

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071657.D
 Acq On : 10 Jan 2022 15:09
 Operator : VA/SY
 Sample : N1076-07
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:08:32 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)

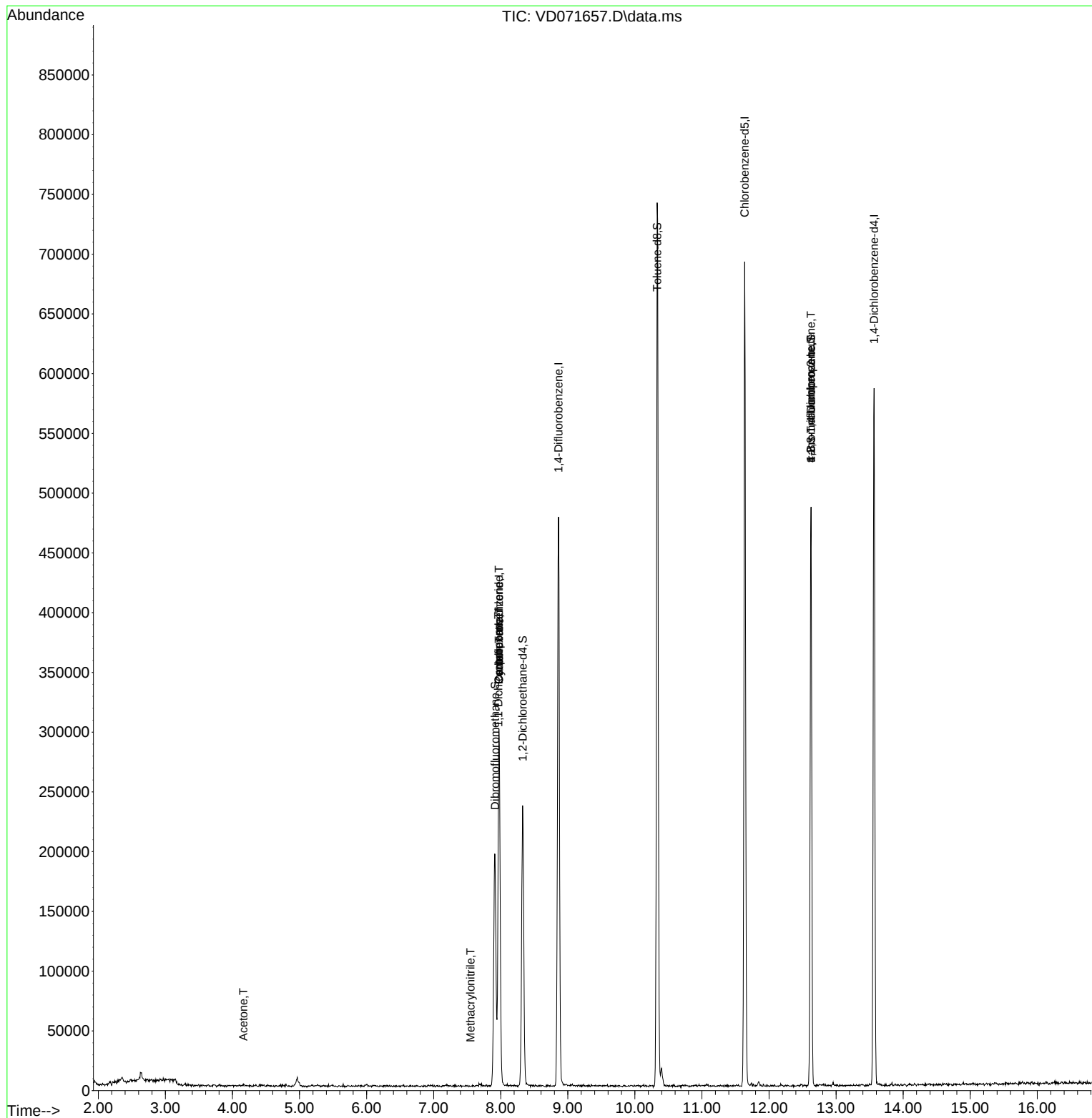
Internal Standards						
1) Pentafluorobenzene	7.973	168	201336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	380807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	348058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	140751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186262	71.899	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	143.800%	
35) Dibromofluoromethane	7.914	113	140508	55.831	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.660%	
50) Toluene-d8	10.332	98	473348	50.246	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	100.500%	
62) 4-Bromofluorobenzene	12.626	95	151696	45.697	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	91.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	66	Below Cal	#	43
3) Chloromethane	2.215	50	620	Below Cal	#	43
5) Bromomethane	2.785	94	599	Below Cal		84
11) Tert butyl alcohol	5.168	59	187	Below Cal	#	75
16) Acetone	4.162	43	1051	1.757	ug/l #	2
18) Methyl Acetate	4.715	43	59	Below Cal	#	56
20) Methylene Chloride	4.968	84	2972	Below Cal	#	66
31) Cyclohexane	7.973	56	6714	2.181	ug/l #	31
36) 1,1-Dichloropropene	7.967	75	20434	5.692	ug/l #	48
38) Carbon Tetrachloride	7.973	117	22717	6.249	ug/l #	20
41) Methacrylonitrile	7.550	41	165	1.287	ug/l #	34
76) 1,2,3-Trichloropropane	12.626	75	85757	63.055	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	85757	175.789	ug/l #	3

