

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071660.D
 Acq On : 10 Jan 2022 16:32
 Operator : VA/SY
 Sample : N1076-04RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:09:16 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)

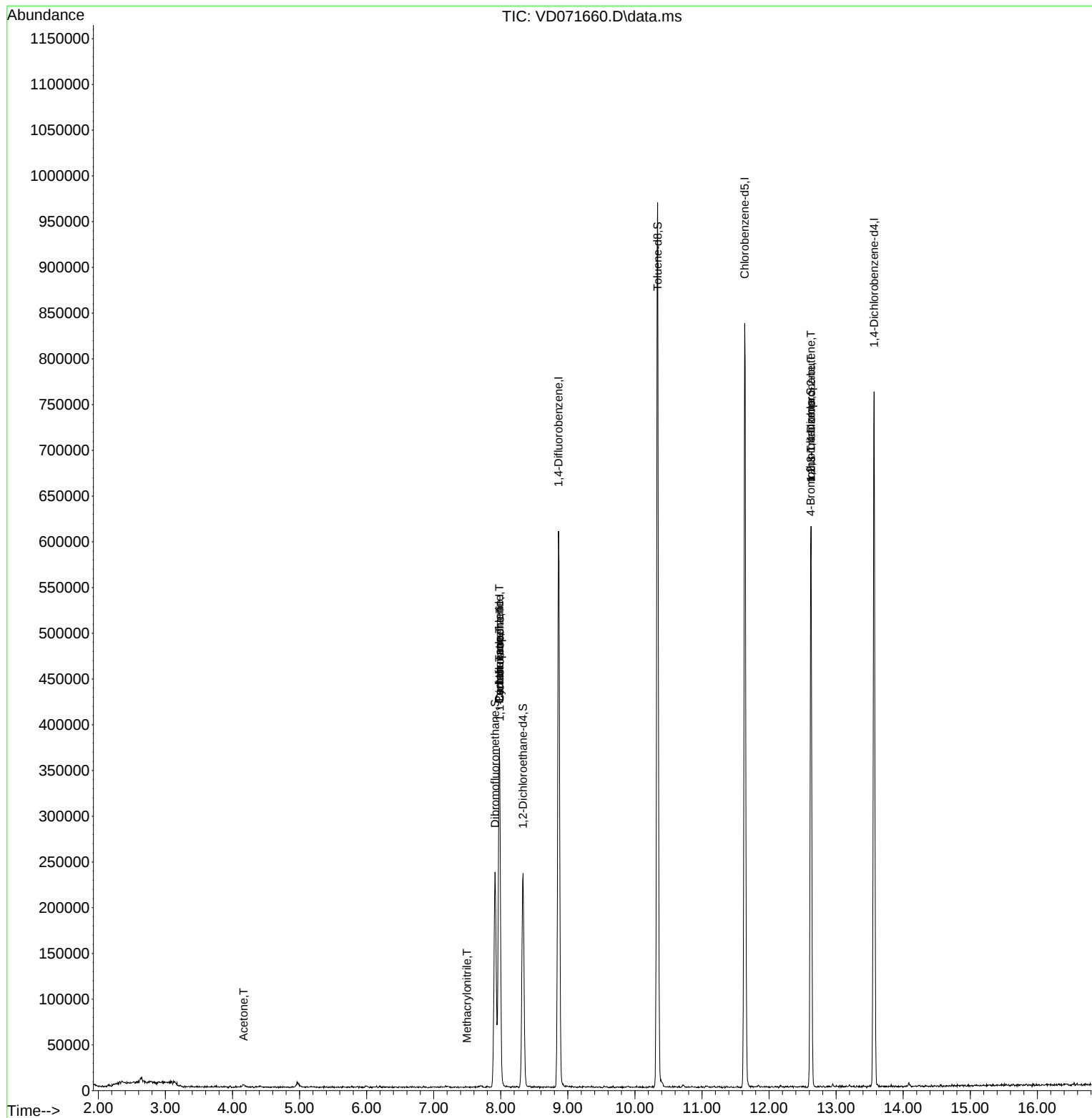
Internal Standards						
1) Pentafluorobenzene	7.979	168	254257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	476094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	181092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186955	57.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.914	113	159962	50.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.338	98	615055	52.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.620	95	189338	45.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	397	Below Cal	#	33
5) Bromomethane	2.791	94	1097	Below Cal		95
11) Tert butyl alcohol	5.209	59	204	Below Cal	#	75
16) Acetone	4.167	43	4369	5.784	ug/l #	78
18) Methyl Acetate	4.732	43	144	Below Cal	#	56
20) Methylene Chloride	4.961	84	1714	Below Cal	#	80
31) Cyclohexane	7.979	56	8163	2.112	ug/l #	49
36) 1,1-Dichloropropene	7.985	75	24558	5.472	ug/l #	52
38) Carbon Tetrachloride	7.979	117	28684	6.311	ug/l #	17
41) Methacrylonitrile	7.497	41	75	1.187	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	107572	61.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	107572	171.385	ug/l #	3

