

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071599.D
 Acq On : 04 Jan 2022 18:03
 Operator : VA/SY
 Sample : M5338-07
 Misc : 6.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:30:00 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)

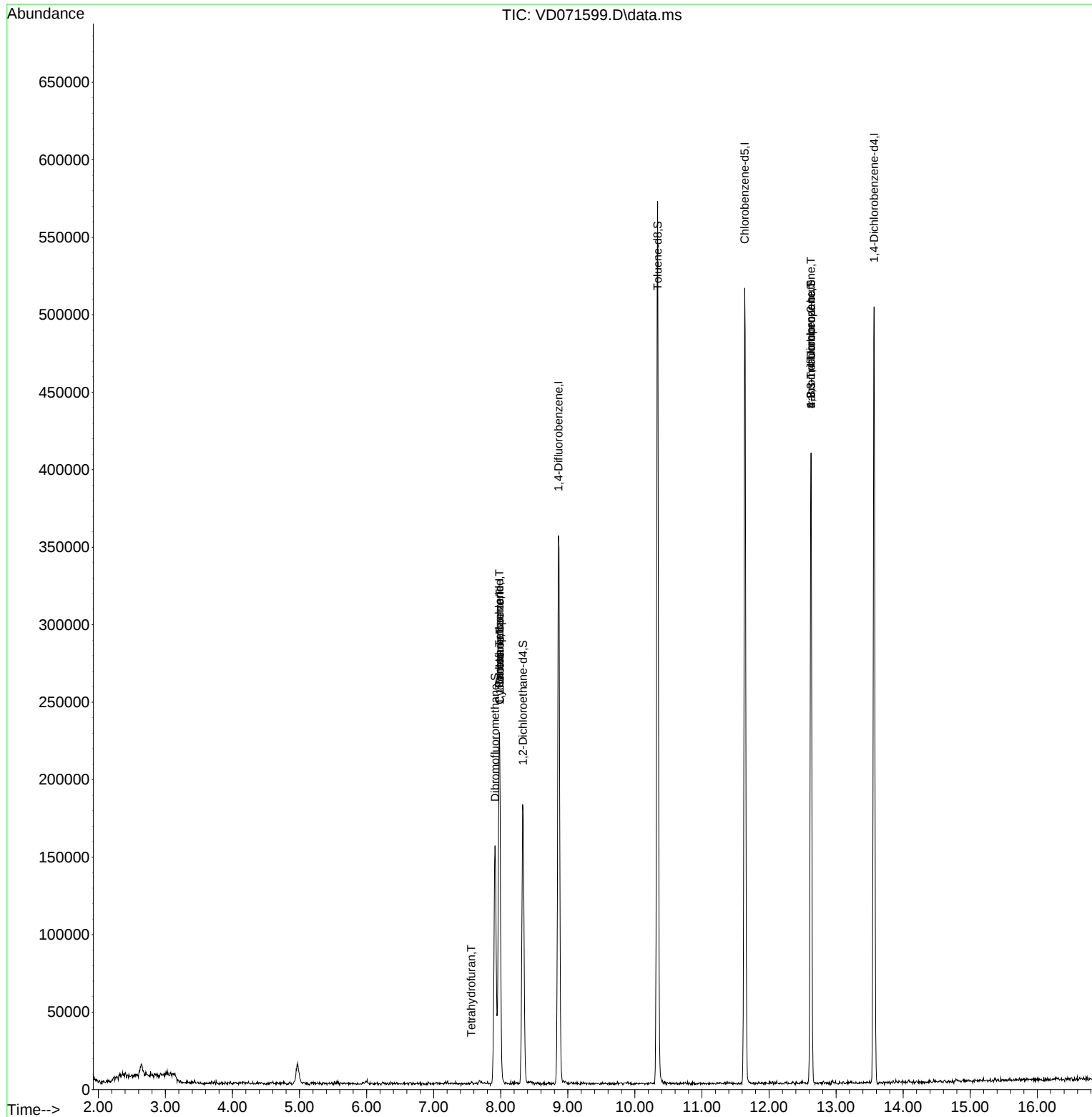
Internal Standards						
1) Pentafluorobenzene	7.979	168	156986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	280720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	270479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	120892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145882	69.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.940%	
35) Dibromofluoromethane	7.914	113	107374	56.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.820%	
50) Toluene-d8	10.338	98	367079	51.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.626	95	119554	47.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	252	Below Cal	#	71
20) Methylene Chloride	4.967	84	8783	Below Cal	#	86
29) Tetrahydrofuran	7.561	42	570	1.518	ug/l #	34
31) Cyclohexane	7.985	56	5208	1.470	ug/l #	40
36) 1,1-Dichloropropene	7.985	75	15083	5.004	ug/l #	51
38) Carbon Tetrachloride	7.979	117	17722	5.959	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	69440	48.343	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	69440	136.593	ug/l #	18

