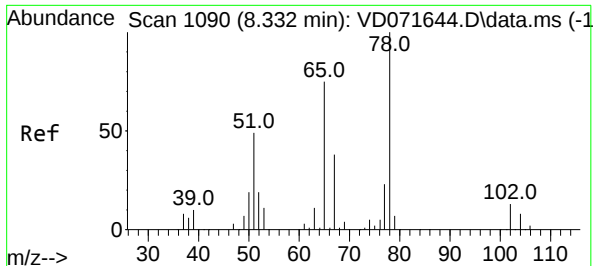
Tgt Ion:	84	Resp:	876
Ion	Ratio	Lower	Upper
84	100		
49	90.3	118.6	178.0#
51	0.0	37.8	56.6#
86	38.3	47.9	71.9#



#31
Cyclohexane
Concen: 2.178 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

Tgt Ion:	56	Resp:	2120
Ion	Ratio	Lower	Upper
56	100		
69	114.7	21.7	32.5#
84	121.1	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 85.643 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071661.D

Acq: 10 Jan 2022 17:00

Instrument :

MSVOA_D

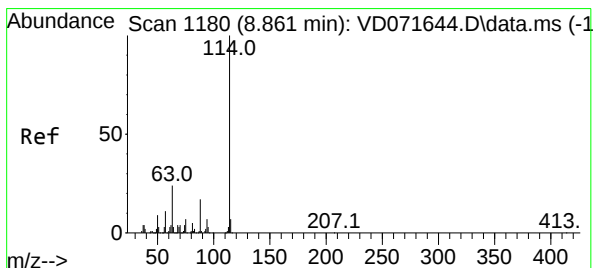
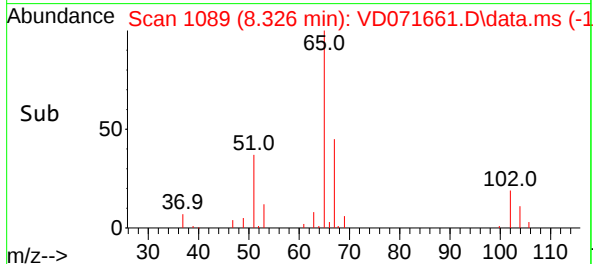
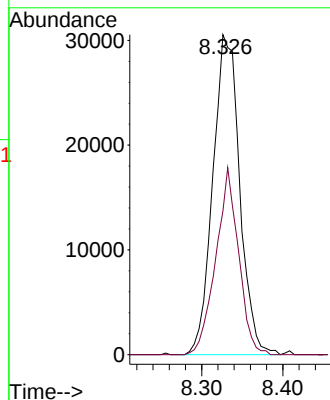
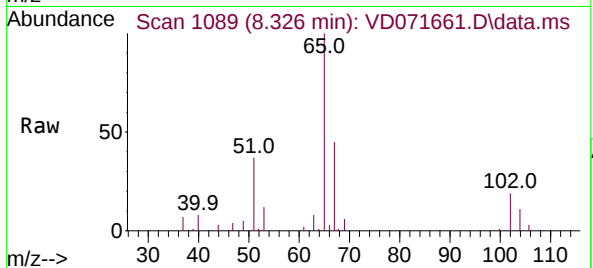
ClientSampleId :

Tgt Ion: 65 Resp: 70190

Ion Ratio Lower Upper

65 100

67 49.6 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: VD071661.D

Acq: 10 Jan 2022 17:00

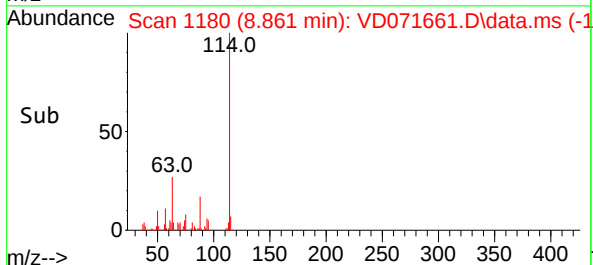
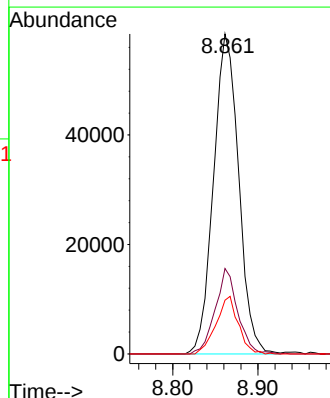
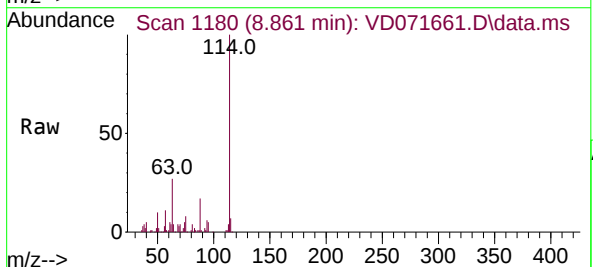
Tgt Ion: 114 Resp: 119885