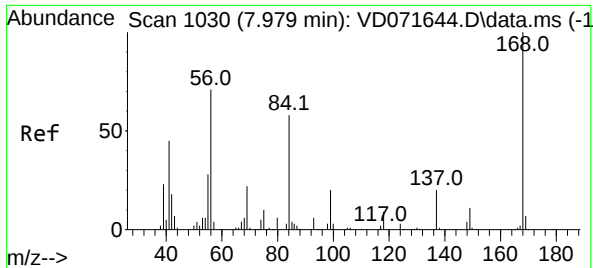
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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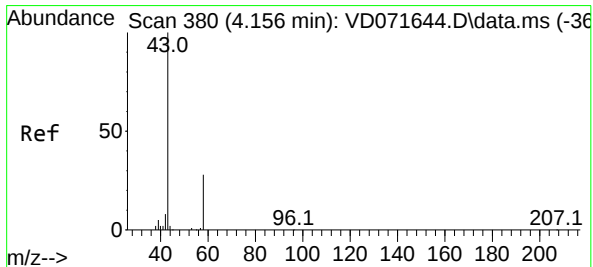
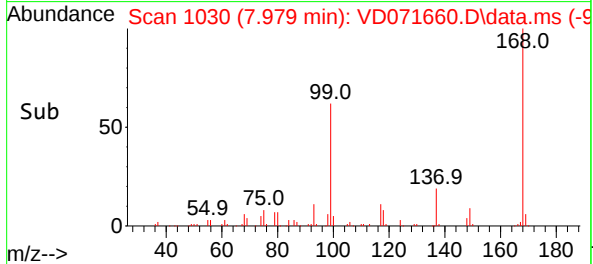
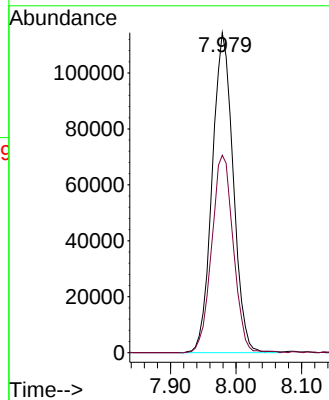
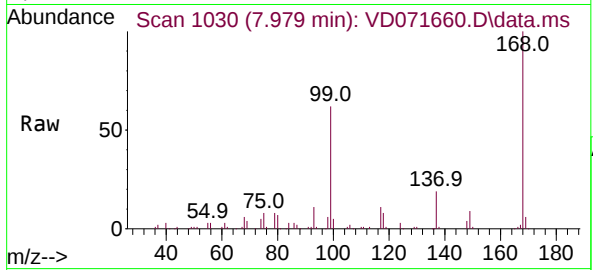




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

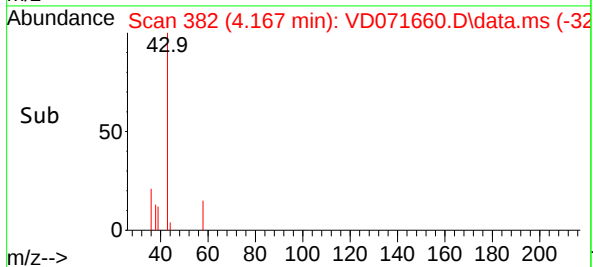
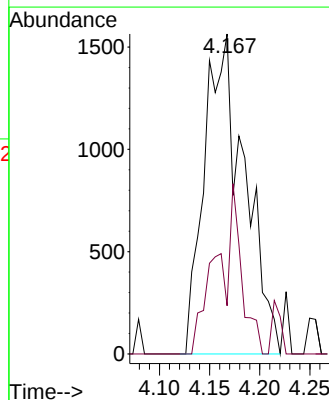
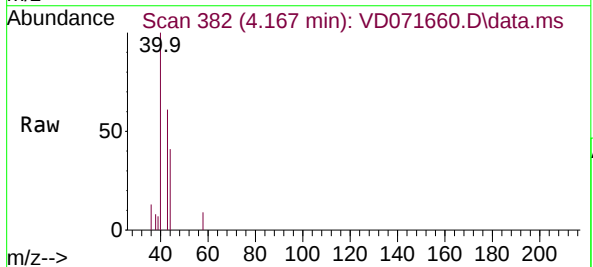
Instrument :
MSVOA_D
ClientSampleId :

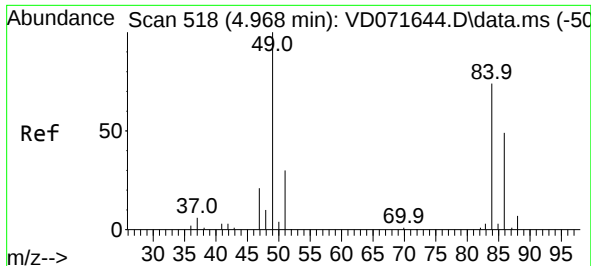
Tgt Ion:168 Resp: 254257
Ion Ratio Lower Upper
168 100
99 61.7 51.8 77.6



