

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071570.D
 Acq On : 03 Jan 2022 17:13
 Operator : VA/SY
 Sample : M5196-13
 Misc : 6.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:49:59 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)

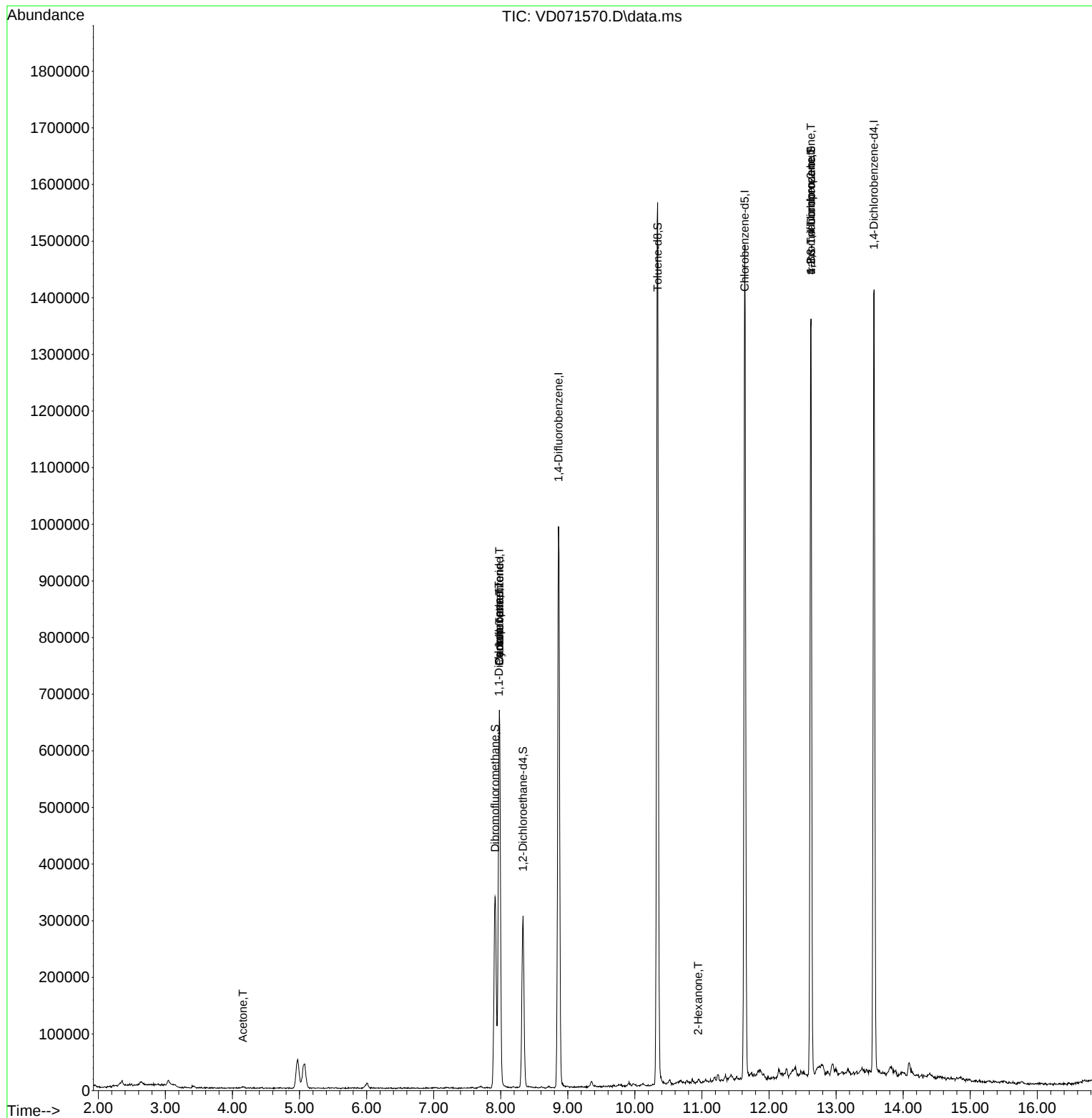
Internal Standards						
1) Pentafluorobenzene	7.979	168	466551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	804296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	779127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	354906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	239093	38.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.180%
35) Dibromofluoromethane	7.914	113	241149	44.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.220%
50) Toluene-d8	10.338	98	1031757	50.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.626	95	369901	50.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	398	Below Cal	#	71
16) Acetone	4.156	43	5044	3.241	ug/l	100
20) Methylene Chloride	4.979	84	36230	Below Cal		96
31) Cyclohexane	7.979	56	13787	1.310	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	41246	4.776	ug/l #	50
38) Carbon Tetrachloride	7.979	117	51154	6.004	ug/l #	15
59) 2-Hexanone	10.944	43	3290	1.118	ug/l #	22
76) 1,2,3-Trichloropropane	12.626	75	211031	50.044	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	211031	141.400	ug/l #	19