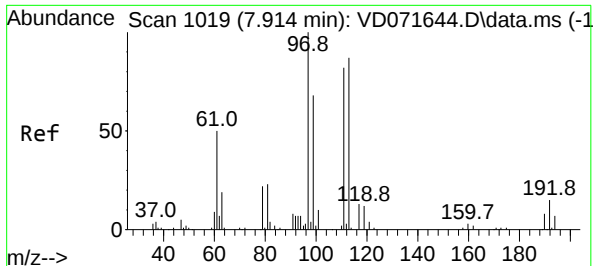
Ion Ratio Lower Upper

114 100

63 26.7 0.0 46.2

88 16.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 56.091 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071661.D

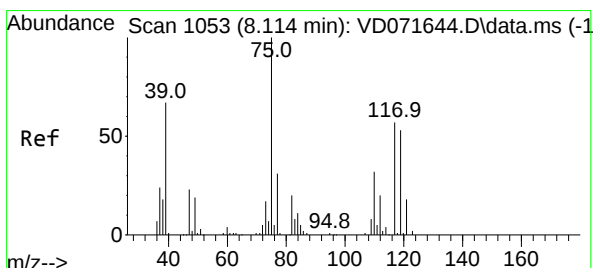
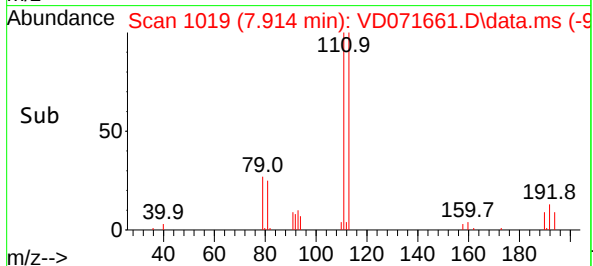
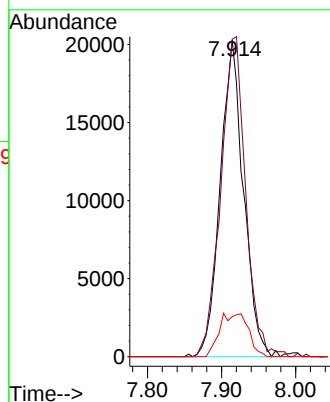
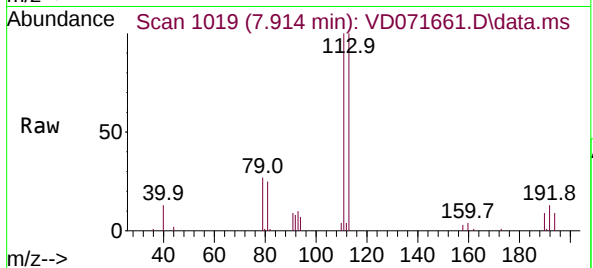
Acq: 10 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	44440
Ion	Ratio	Lower	Upper
113	100		
111	107.1	82.2	123.4
192	16.7	14.2	21.2



#36

1,1-Dichloropropene

Concen: 5.483 ug/l

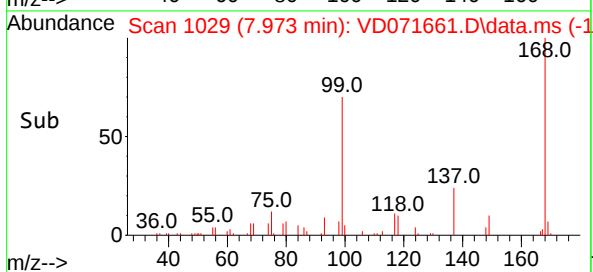
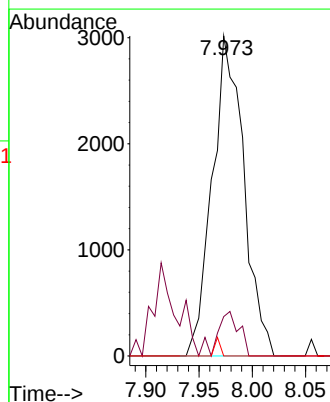
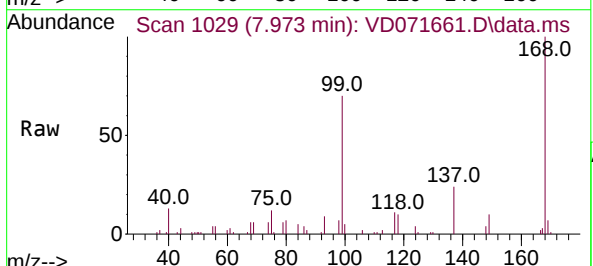
RT: 7.973 min Scan# 1029