#16
Acetone
Concen: 5.784 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

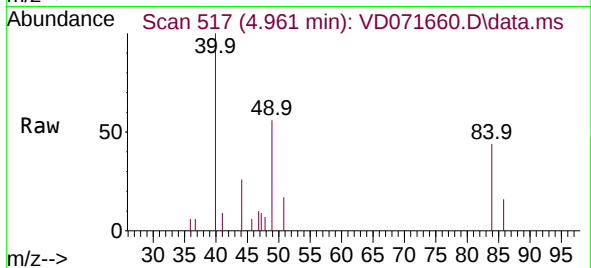
Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
58 15.0 21.0 31.6#





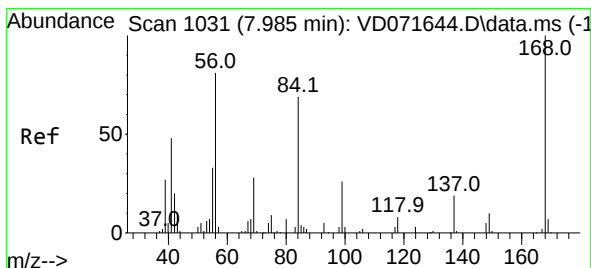
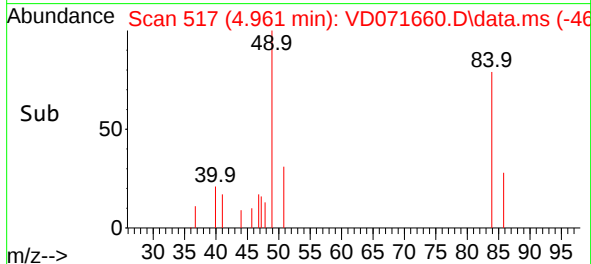
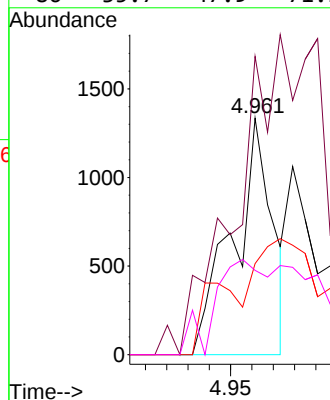
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 1714

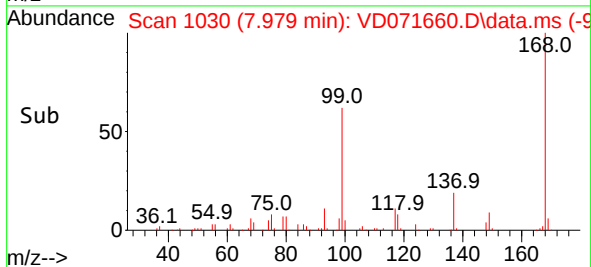
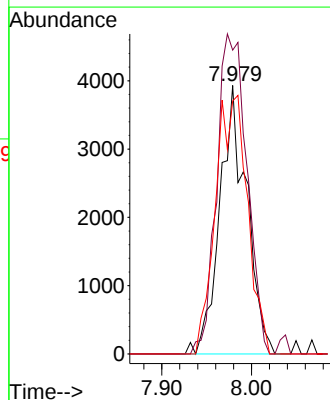
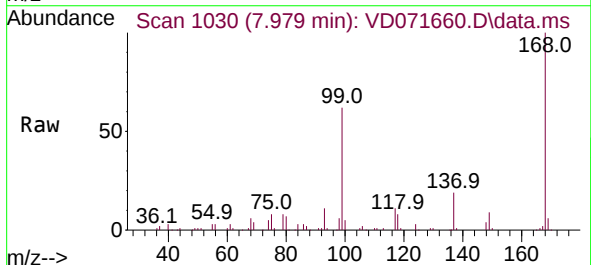
Ion	Ratio	Lower	Upper
84	100		
49	126.1	118.6	178.0
51	38.5	37.8	56.6
86	35.7	47.9	71.9#

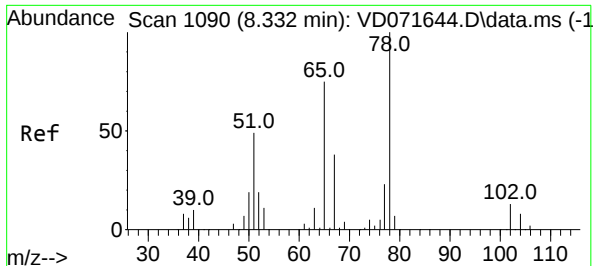


#31
Cyclohexane
Concen: 2.112 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 56 Resp: 8163

Ion	Ratio	Lower	Upper
56	100		
69	113.2	21.7	32.5#
84	94.3	65.7	98.5





#33

1,2-Dichloroethane-d4

Concen: 57.145 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071660.D

Acq: 10 Jan 2022 16:32

Instrument :