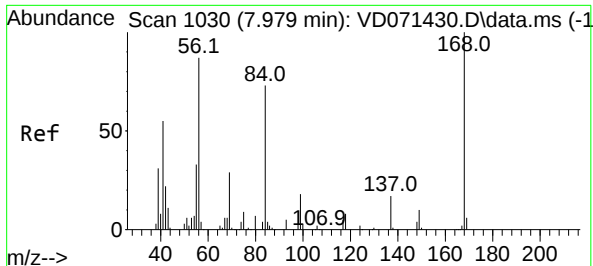
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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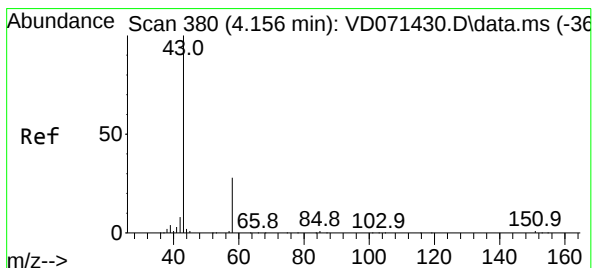
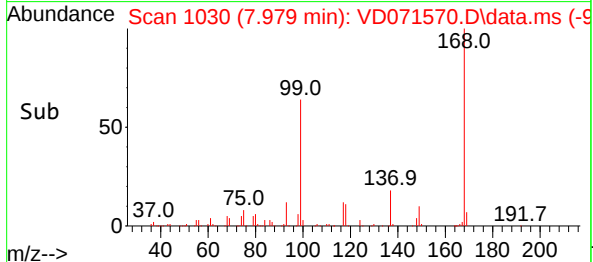
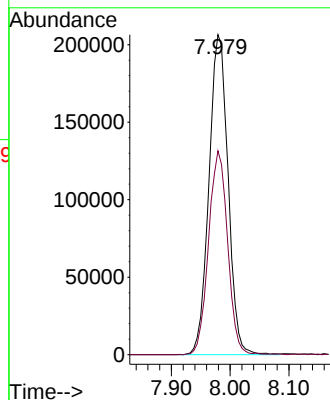
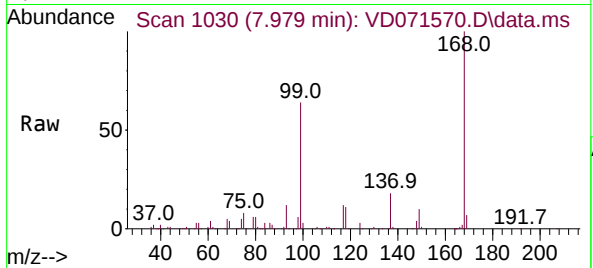




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

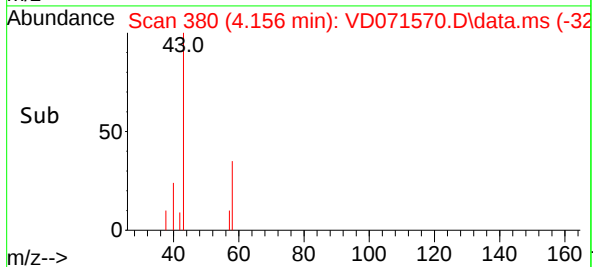
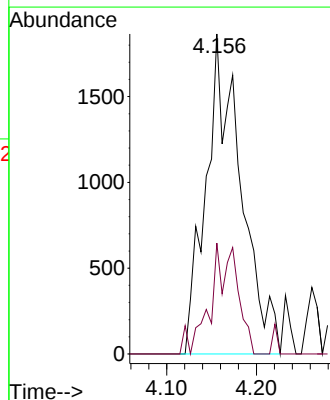
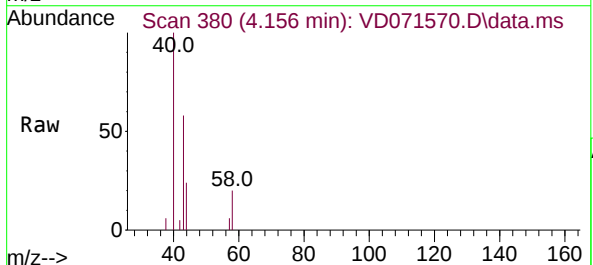
Instrument :
MSVOA_D
ClientSampleId :

