

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071579.D
 Acq On : 03 Jan 2022 21:22
 Operator : VA/SY
 Sample : M5245-01
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

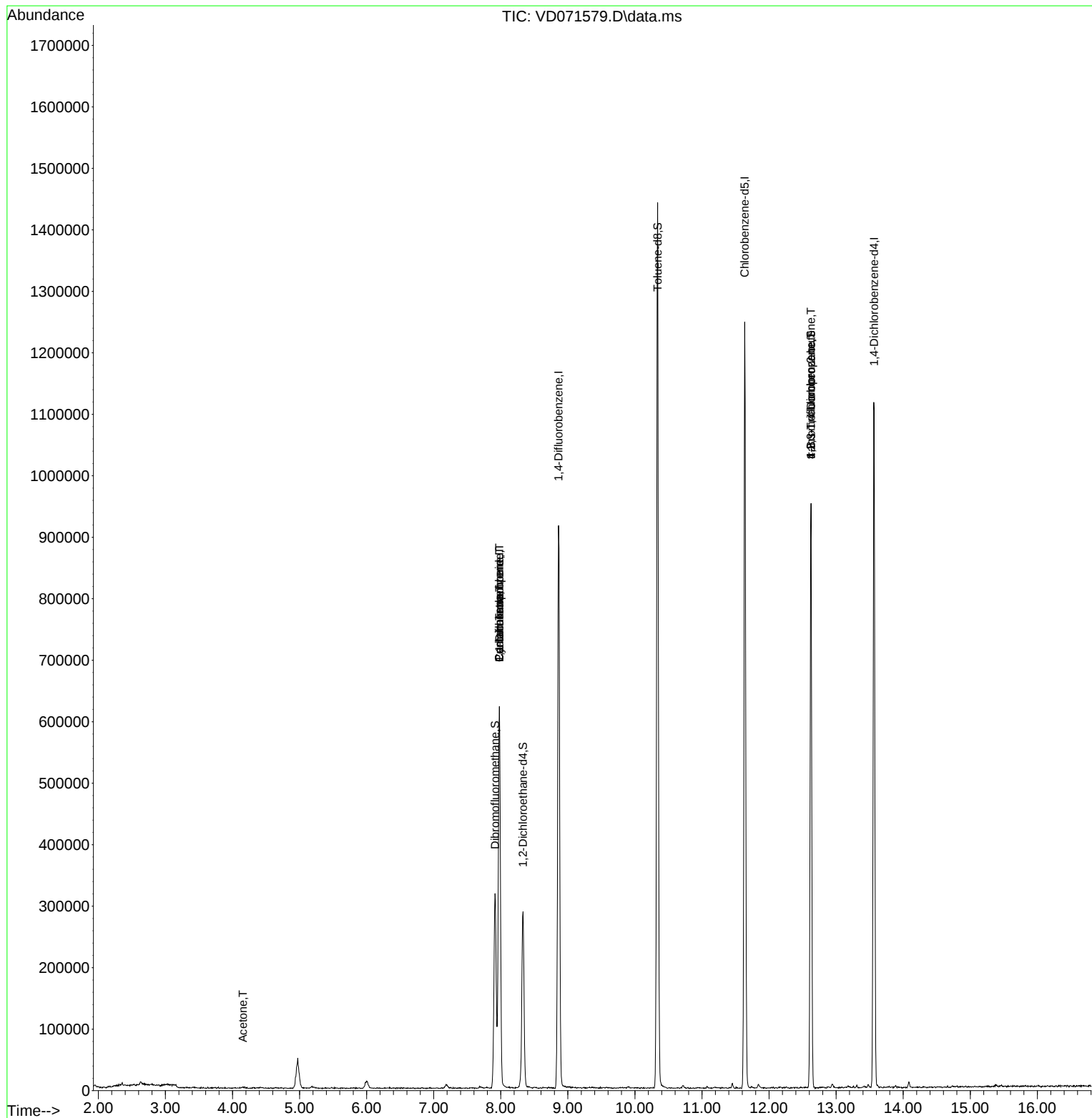
Internal Standards						
1) Pentafluorobenzene	7.979	168	435562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	230259	39.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.620%
35) Dibromofluoromethane	7.914	113	222182	44.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.560%
50) Toluene-d8	10.338	98	917973	48.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.626	95	286053	42.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	2675	Below Cal	#	71
16) Acetone	4.156	43	3989	2.745	ug/l #	61
20) Methylene Chloride	4.973	84	30831	Below Cal		94
31) Cyclohexane	7.979	56	12669	1.289	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	40299	5.084	ug/l #	49
38) Carbon Tetrachloride	7.979	117	46745	5.977	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	160878	49.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	160878	139.281	ug/l #	18