MSVOA_D

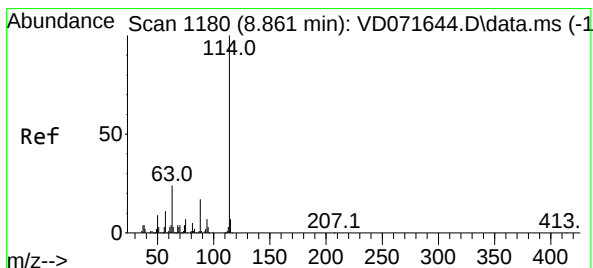
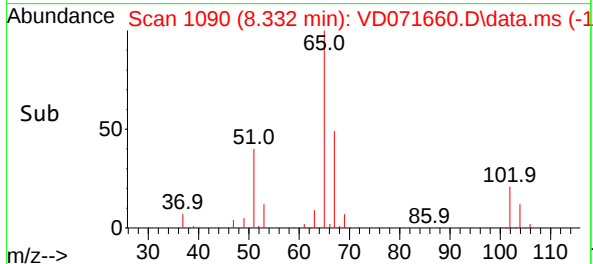
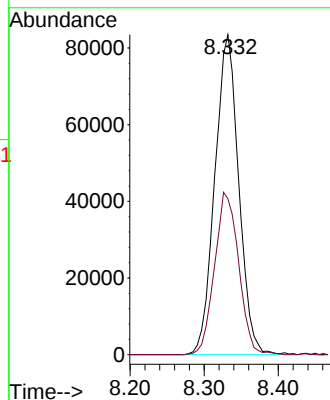
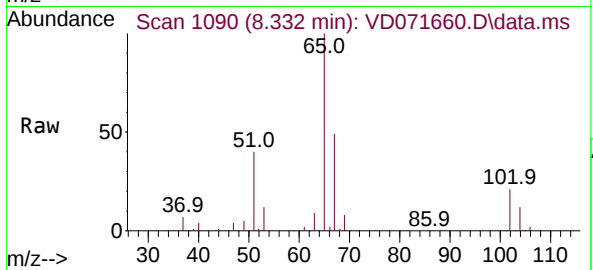
ClientSampleId :

Tgt Ion: 65 Resp: 186955

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: VD071660.D

Acq: 10 Jan 2022 16:32

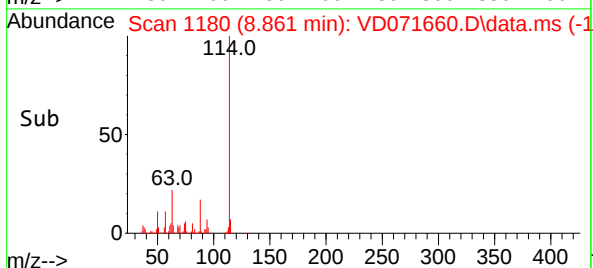
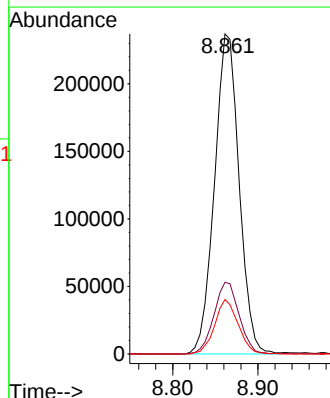
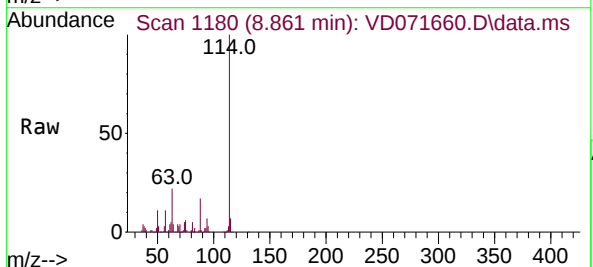
Tgt Ion: 114 Resp: 476094

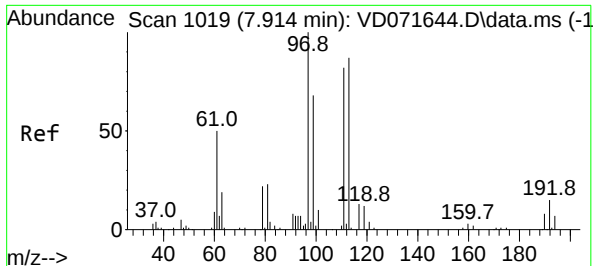
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.840 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071660.D