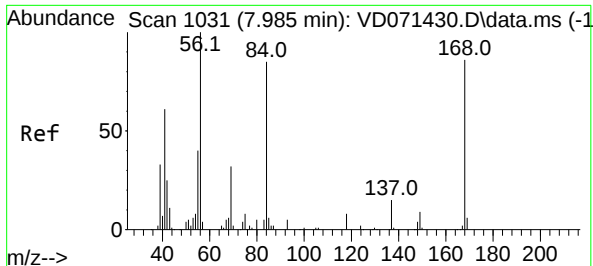
Tgt Ion:168 Resp: 466551
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#16
Acetone
Concen: 3.241 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

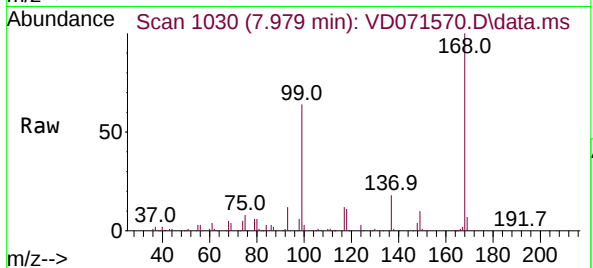
Tgt Ion: 43 Resp: 5044
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



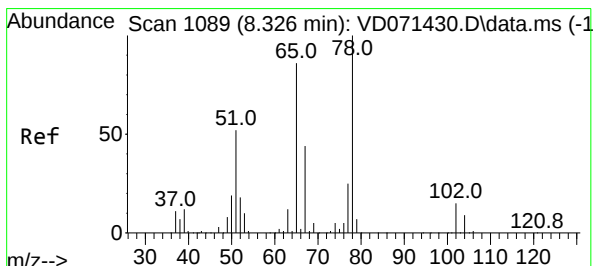
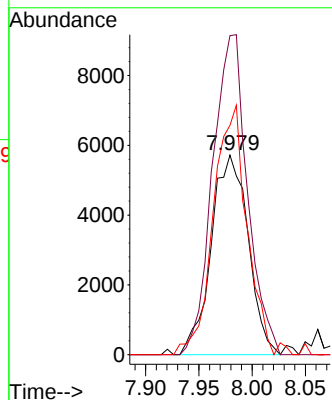
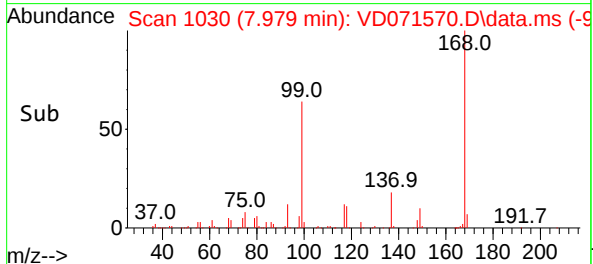


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

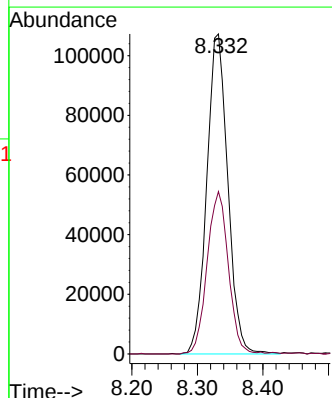
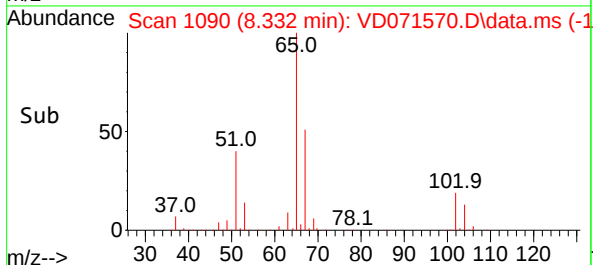
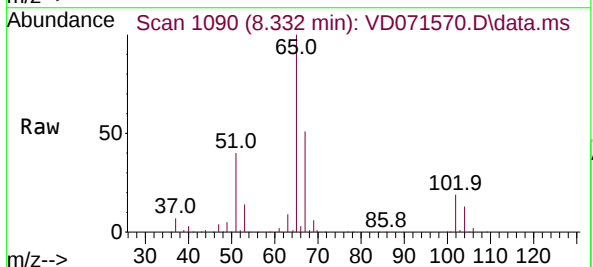


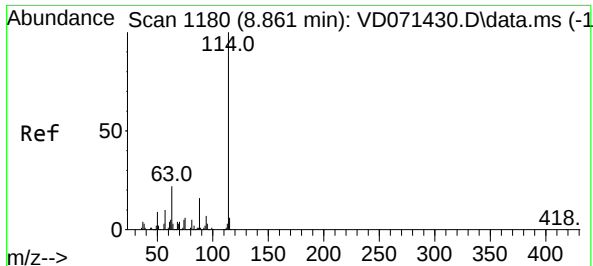
Tgt Ion: 56 Resp: 13787
Ion Ratio Lower Upper
56 100
69 159.9 25.9 38.9#
84 109.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 38.587 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