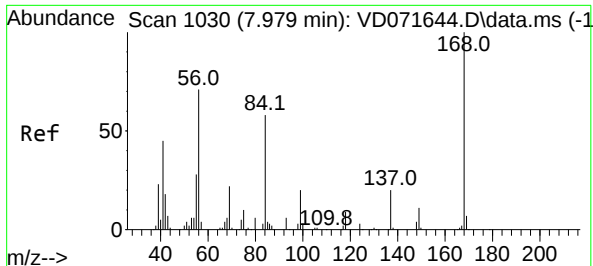
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Jan 11 04:08:32 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

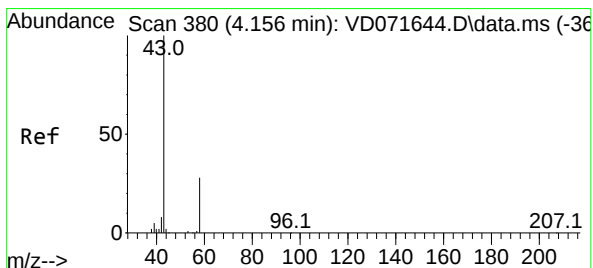
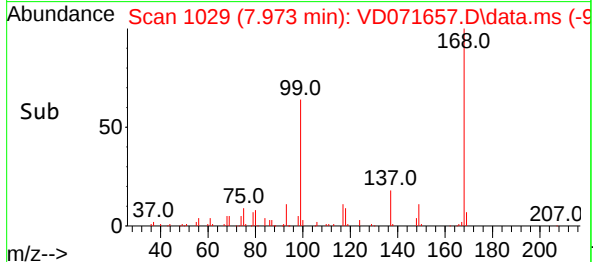
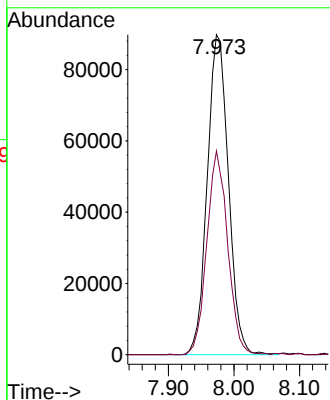
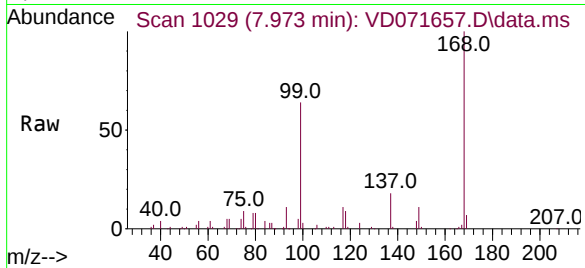




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

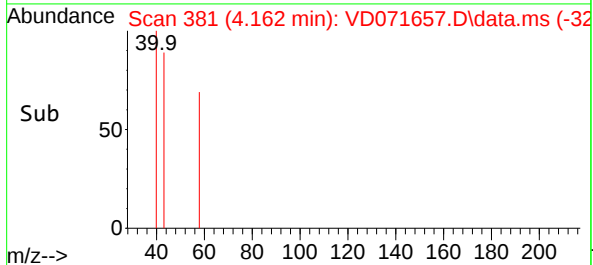
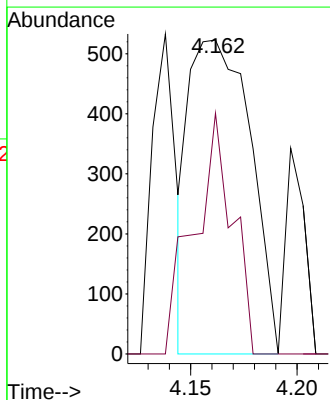
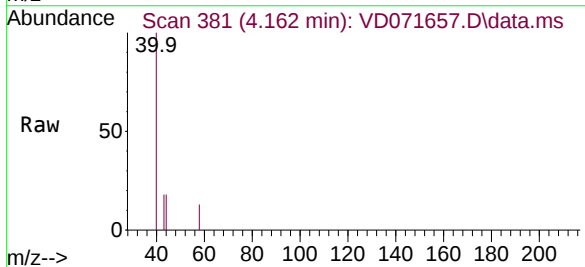
Instrument :
MSVOA_D
ClientSampleId :

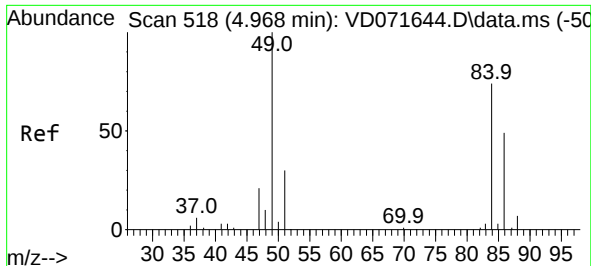
Tgt Ion:168 Resp: 201336
Ion Ratio Lower Upper
168 100
99 63.6 51.8 77.6