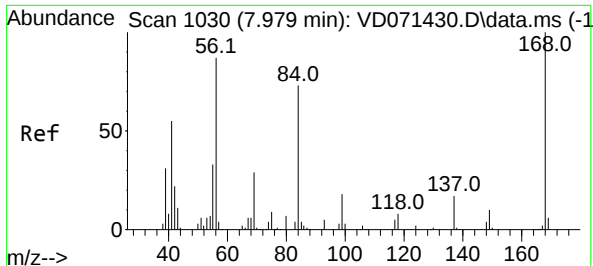
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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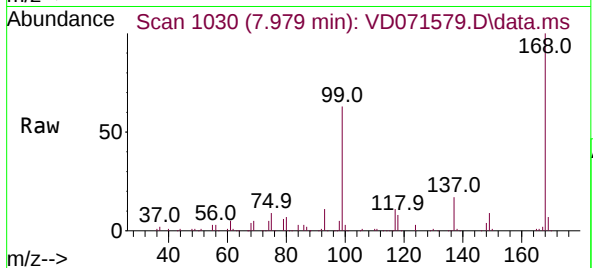
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



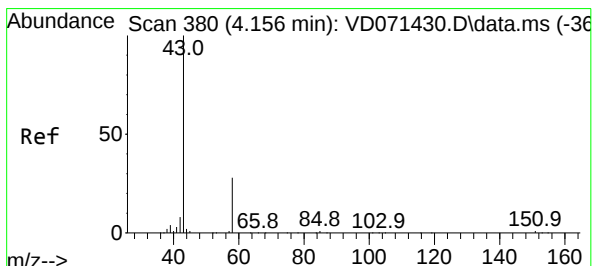
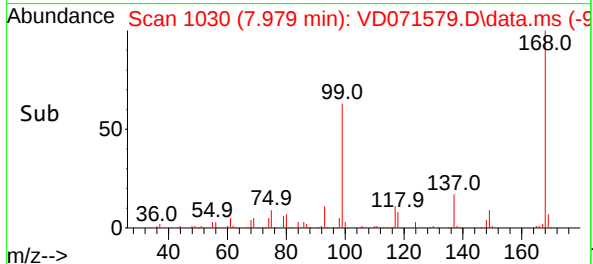
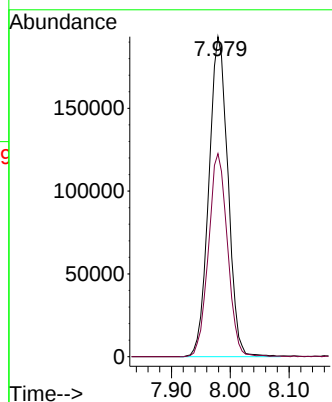


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Instrument :
MSVOA_D
ClientSampleId :

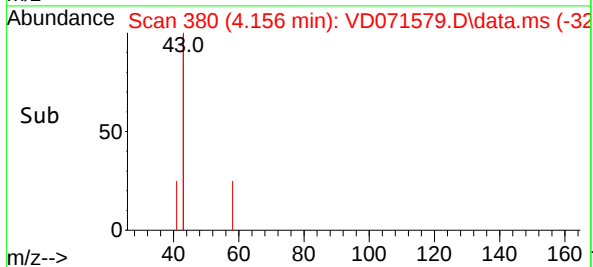
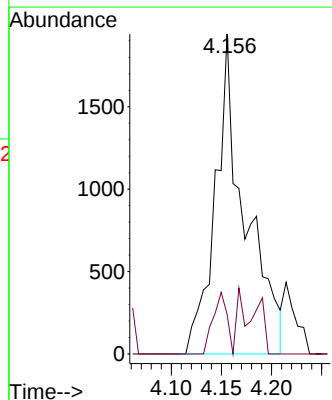
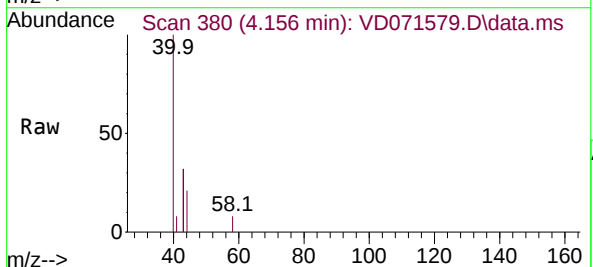


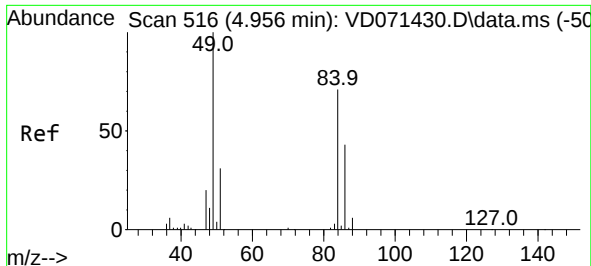
Tgt Ion:168 Resp: 435562
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#16
Acetone
Concen: 2.745 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
58 12.5 27.8 41.8#