Acq: 10 Jan 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

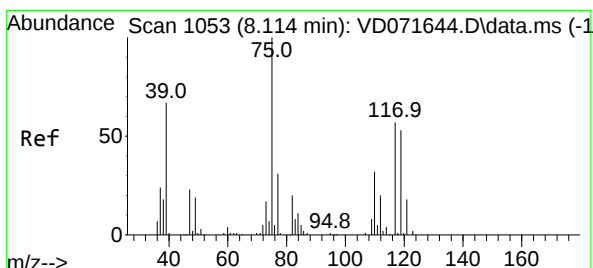
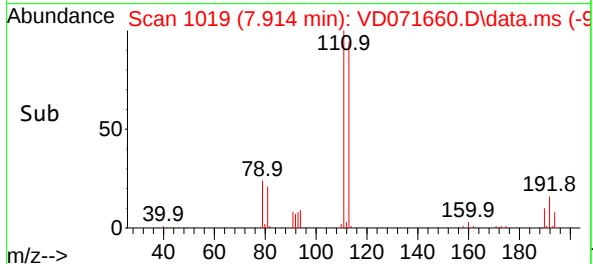
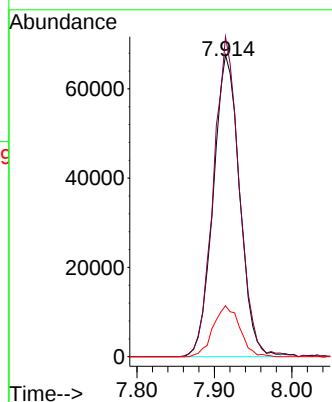
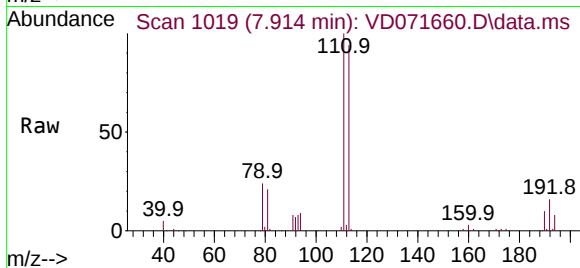
Tgt Ion:113 Resp: 159962

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.0 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.472 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD071660.D

Acq: 10 Jan 2022 16:32

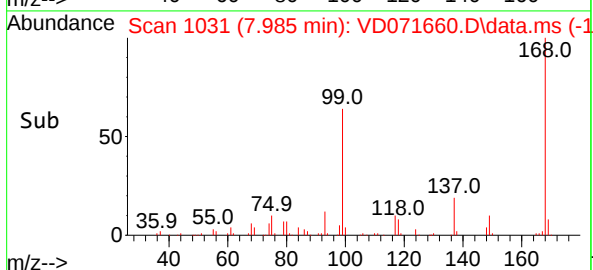
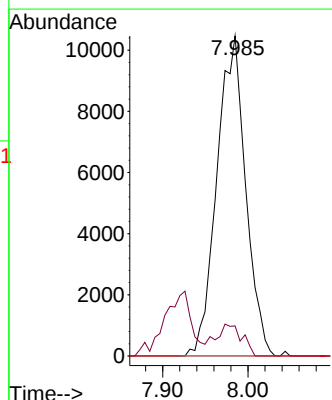
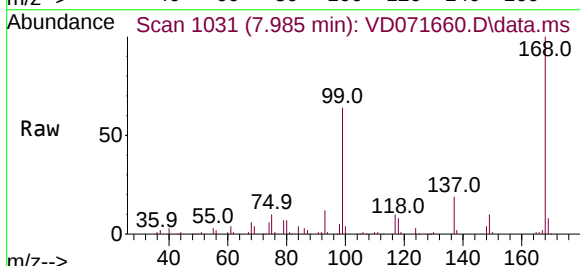
Tgt Ion: 75 Resp: 24558