#16
Acetone
Concen: 1.757 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

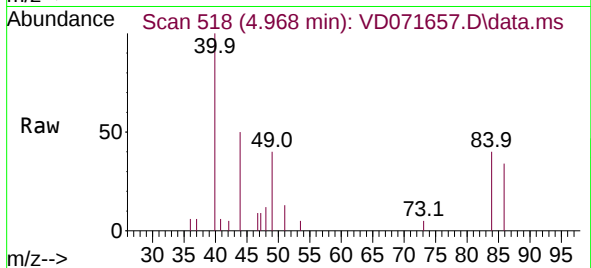
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 76.7 21.0 31.6#





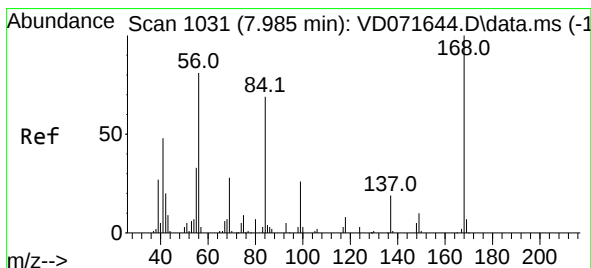
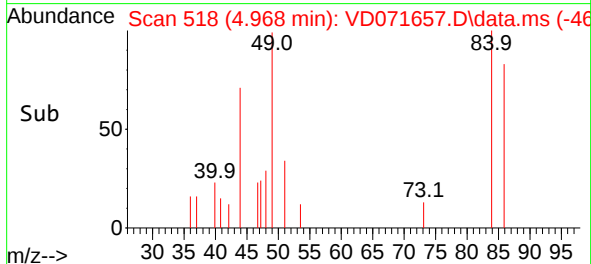
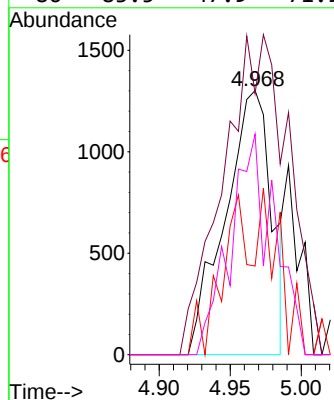
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 2972

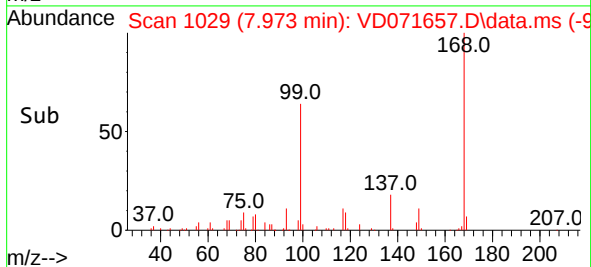
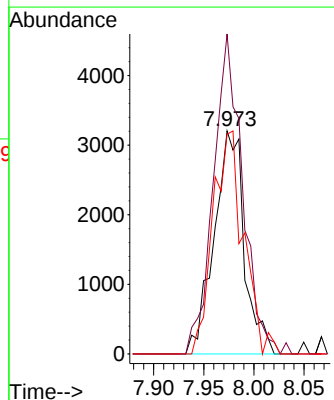
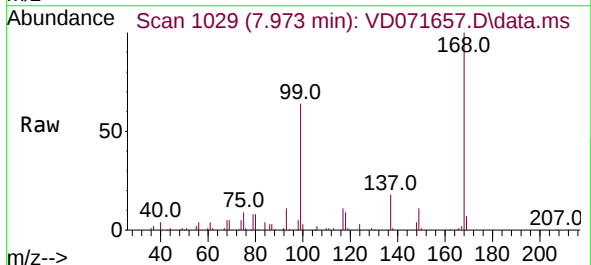
Ion	Ratio	Lower	Upper
84	100		
49	98.8	118.6	178.0#
51	33.6	37.8	56.6#
86	83.5	47.9	71.9#

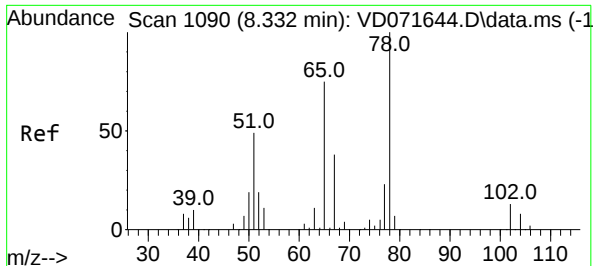


#31
Cyclohexane
Concen: 2.181 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Tgt Ion: 56 Resp: 6714

Ion	Ratio	Lower	Upper
56	100		
69	143.5	21.7	32.5#
84	98.5	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 71.899 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071657.D