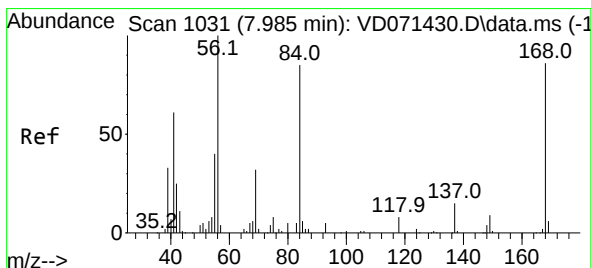
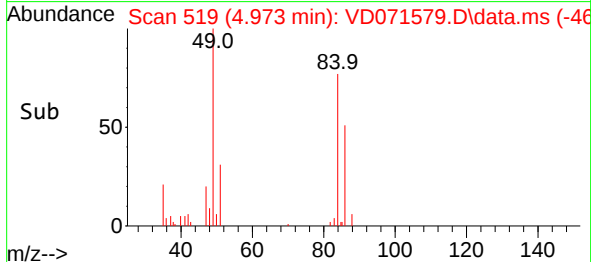
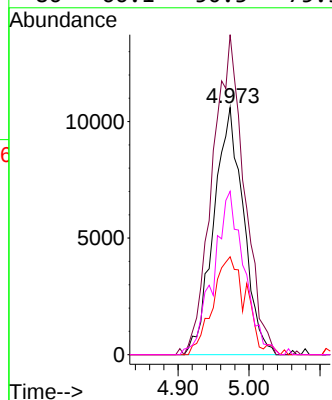
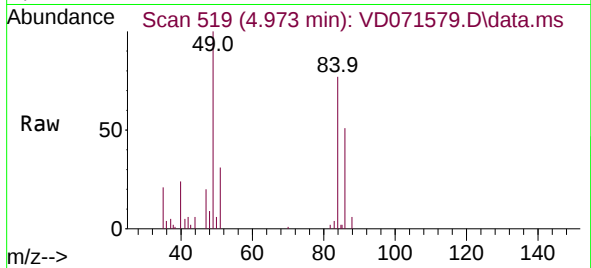




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

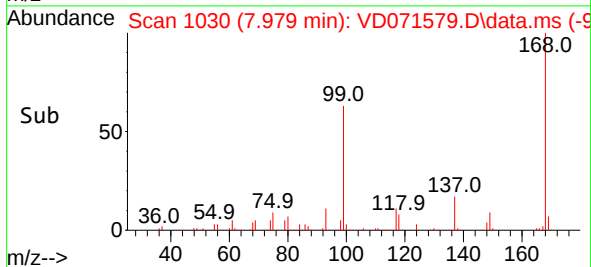
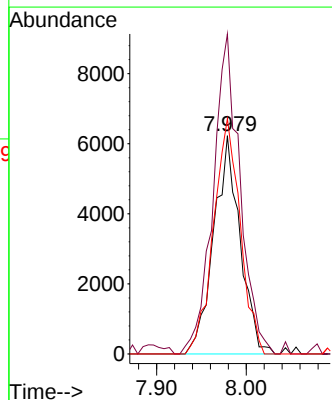
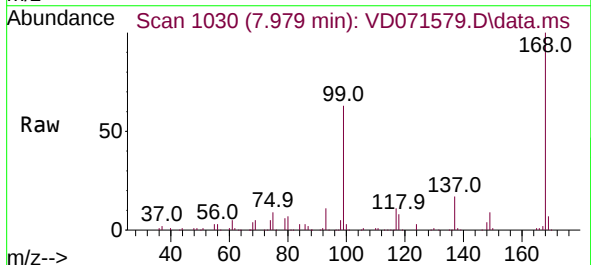
Instrument :
MSVOA_D
ClientSampleId :

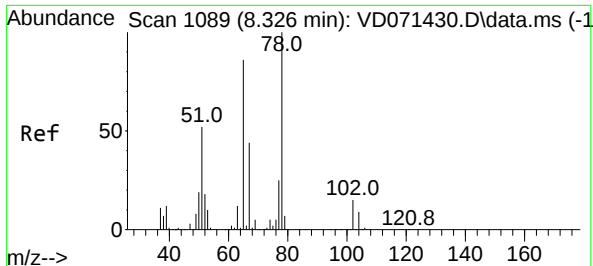
Tgt Ion:	84	Resp:	30831
Ion	Ratio	Lower	Upper
84	100		
49	129.4	95.8	143.6
51	39.6	30.9	46.3
86	66.1	50.3	75.5