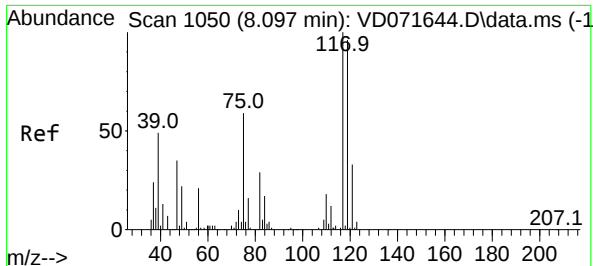
Ion Ratio Lower Upper

75 100

110 9.0 16.0 48.0#

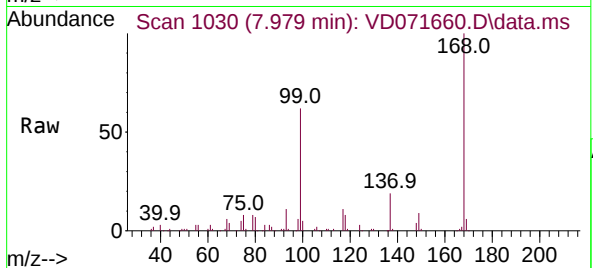
77 0.0 24.5 36.7#



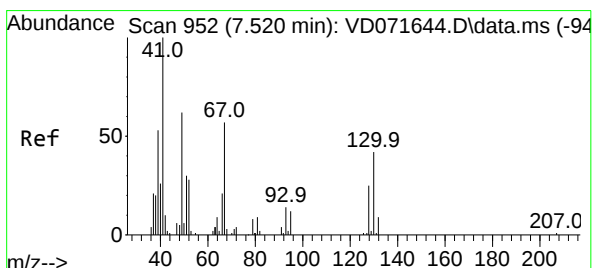
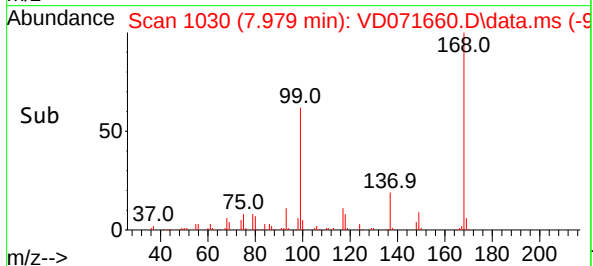
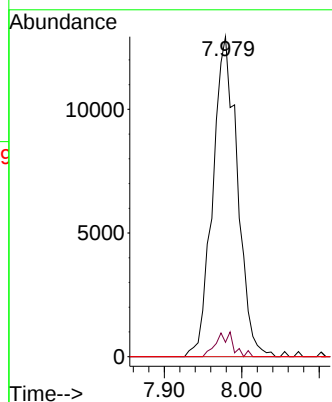


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.117 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :

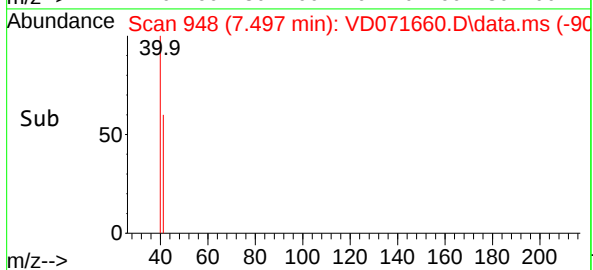
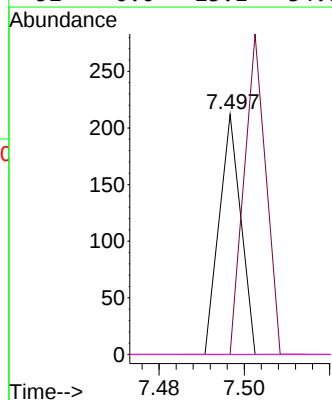
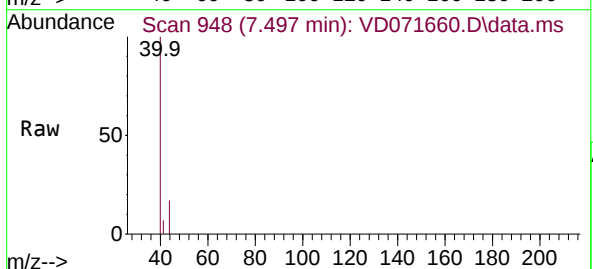


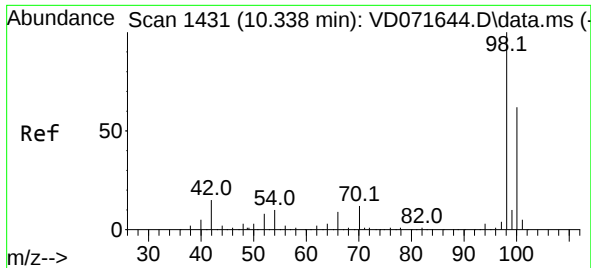
Tgt Ion:117 Resp: 28684
Ion Ratio Lower Upper
117 100
119 4.5 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.187 ug/l
RT: 7.497 min Scan# 948
Delta R.T. -0.023 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 41 Resp: 75
Ion Ratio Lower Upper
41 100
39 133.3 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

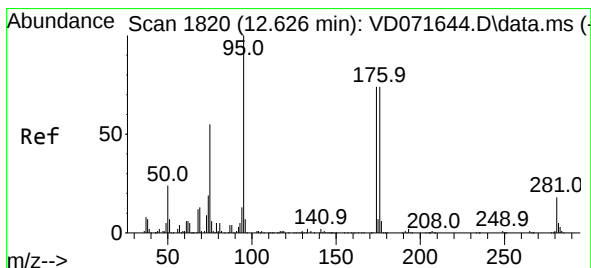
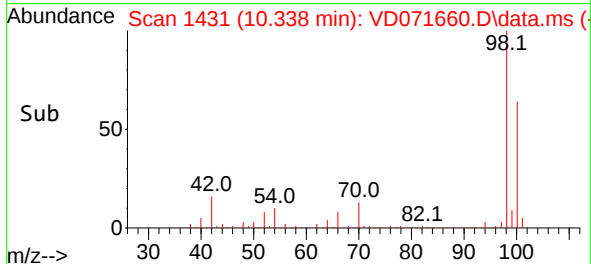
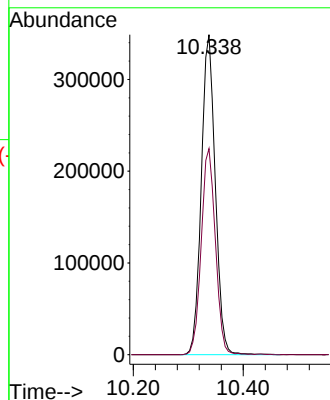
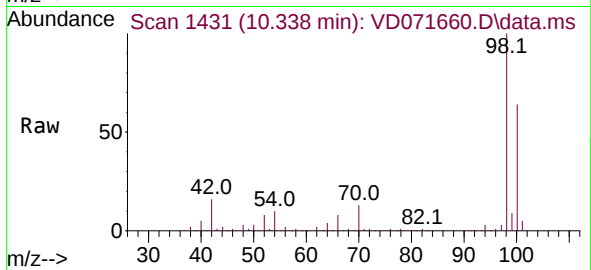