Acq: 10 Jan 2022 15:09

Instrument :

MSVOA_D

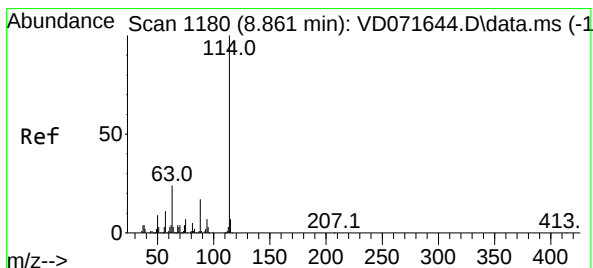
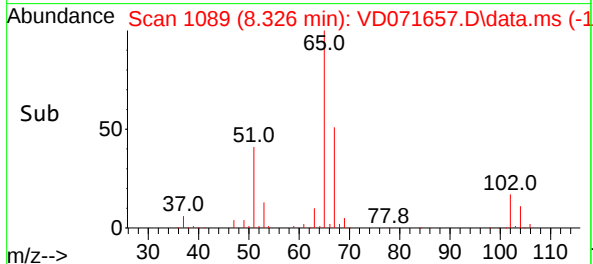
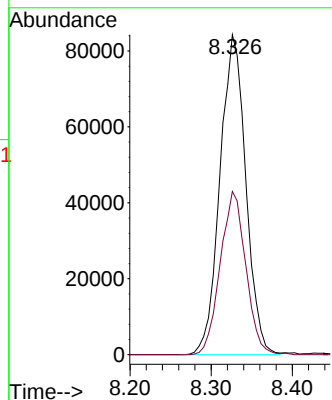
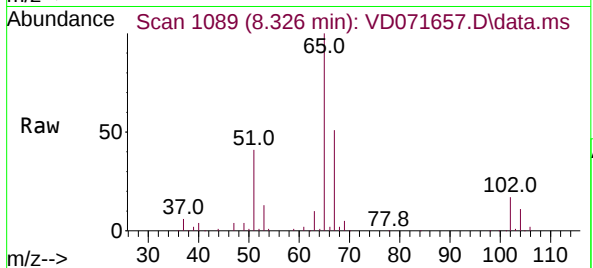
ClientSampleId :

Tgt Ion: 65 Resp: 186262

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071657.D

Acq: 10 Jan 2022 15:09

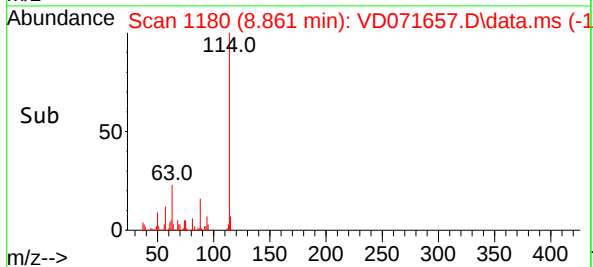
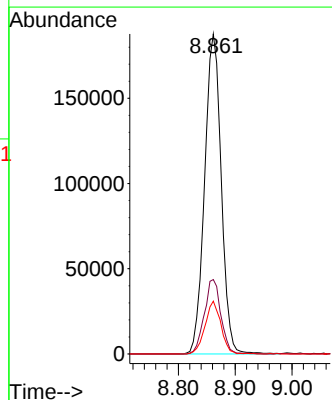
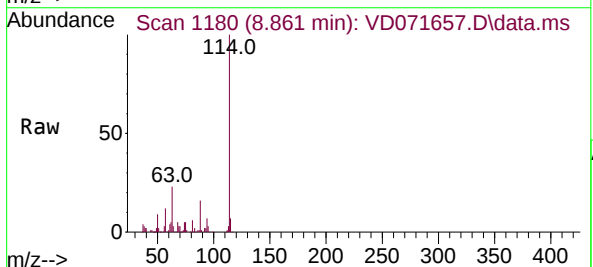
Tgt Ion: 114 Resp: 380807

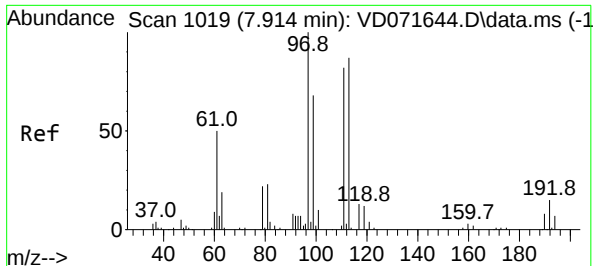
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 55.831 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

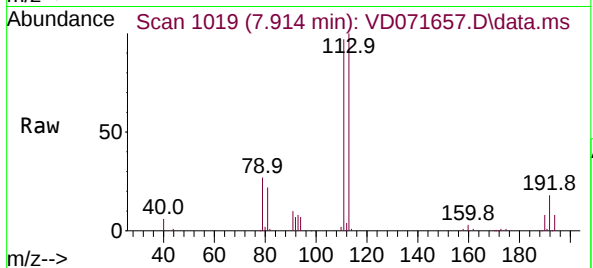
Lab File: VD071657.D

Acq: 10 Jan 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :



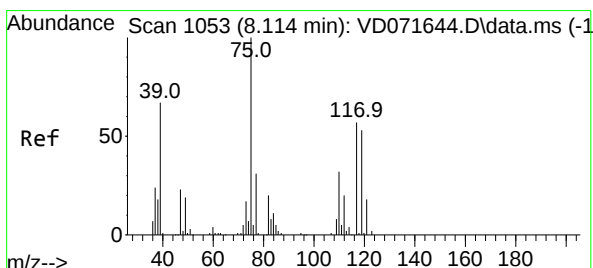
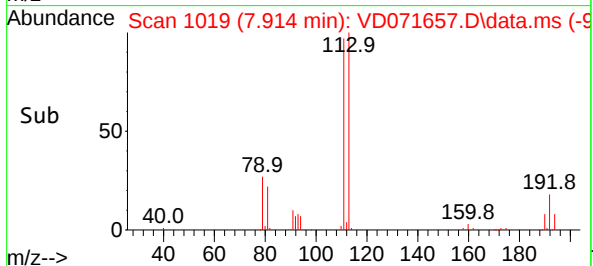
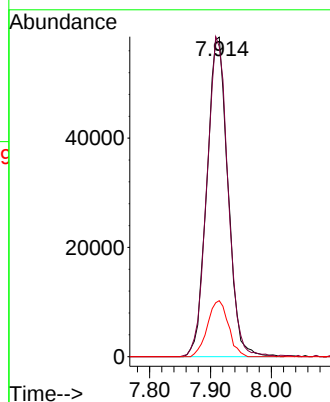
Tgt Ion:113 Resp: 140508

Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.692 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.147 min

Lab File: VD071657.D

Acq: 10 Jan 2022 15:09

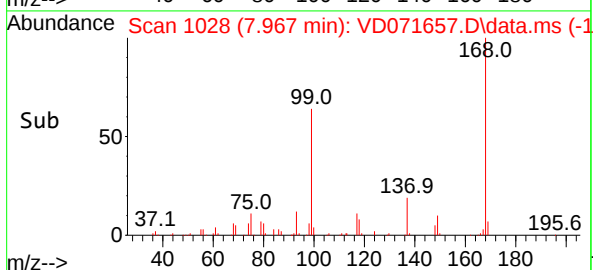
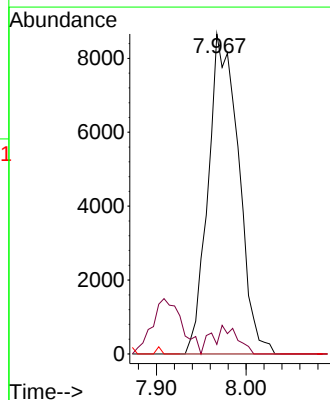
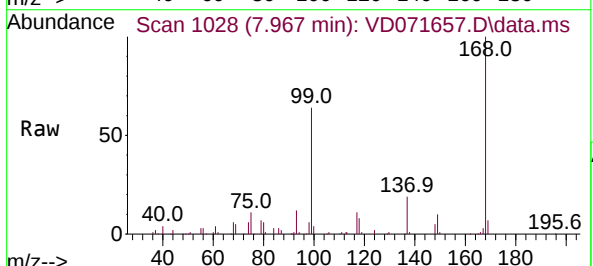
Tgt Ion: 75 Resp: 20434