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Tgt Ion:	56	Resp:	12669
Ion	Ratio	Lower	Upper
56	100		
69	146.6	25.9	38.9#
84	107.8	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 39.805 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071579.D

Acq: 03 Jan 2022 21:22

Instrument :

MSVOA_D

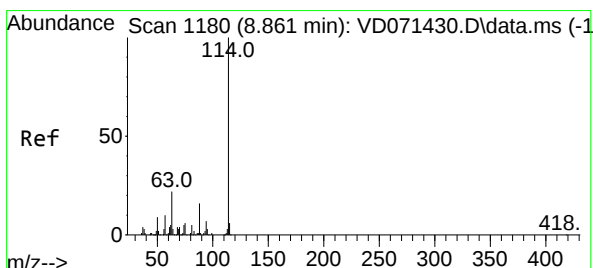
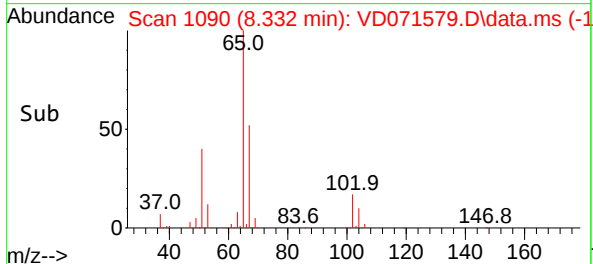
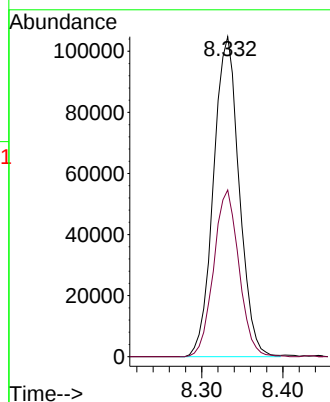
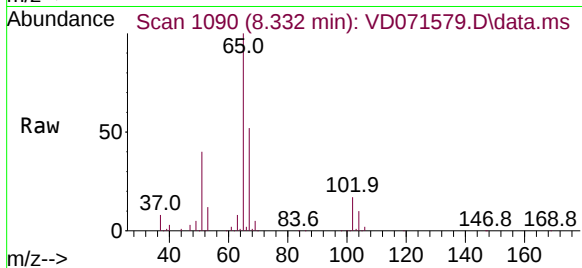
ClientSampleId :

Tgt Ion: 65 Resp: 230259

Ion Ratio Lower Upper

65 100

67 51.3 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071579.D

Acq: 03 Jan 2022 21:22

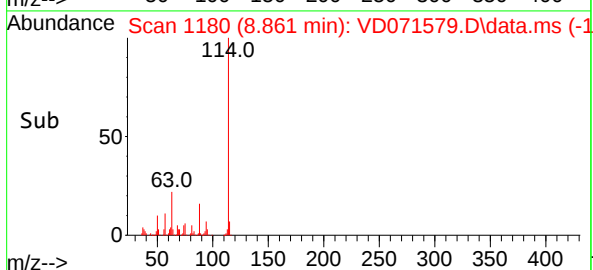
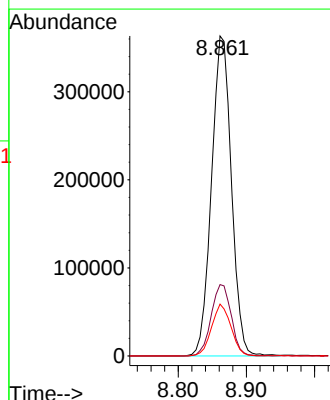
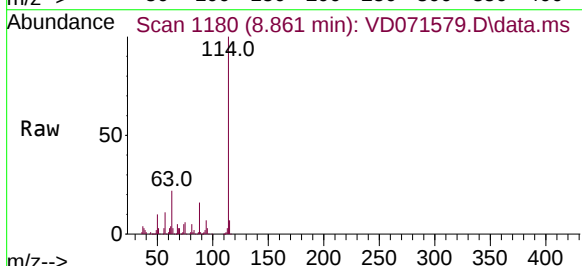
Tgt Ion: 114 Resp: 738268

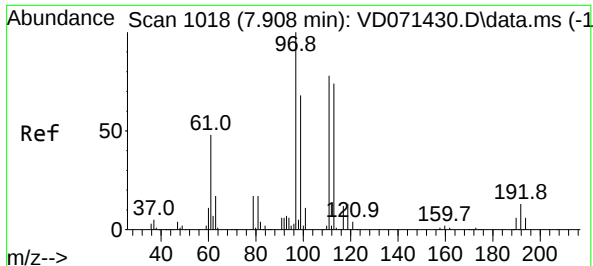
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.779 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