Tgt Ion: 65 Resp: 239093
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: VD071570.D

Acq: 03 Jan 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

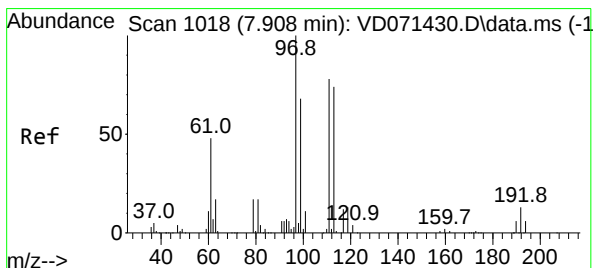
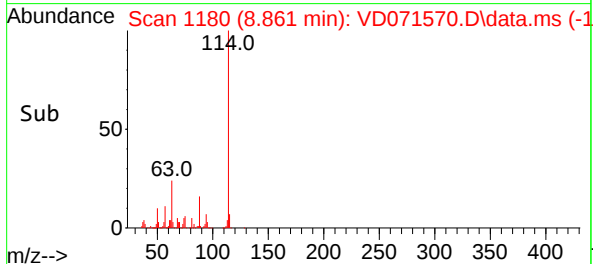
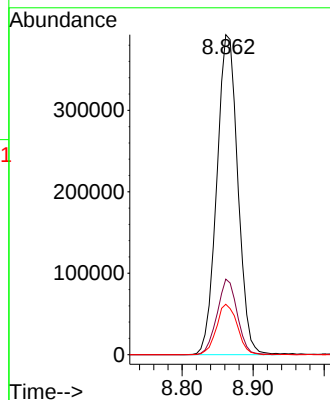
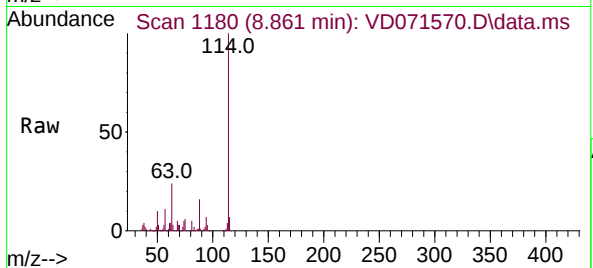
Tgt Ion:114 Resp: 804296

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 44.612 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071570.D

Acq: 03 Jan 2022 17:13

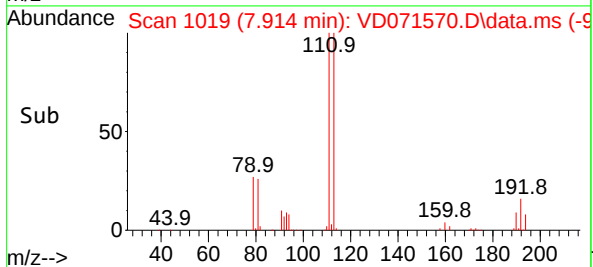
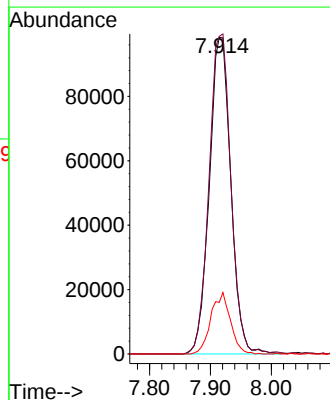
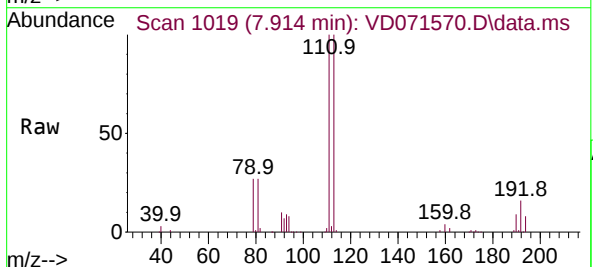
Tgt Ion:113 Resp: 241149

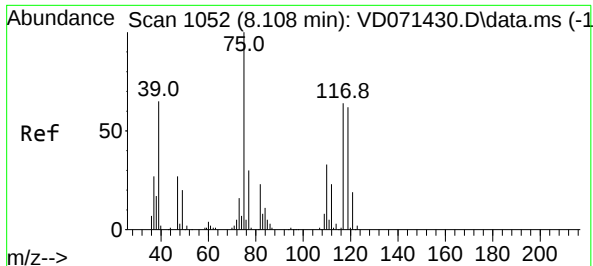
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 17.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071570.D