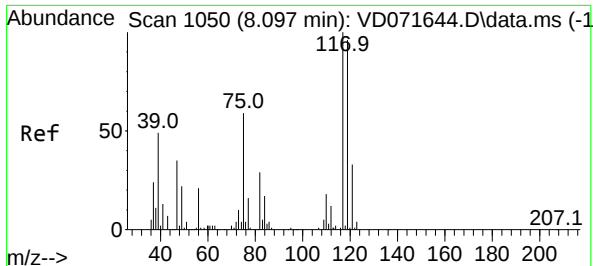
Delta R.T. -0.141 min

Lab File: VD071661.D

Acq: 10 Jan 2022 17:00

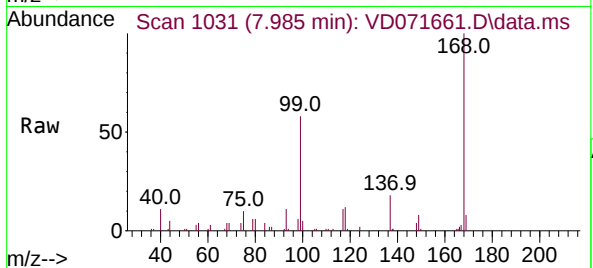
Tgt Ion:	75	Resp:	6197
Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.0	48.0#
77	1.0	24.5	36.7#



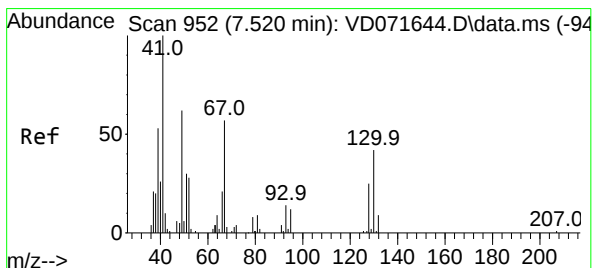
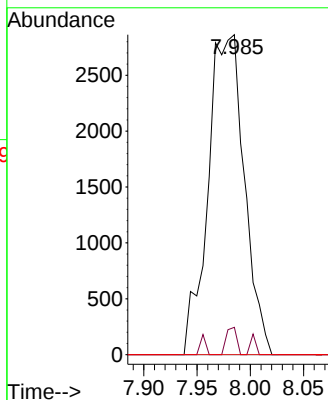
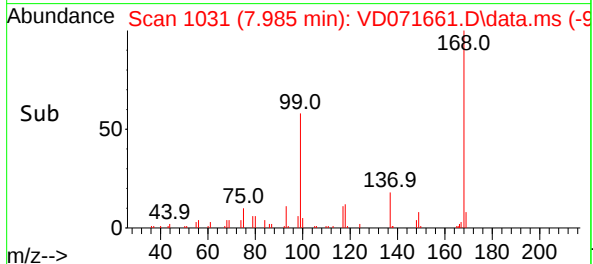


#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.111 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

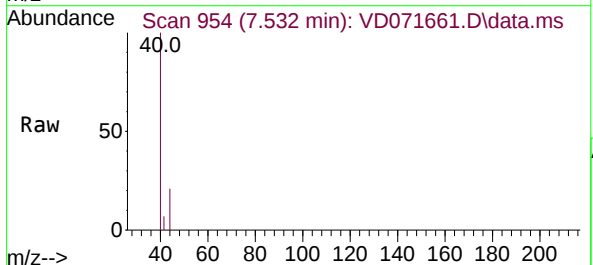
Instrument :
MSVOA_D
ClientSampleId :