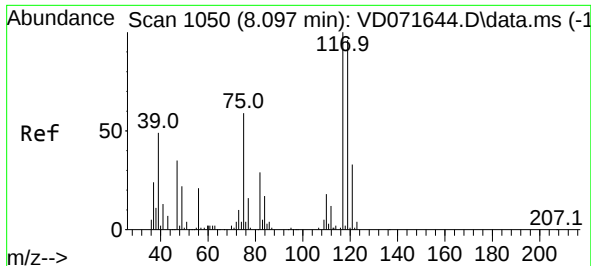
Ion Ratio Lower Upper

75 100

110 5.0 16.0 48.0#

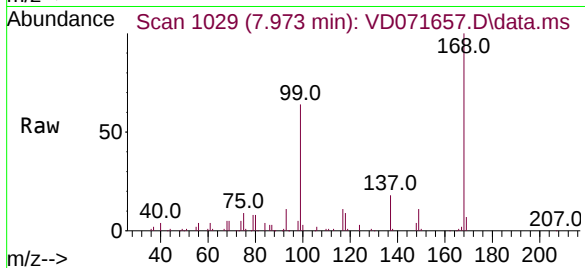
77 0.0 24.5 36.7#



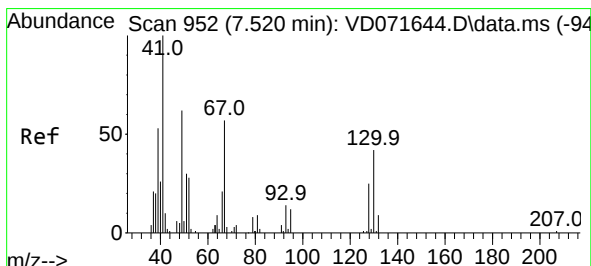
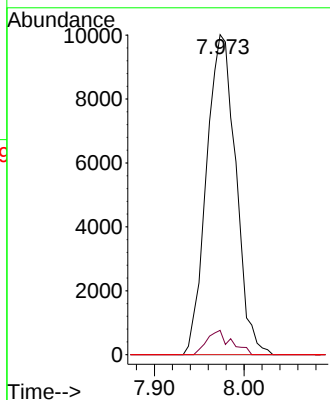
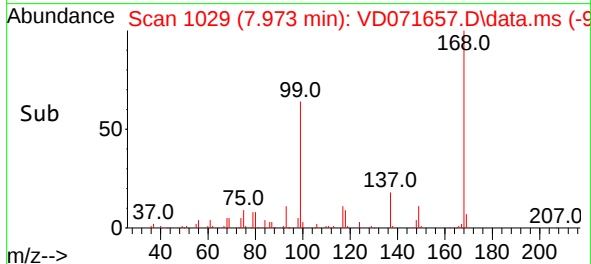


#38
Carbon Tetrachloride
Concen: 6.249 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :

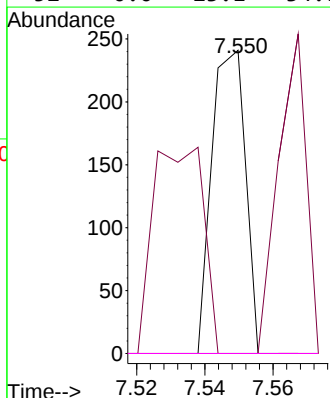
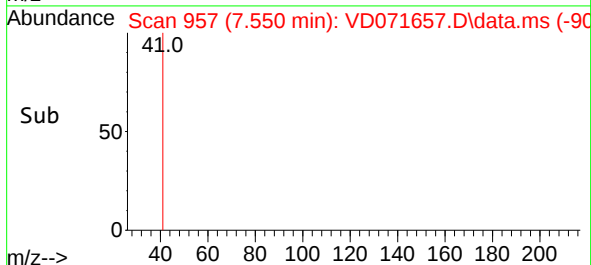
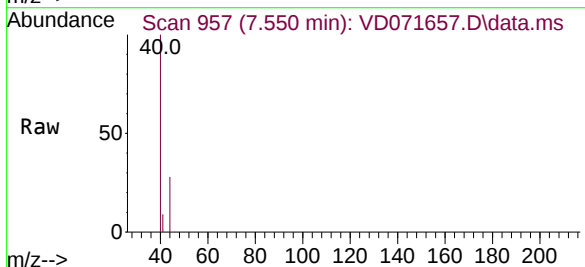


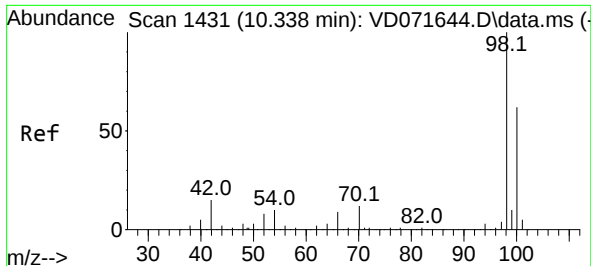
Tgt Ion:117 Resp: 22717
Ion Ratio Lower Upper
117 100
119 7.6 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.287 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.030 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Tgt Ion: 41 Resp: 165
Ion Ratio Lower Upper
41 100
39 101.8 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

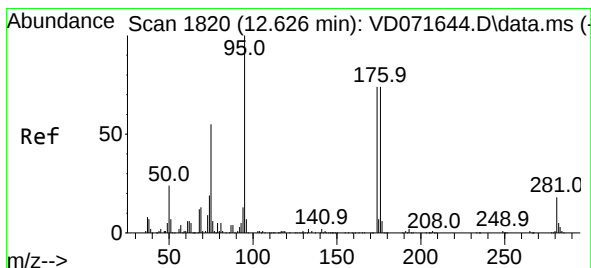
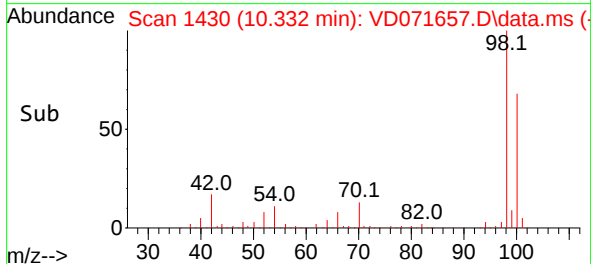
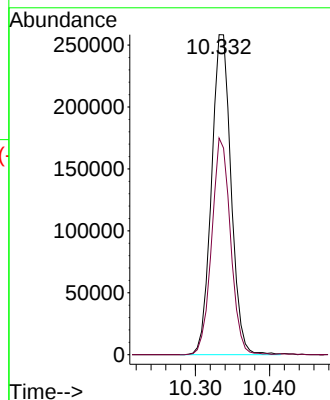
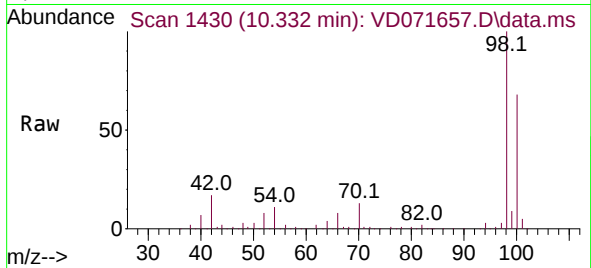