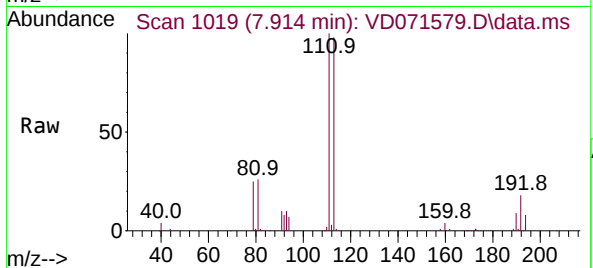
Lab File: VD071579.D

Acq: 03 Jan 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :



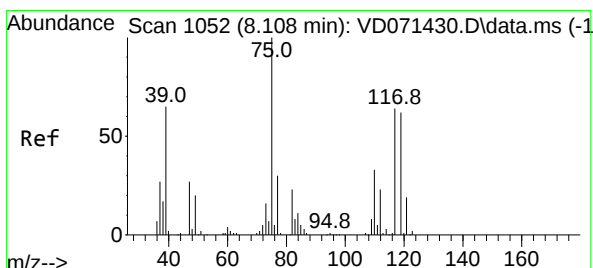
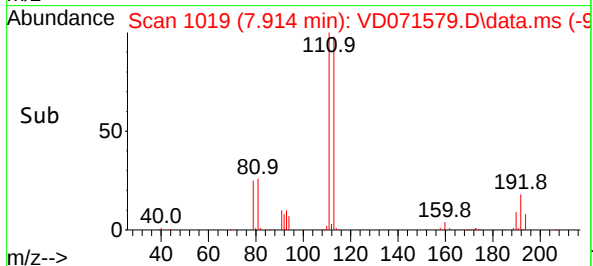
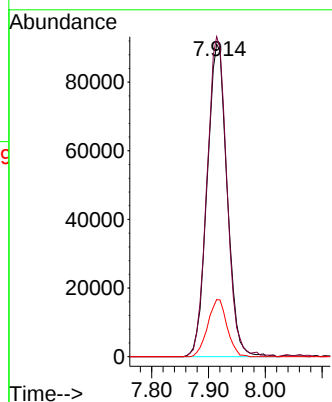
Tgt Ion:113 Resp: 222182

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 17.6 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071579.D

Acq: 03 Jan 2022 21:22

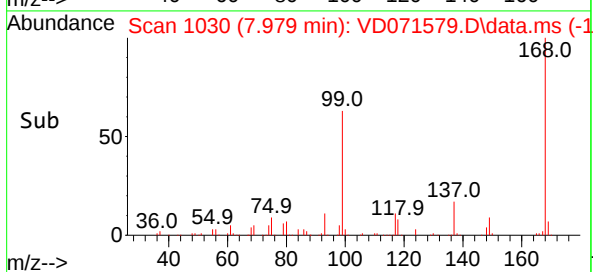
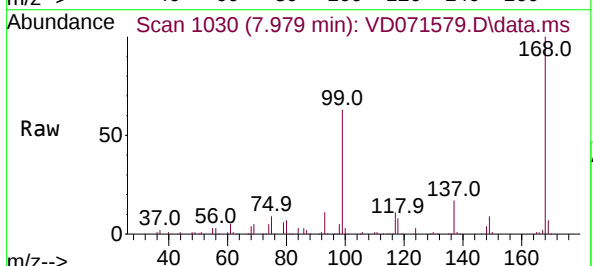
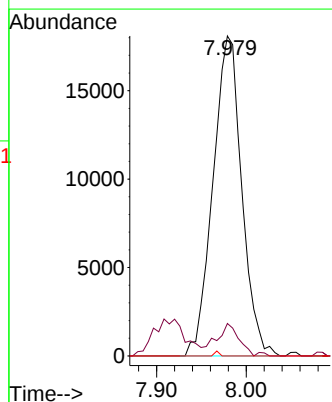
Tgt Ion: 75 Resp: 40299

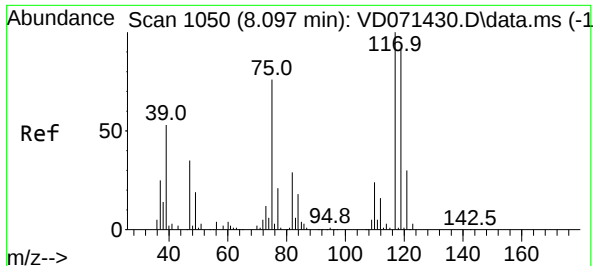
Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.4#