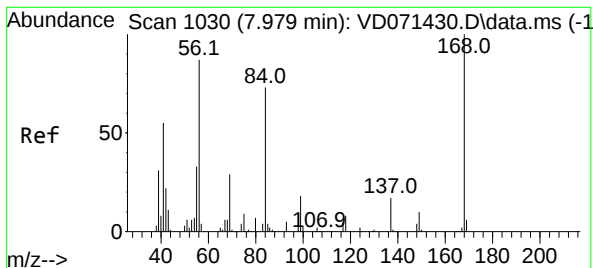
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD071599.D

Acq: 04 Jan 2022 18:03

Instrument :

MSVOA_D

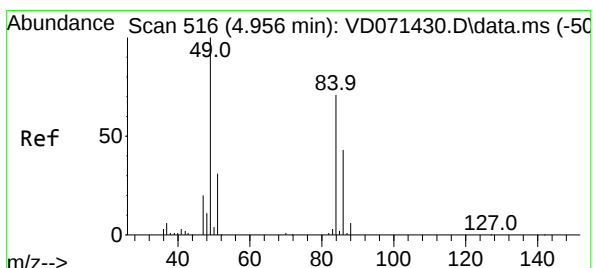
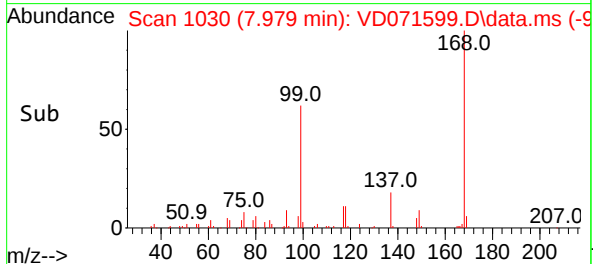
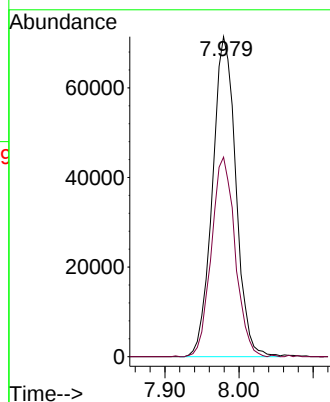
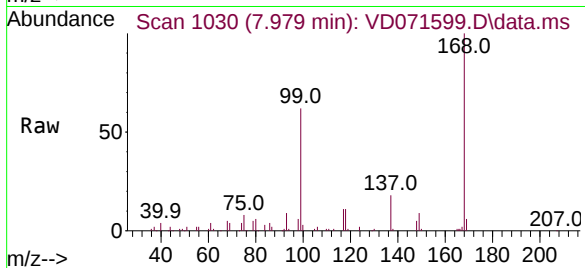
ClientSampleId :

Tgt Ion:168 Resp: 156986

Ion Ratio Lower Upper

168 100

99 62.4 46.6 69.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. 0.006 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