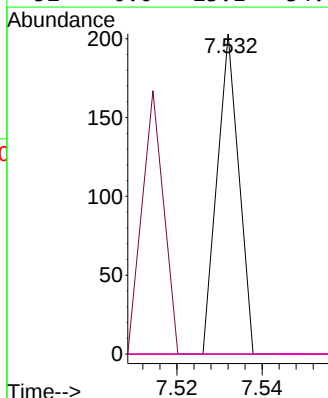
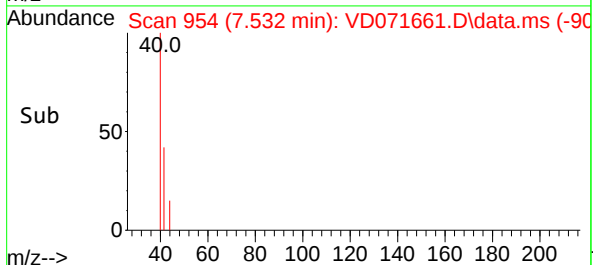
Tgt Ion:117 Resp: 6775
Ion Ratio Lower Upper
117 100
119 8.6 73.4 110.2#
121 0.0 23.9 35.9#

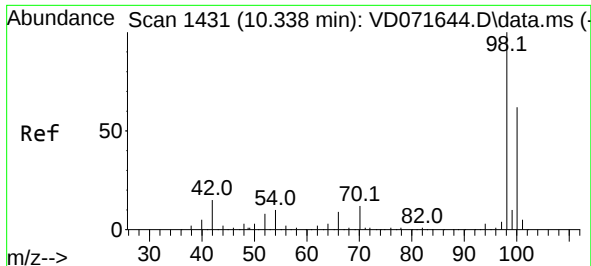


#41
Methacrylonitrile
Concen: 1.348 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.012 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00



Tgt Ion: 41 Resp: 72
Ion Ratio Lower Upper
41 100
39 81.9 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

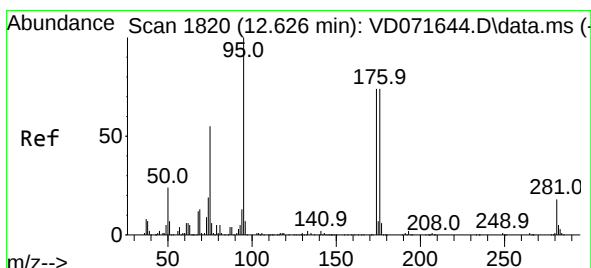
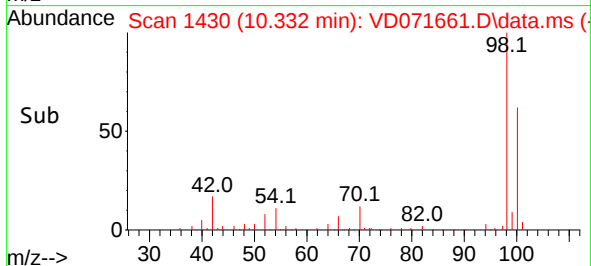
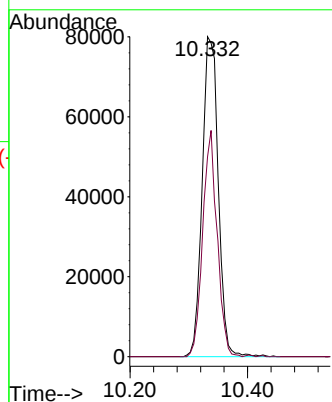
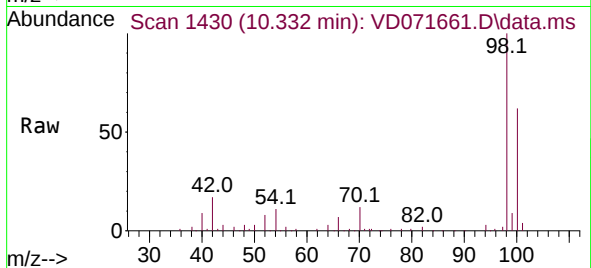




#50
Toluene-d8
Concen: 51.154 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