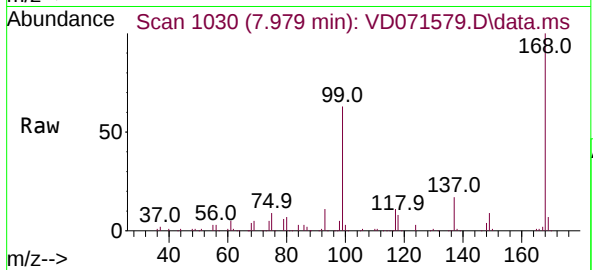
77 0.2 24.8 37.2#



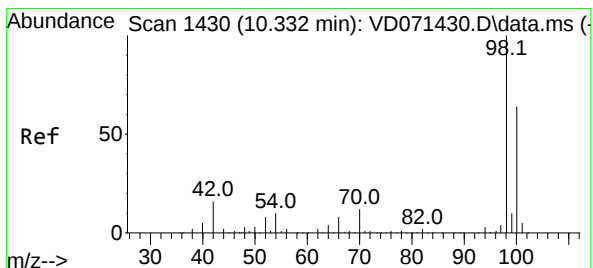
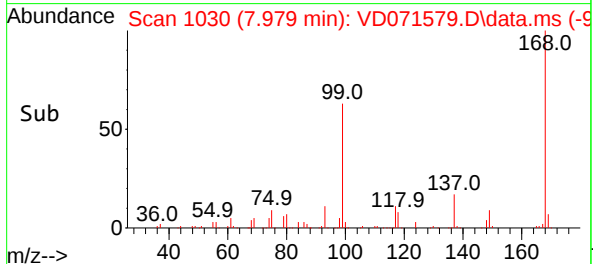
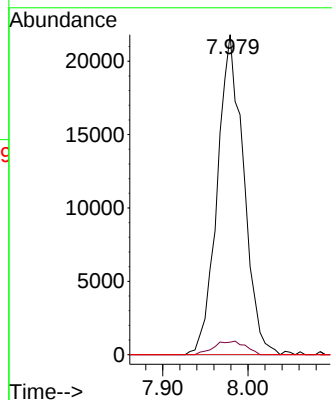


#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Instrument :
MSVOA_D
ClientSampleId :

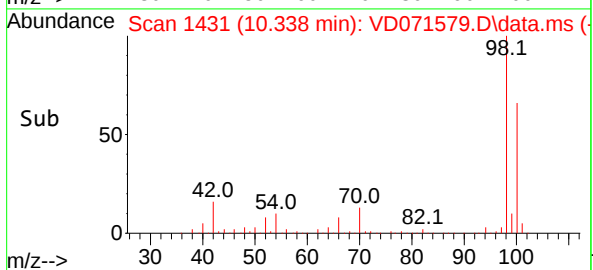
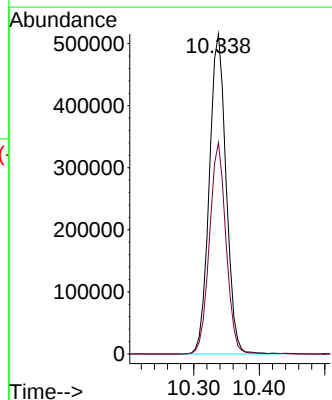
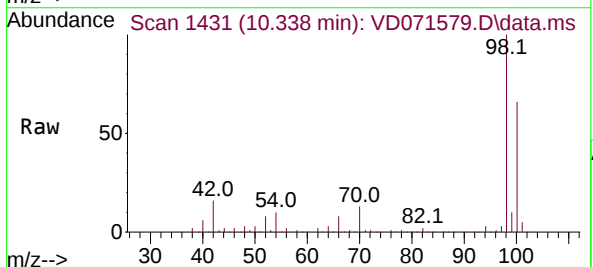


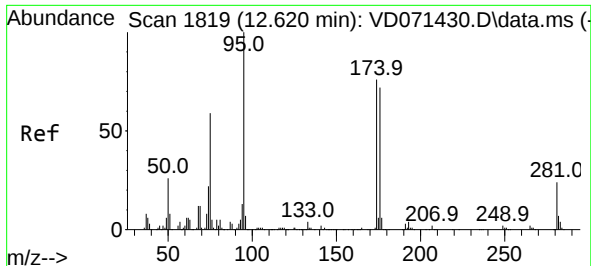
Tgt Ion:117 Resp: 46745
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.957 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Tgt Ion: 98 Resp: 917973
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