Tgt Ion: 84 Resp: 8783

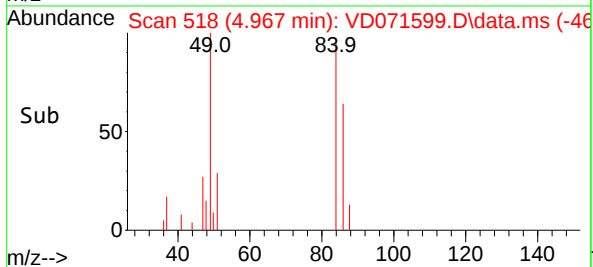
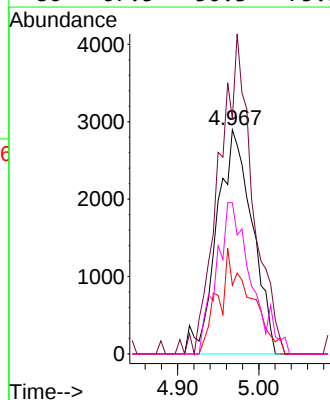
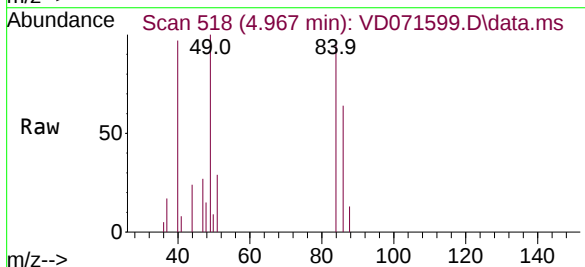
Ion Ratio Lower Upper

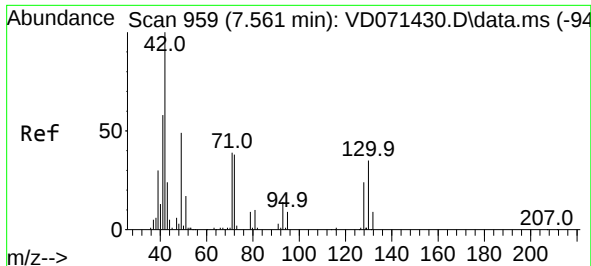
84 100

49 98.4 95.8 143.6

51 30.6 30.9 46.3#

86 67.5 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.518 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

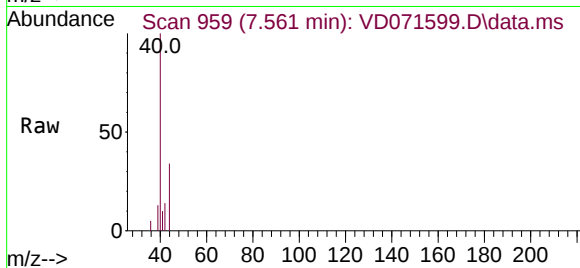
Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

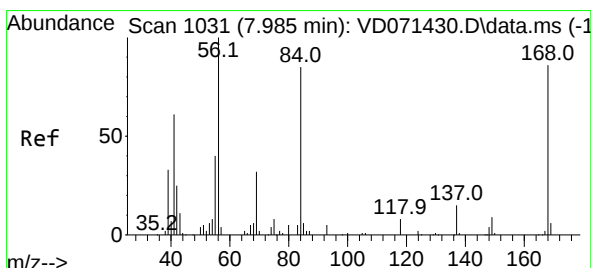
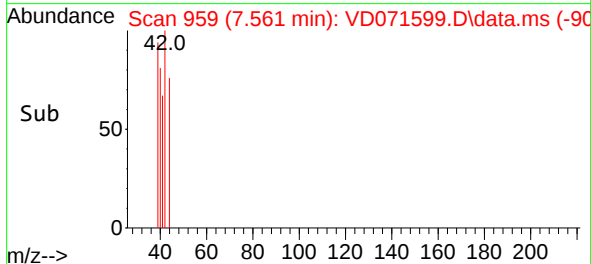
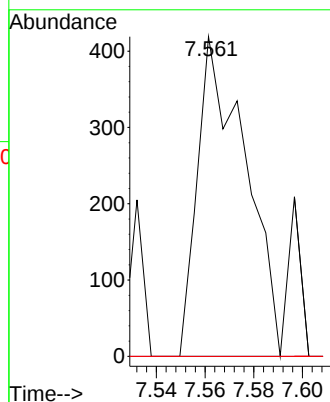
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp: 570
Ion Ratio	Lower Upper
42	100
72	0.0 33.7 50.5#
71	0.0 32.7 49.1#