#50
Toluene-d8
Concen: 52.221 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

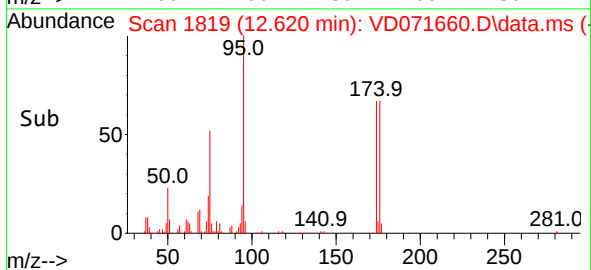
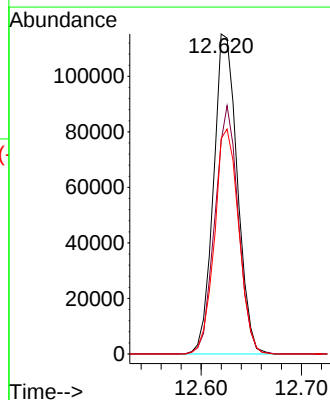
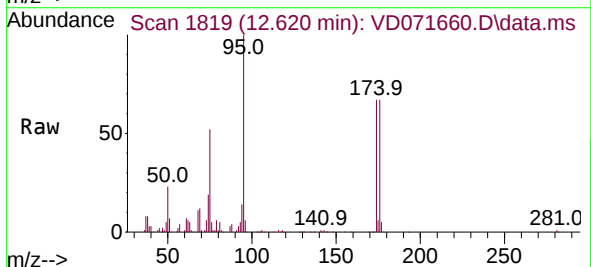
Instrument :
MSVOA_D
ClientSampleId :

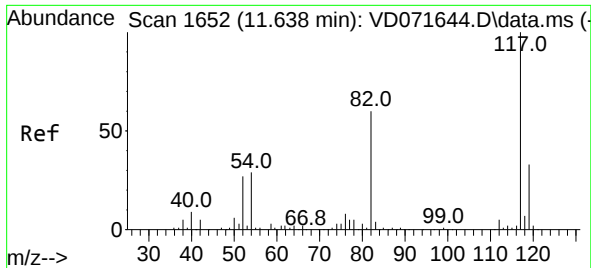
Tgt Ion: 98 Resp: 615055
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.621 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 95 Resp: 189338
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.0
176 71.7 0.0 146.4

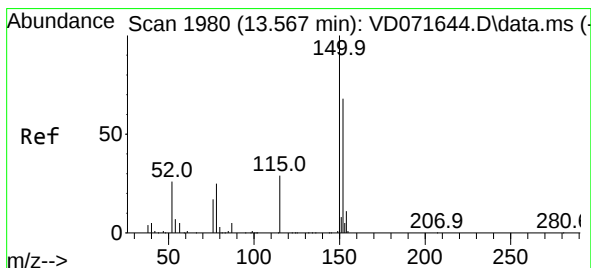
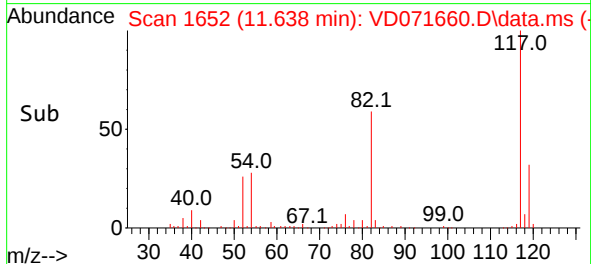
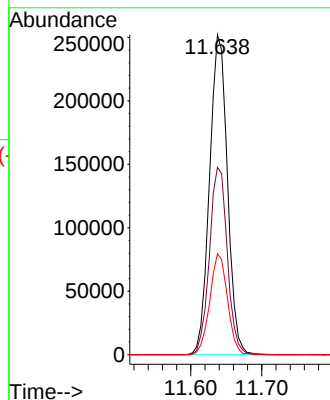
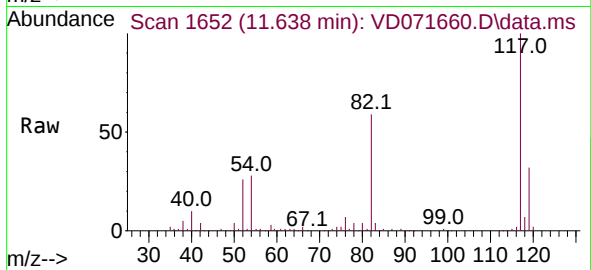