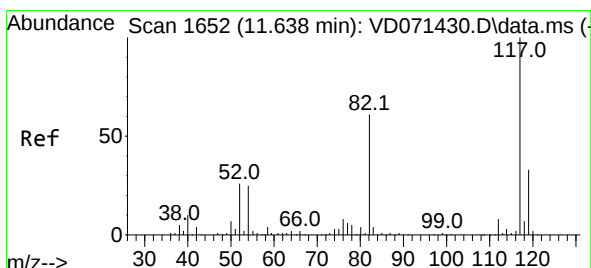
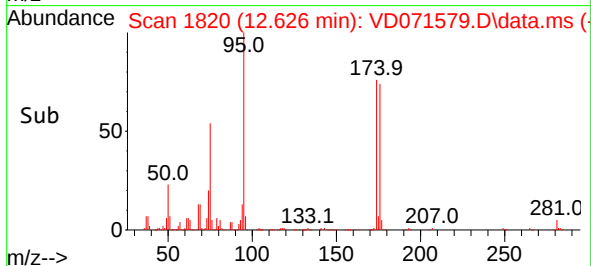
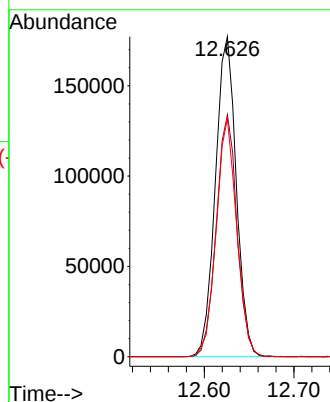
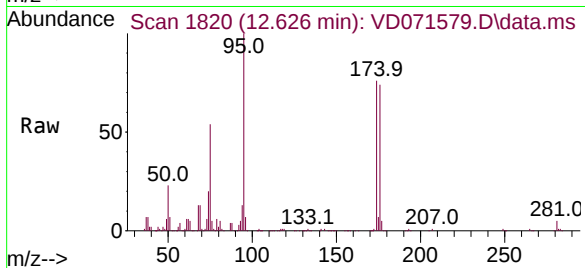




#62
4-Bromofluorobenzene
Concen: 42.932 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

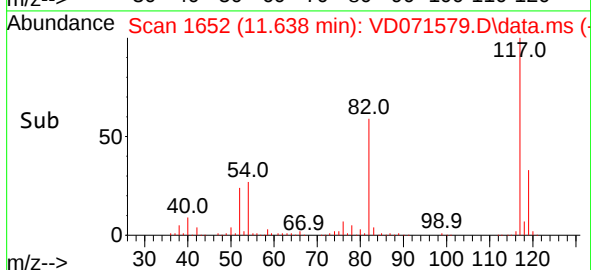
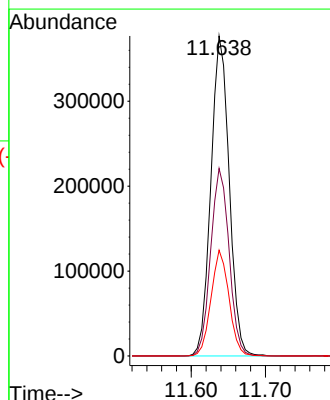
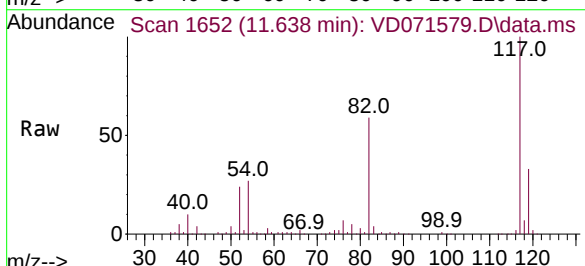
Instrument :
MSVOA_D
ClientSampleId :

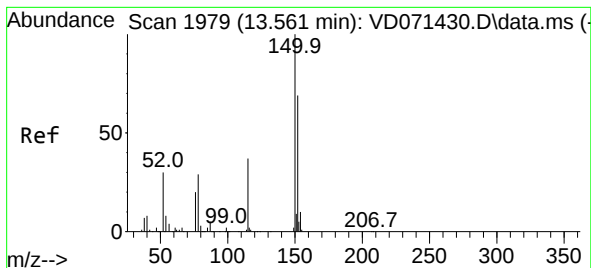
Tgt Ion: 95 Resp: 286053
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 72.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071579.D
Acq: 03 Jan 2022 21:22

Tgt Ion: 117 Resp: 646704
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 33.1 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD071579.D