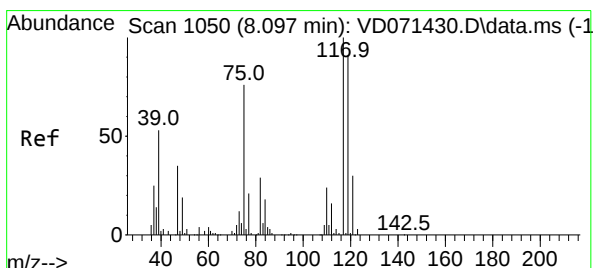
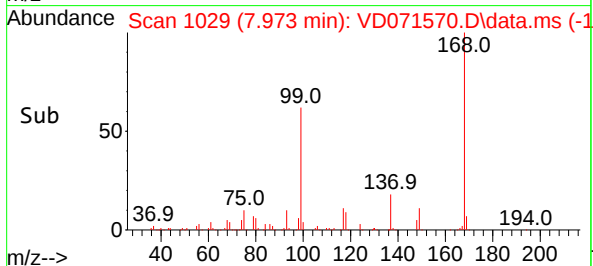
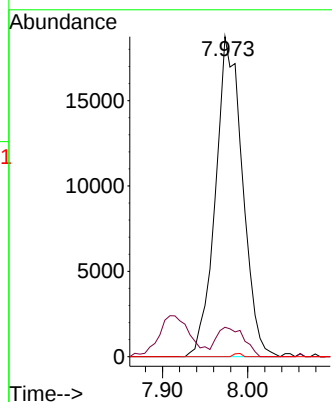
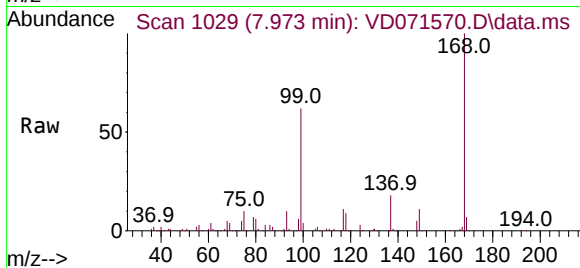
Acq: 03 Jan 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	41246
Ion Ratio	Lower	Upper	
75	100		
110	9.2	17.8	53.4#
77	0.3	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.004 ug/l

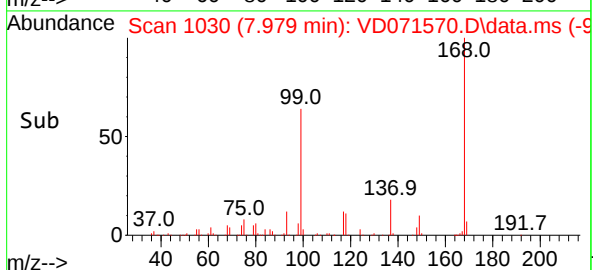
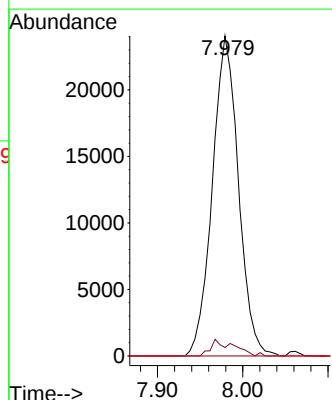
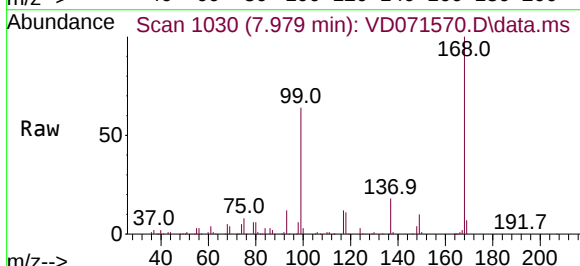
RT: 7.979 min Scan# 1030

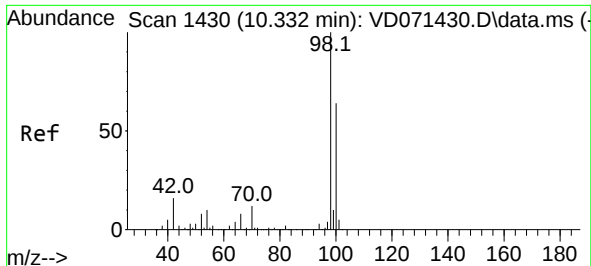
Delta R.T. -0.118 min

Lab File: VD071570.D

Acq: 03 Jan 2022 17:13

Tgt Ion:	117	Resp:	51154
Ion Ratio	Lower	Upper	
117	100		
119	2.6	75.8	113.6#
121	0.0	23.6	35.4#