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

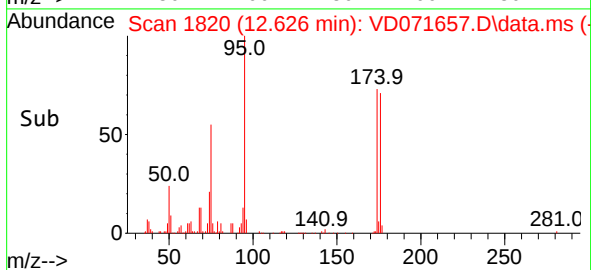
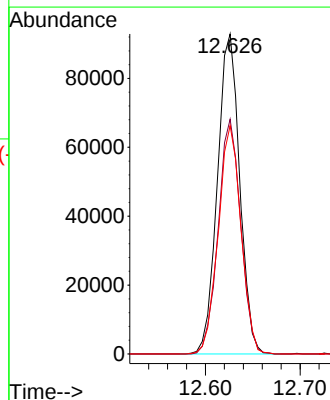
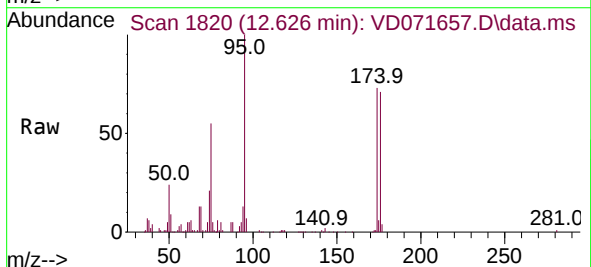
Instrument :
MSVOA_D
ClientSampleId :

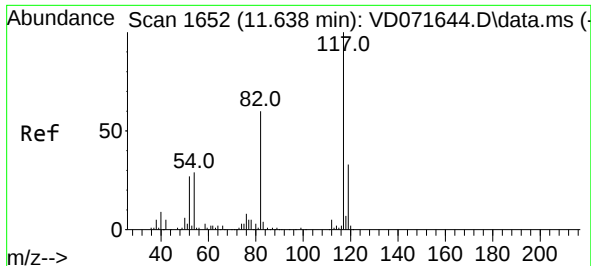
Tgt Ion: 98 Resp: 473348
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.697 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

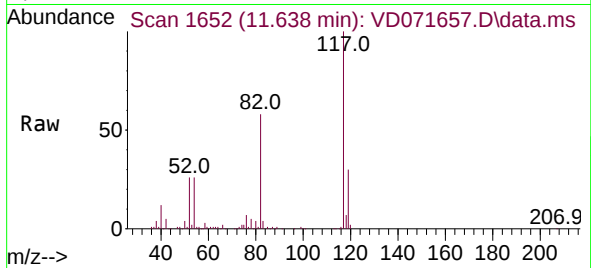
Tgt Ion: 95 Resp: 151696
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.0
176 72.8 0.0 146.4



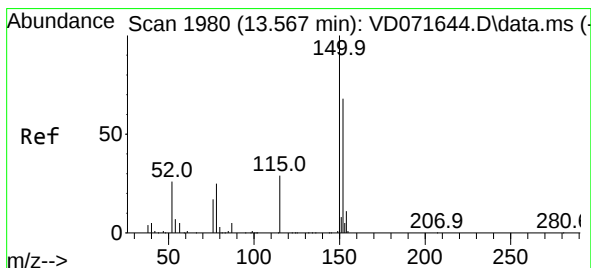
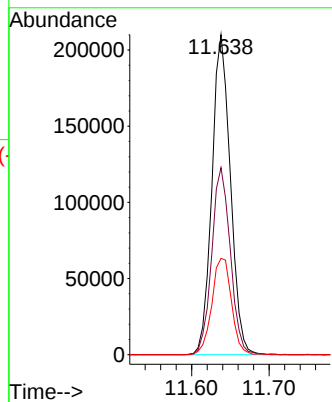
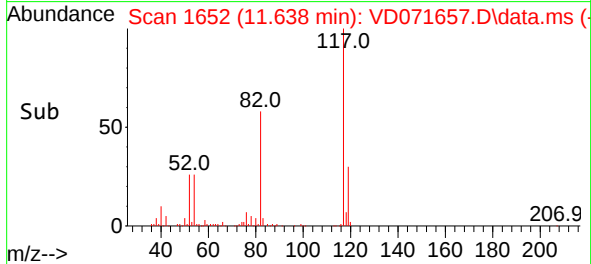