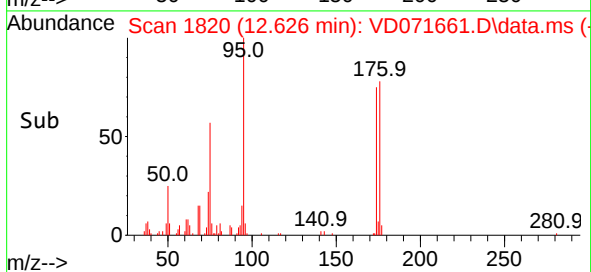
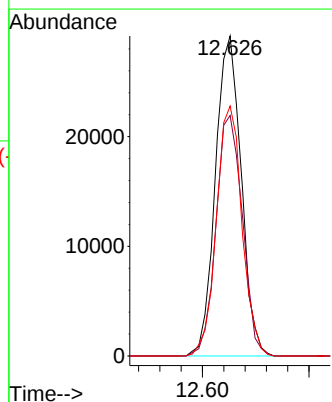
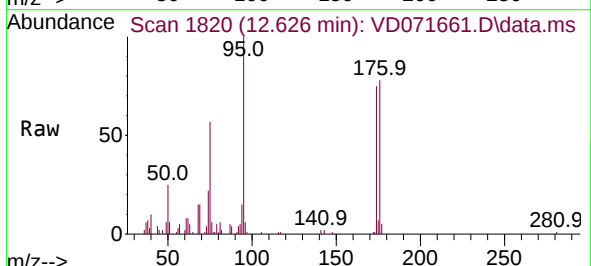
Instrument :
MSVOA_D
ClientSampleId :

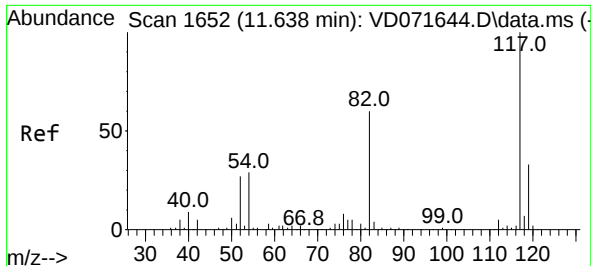
Tgt Ion: 98 Resp: 151712
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

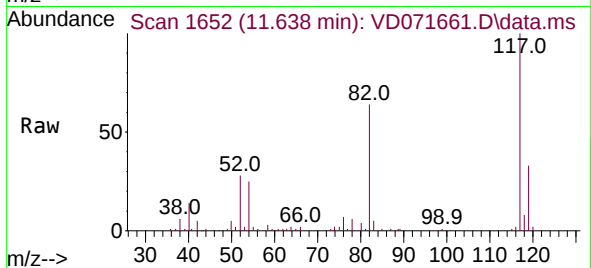
Tgt Ion: 95 Resp: 48876
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.0
176 77.6 0.0 146.4



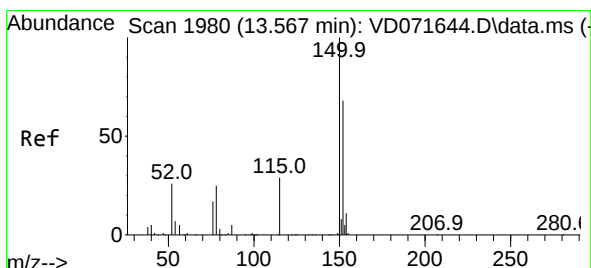
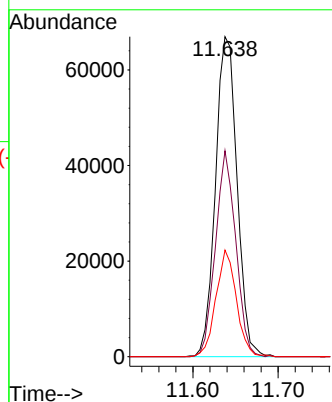
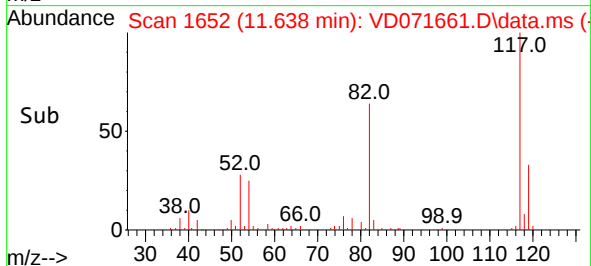


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117853
Delta R.T. 0.001 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

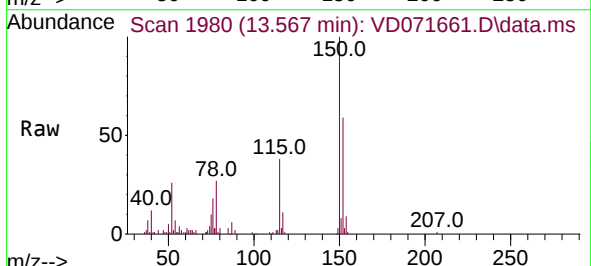
Instrument :
MSVOA_D
ClientSampleId :