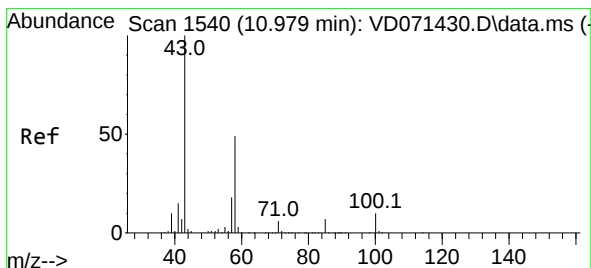
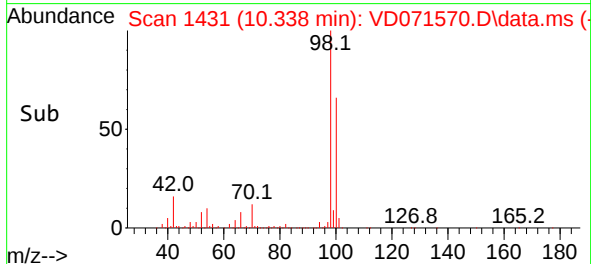
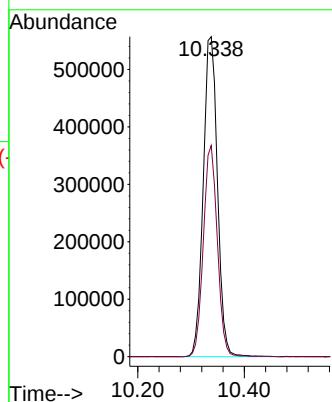
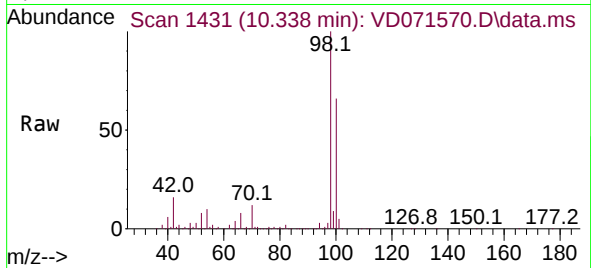




#50
Toluene-d8
Concen: 50.508 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

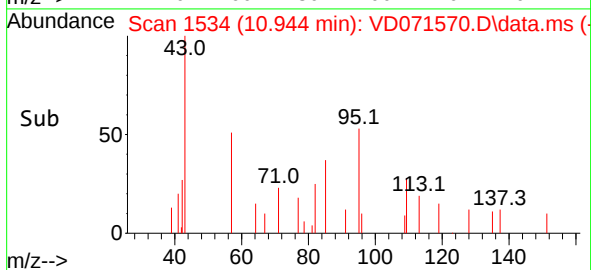
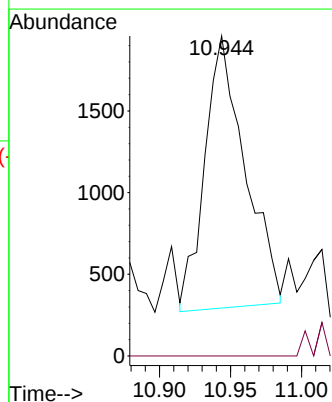
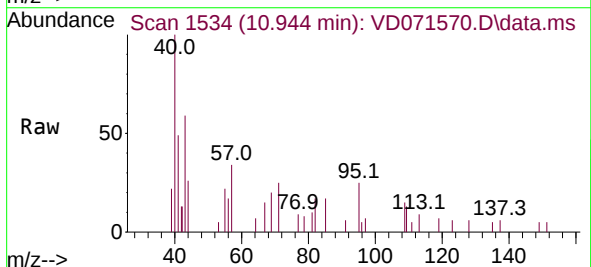
Instrument :
MSVOA_D
ClientSampleId :

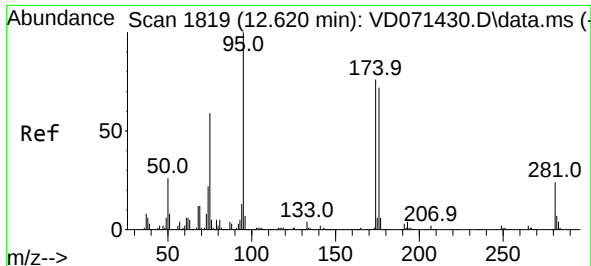
Tgt Ion: 98 Resp: 1031757
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#59
2-Hexanone
Concen: 1.118 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