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

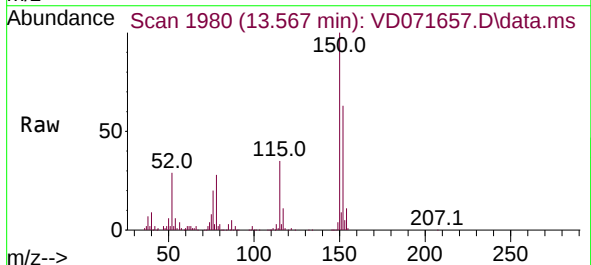
Instrument :
MSVOA_D
ClientSampleId :



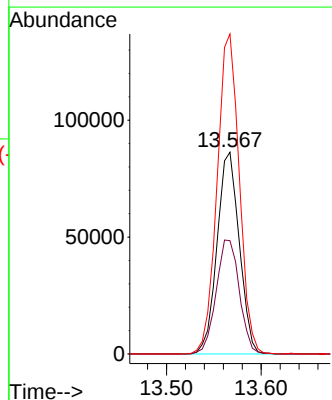
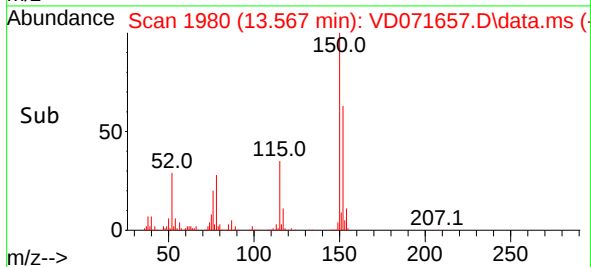
Tgt Ion:117 Resp: 348058
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 30.1 26.6 39.8

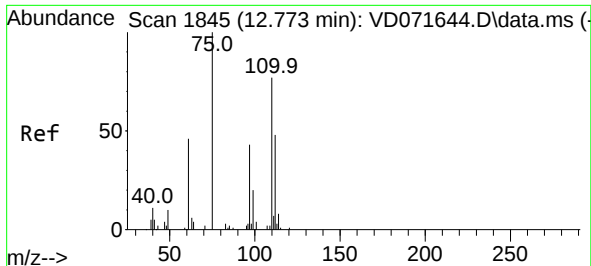


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09



Tgt Ion:152 Resp: 140751
Ion Ratio Lower Upper
152 100
115 59.1 31.5 94.5
150 157.9 0.0 348.0

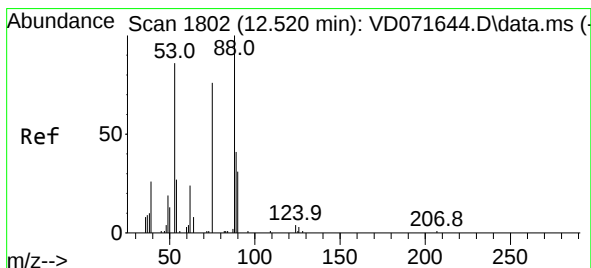
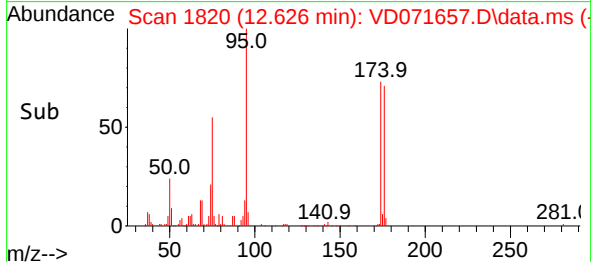
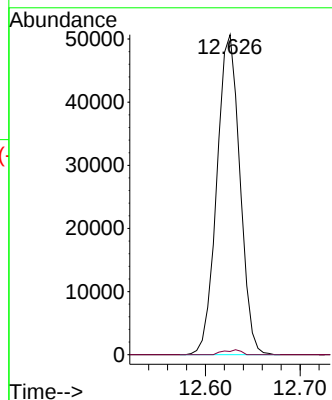
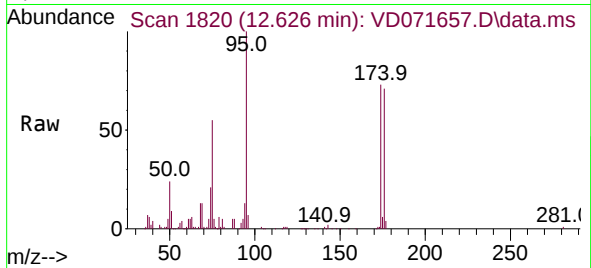




#76
1,2,3-Trichloropropane
Concen: 63.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 85757
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 175.789 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071657.D
Acq: 10 Jan 2022 15:09

Tgt Ion: 75 Resp: 85757
Ion Ratio Lower Upper
75 100
53 0.2 95.4 143.0#
89 0.1 37.2 55.8#