#31

Cyclohexane

Concen: 1.470 ug/l

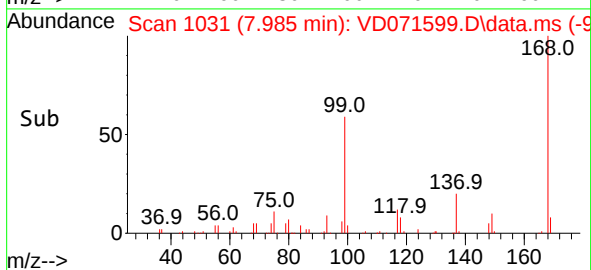
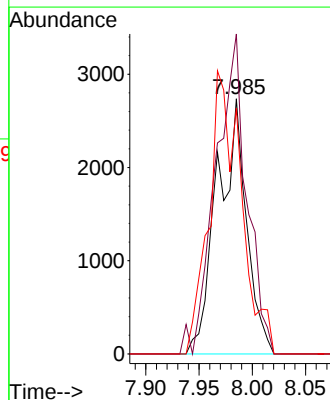
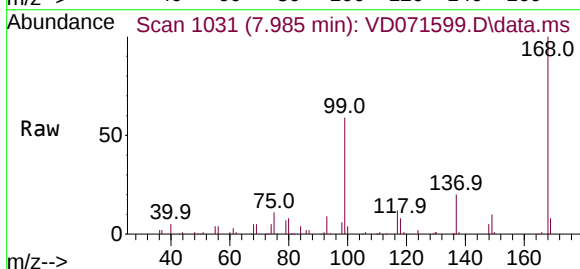
RT: 7.985 min Scan# 1031

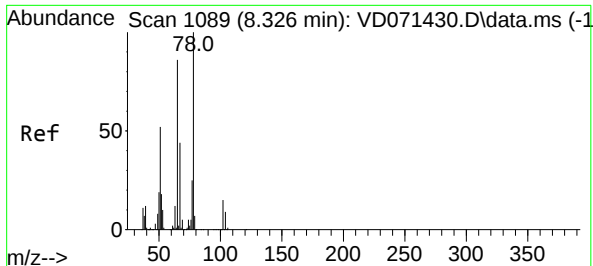
Delta R.T. -0.000 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

Tgt Ion: 56	Resp: 5208
Ion Ratio	Lower Upper
56	100
69	125.4 25.9 38.9#
84	96.3 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 69.970 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

Instrument :

MSVOA_D

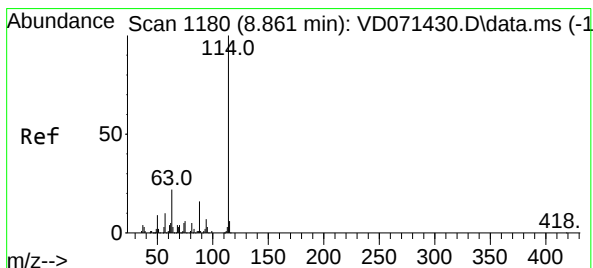
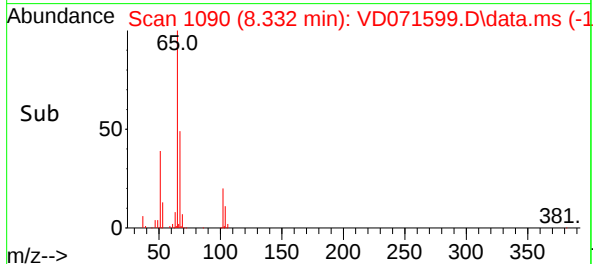
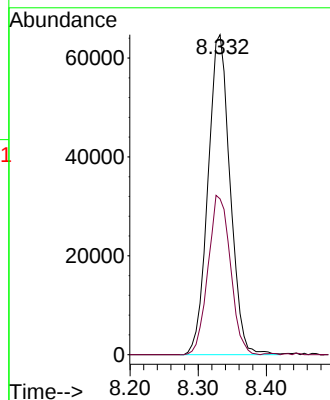
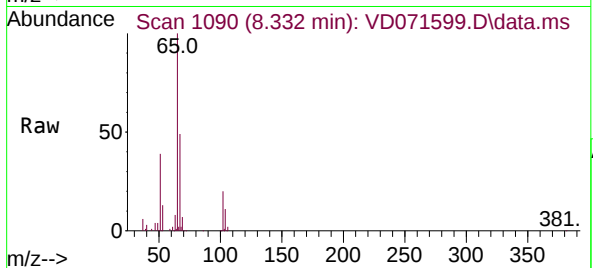
ClientSampleId :