Tgt Ion: 43 Resp: 3290
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

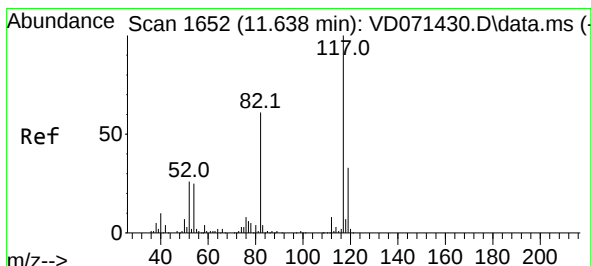
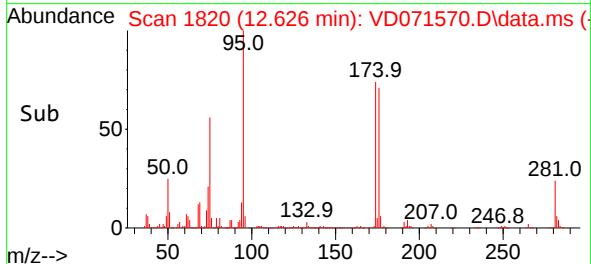
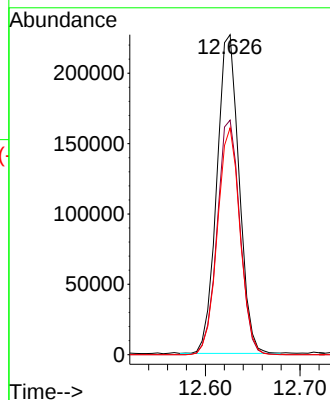
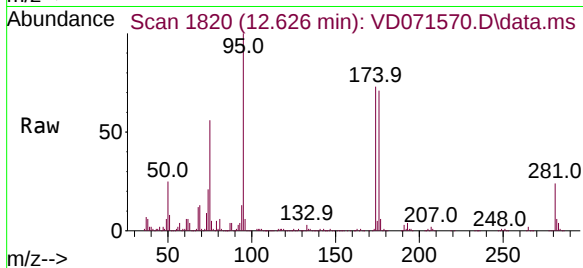




#62
4-Bromofluorobenzene
Concen: 50.958 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

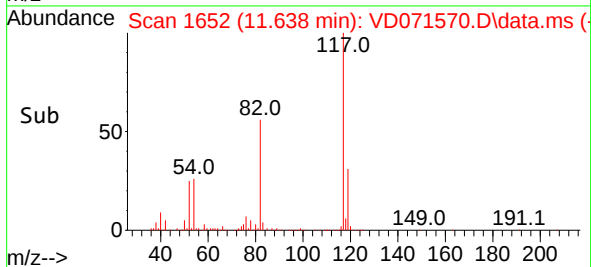
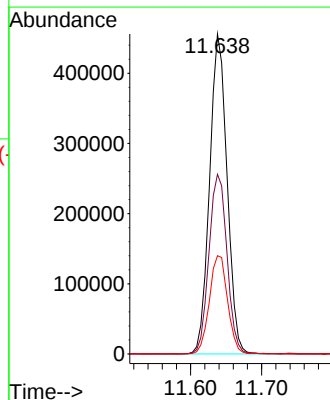
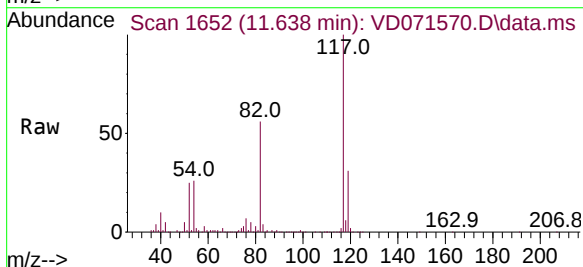
Instrument :
MSVOA_D
ClientSampleId :

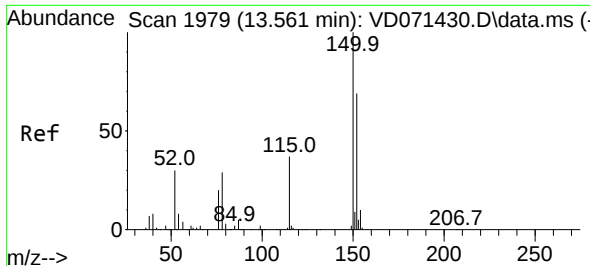
Tgt Ion: 95 Resp: 369901
Ion Ratio Lower Upper
95 100
174 75.1 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071570.D
Acq: 03 Jan 2022 17:13

Tgt Ion: 117 Resp: 779127
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 30.7 26.2 39.4