Acq: 03 Jan 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

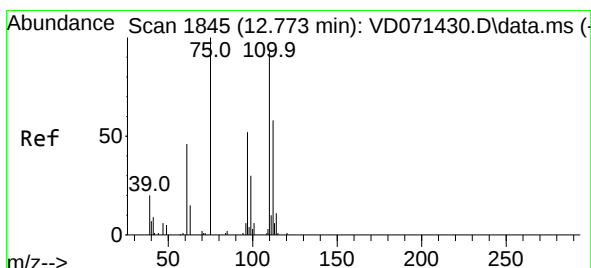
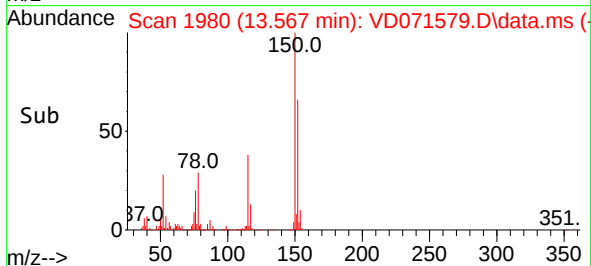
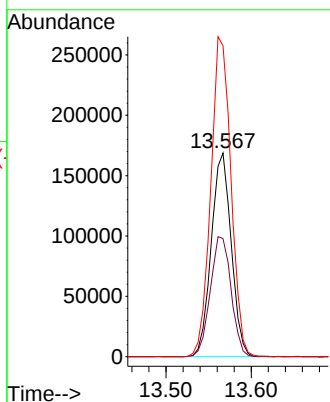
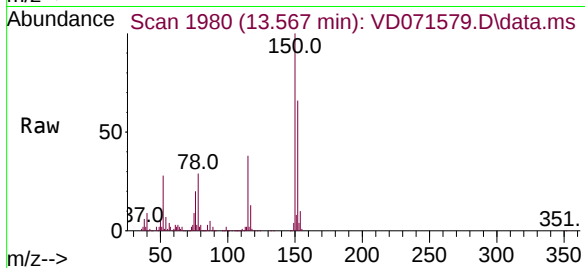
Tgt Ion:152 Resp: 274678

Ion Ratio Lower Upper

152 100

115 61.3 29.8 89.3

150 158.6 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 49.294 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071579.D

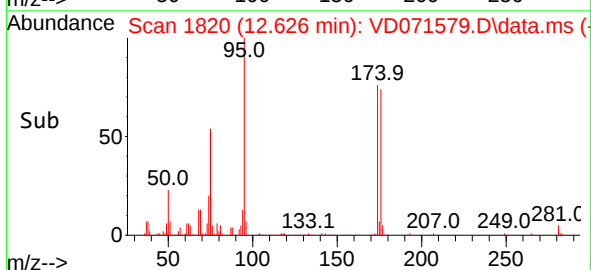
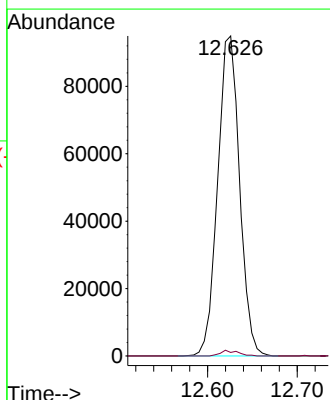
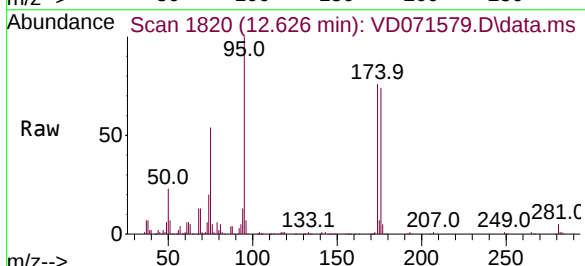
Acq: 03 Jan 2022 21:22

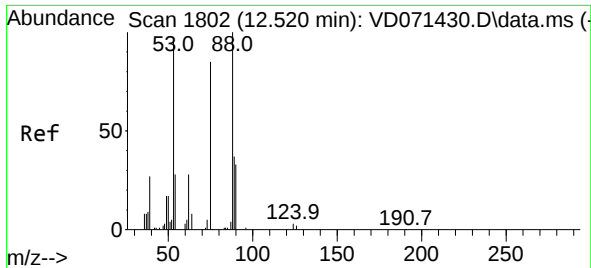
Tgt Ion: 75 Resp: 160878

Ion Ratio Lower Upper

75 100

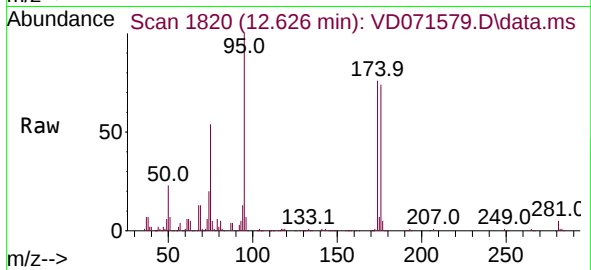
77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.281 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071579.D
 Acq: 03 Jan 2022 21:22

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 160878
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.2 34.5 51.7#