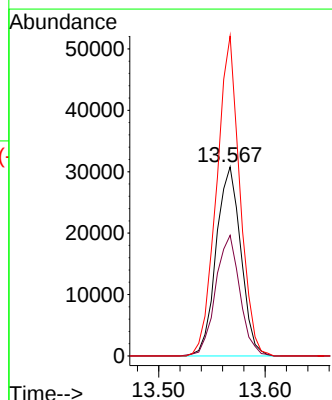
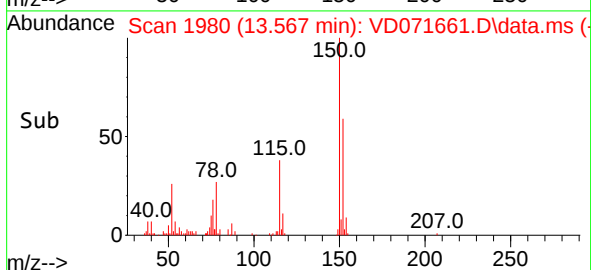
Tgt Ion:117 Resp: 117853
Ion Ratio Lower Upper
117 100
82 64.4 46.9 70.3
119 33.3 26.6 39.8

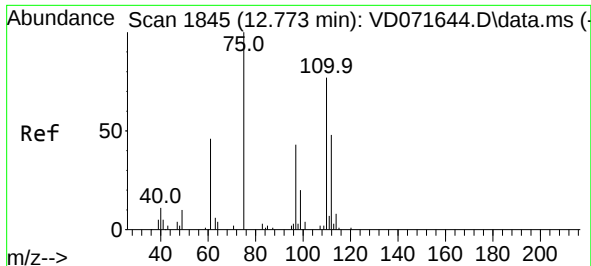


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00



Tgt Ion:152 Resp: 49403
Ion Ratio Lower Upper
152 100
115 62.9 31.5 94.5
150 159.5 0.0 348.0

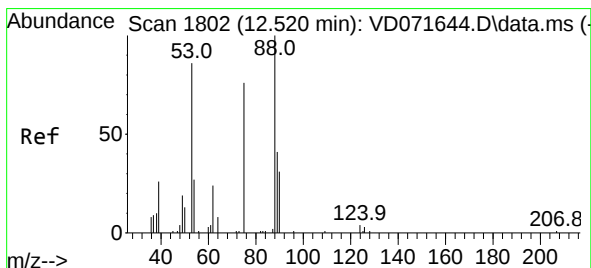
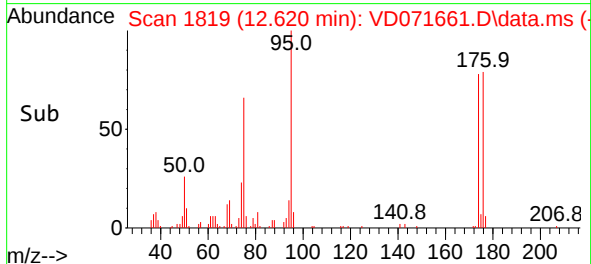
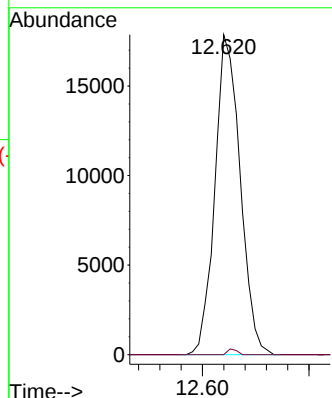
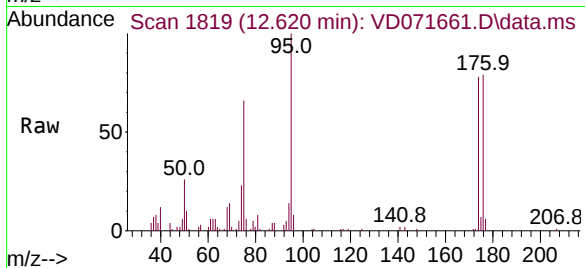




#76
1,2,3-Trichloropropane
Concen: 61.466 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 29342
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.360 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071661.D
Acq: 10 Jan 2022 17:00

Tgt Ion: 75 Resp: 29342
Ion Ratio Lower Upper
75 100
53 0.2 95.4 143.0#
89 0.0 37.2 55.8#