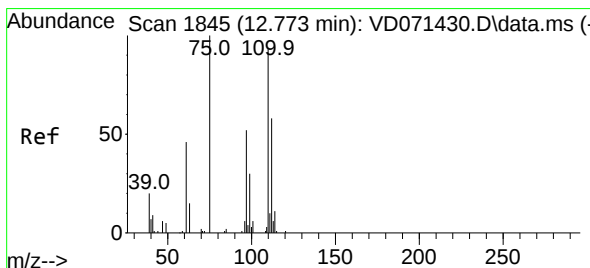
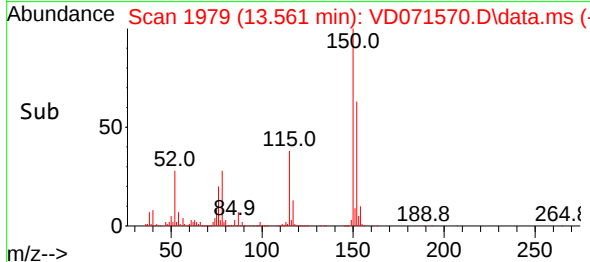
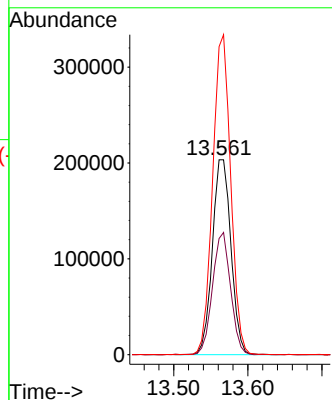
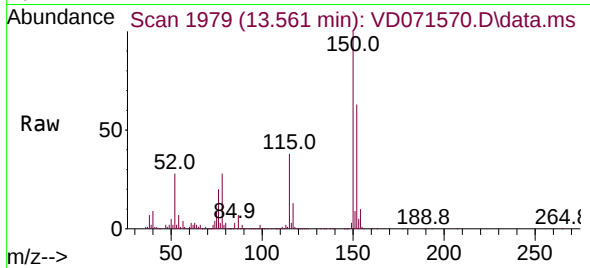




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071570.D
 Acq: 03 Jan 2022 17:13

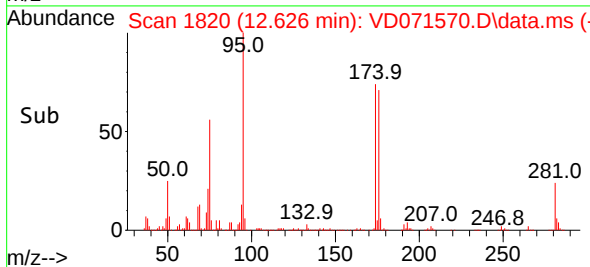
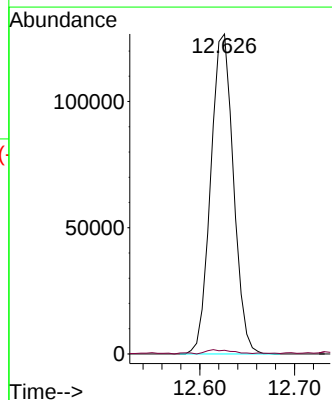
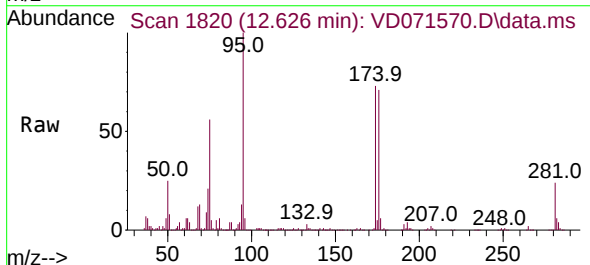
Instrument :
 MSVOA_D
 ClientSampleId :

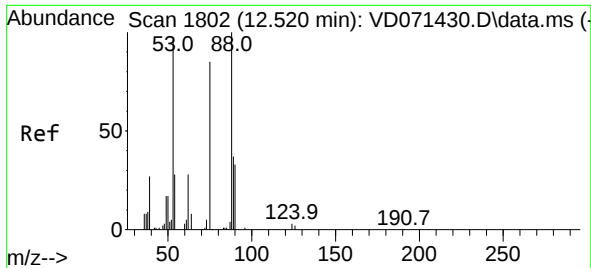
Tgt Ion:152 Resp: 354906
 Ion Ratio Lower Upper
 152 100
 115 60.3 29.8 89.3
 150 158.6 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 50.044 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071570.D
 Acq: 03 Jan 2022 17:13

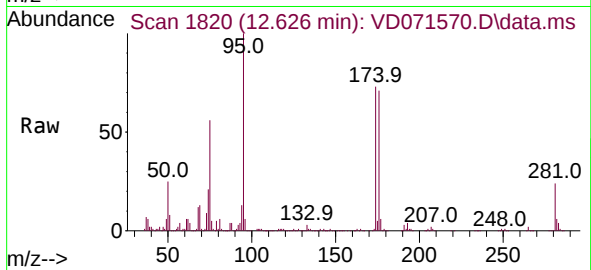
Tgt Ion: 75 Resp: 211031
 Ion Ratio Lower Upper
 75 100
 77 1.5 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.400 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071570.D
 Acq: 03 Jan 2022 17:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 211031
 Ion Ratio Lower Upper
 75 100
 53 0.6 62.6 94.0#
 89 0.3 34.5 51.7#