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

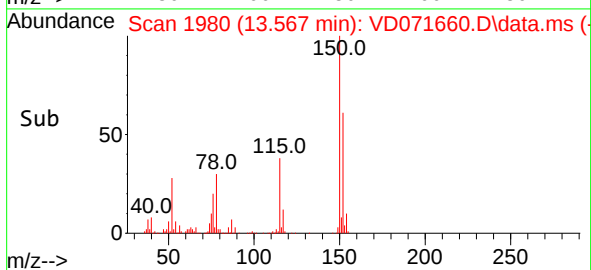
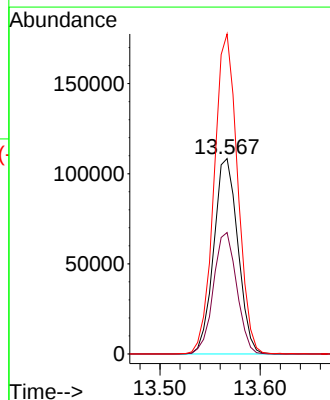
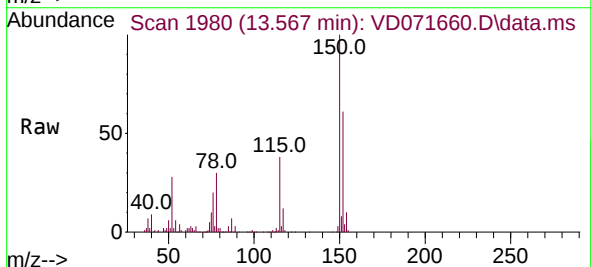
Instrument :
MSVOA_D
ClientSampleId :

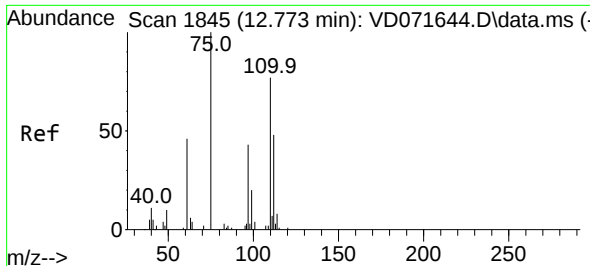
Tgt Ion:117 Resp: 440393
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion:152 Resp: 181092
Ion Ratio Lower Upper
152 100
115 60.2 31.5 94.5
150 159.6 0.0 348.0

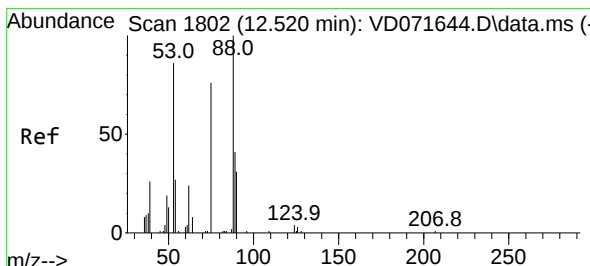
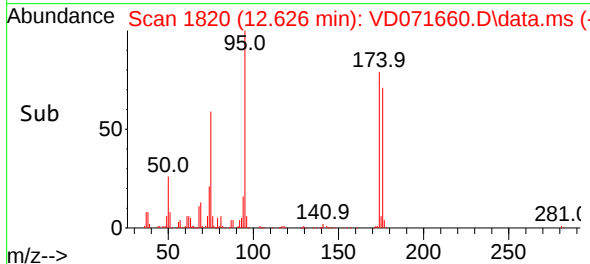
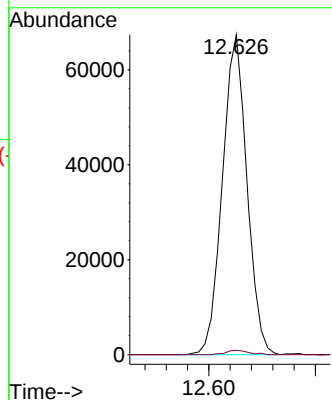
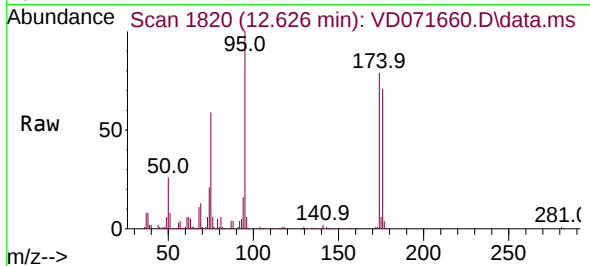




#76
1,2,3-Trichloropropane
Concen: 61.475 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 107572
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.385 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 75 Resp: 107572
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