Tgt Ion: 65 Resp: 145882

Ion Ratio Lower Upper

65 100

67 50.4 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: VD071599.D

Acq: 04 Jan 2022 18:03

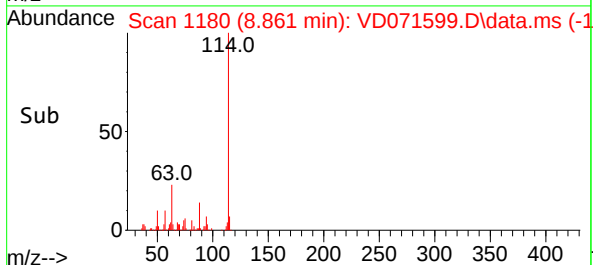
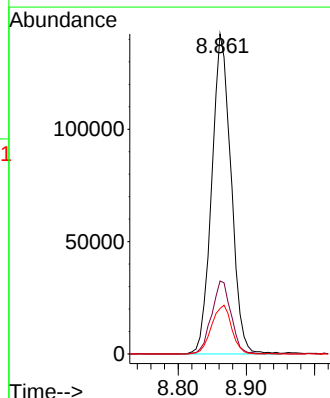
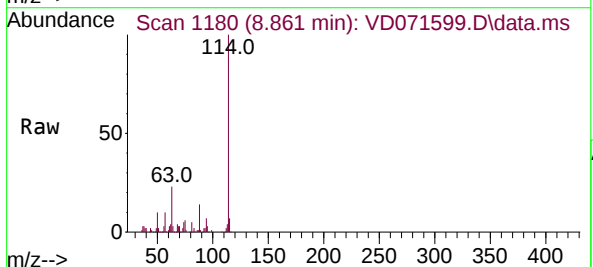
Tgt Ion: 114 Resp: 280720

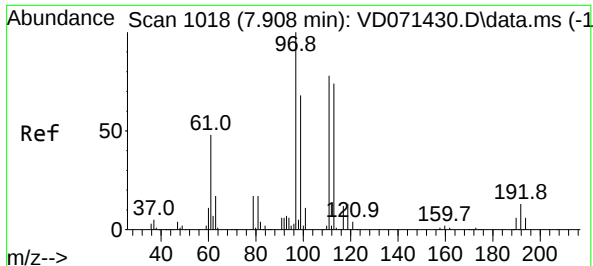
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 14.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 56.912 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

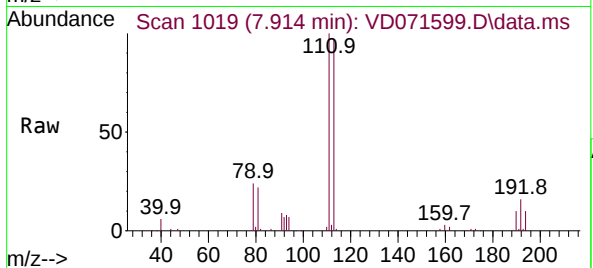
Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :



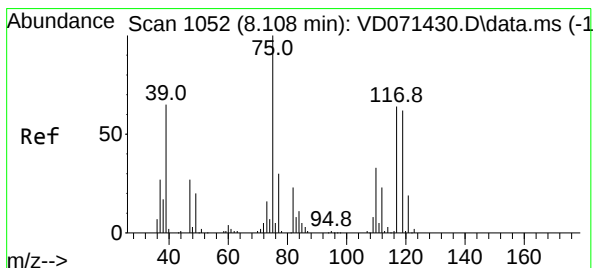
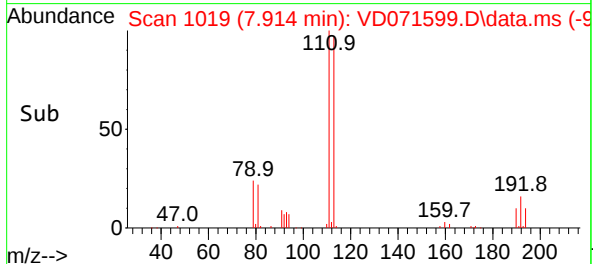
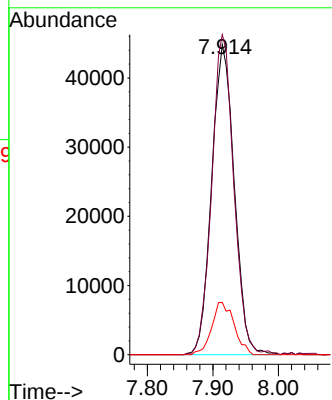
Tgt Ion:113 Resp: 107374

Ion Ratio Lower Upper

113 100

111 100.5 82.0 123.0

192 16.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.123 min

Lab File: VD071599.D

Acq: 04 Jan 2022 18:03

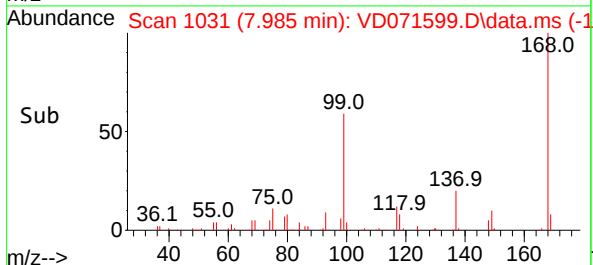
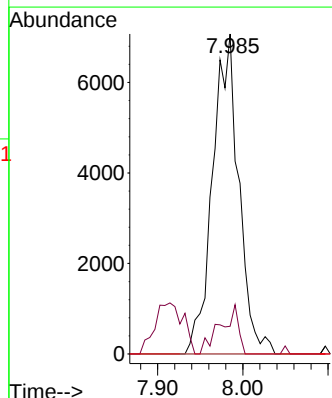
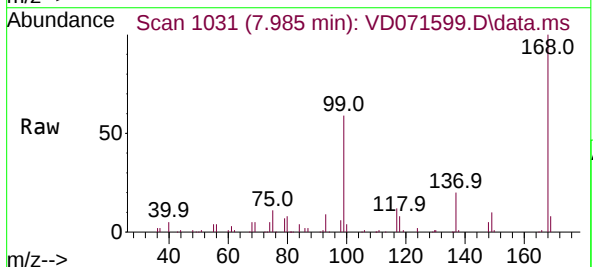
Tgt Ion: 75 Resp: 15083

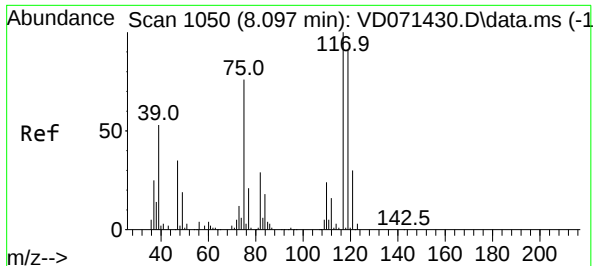
Ion Ratio Lower Upper

75 100

110 10.7 17.8 53.4#

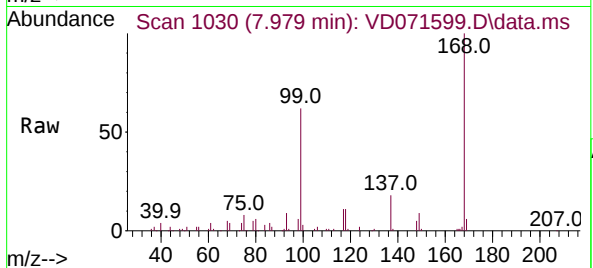
77 0.0 24.8 37.2#



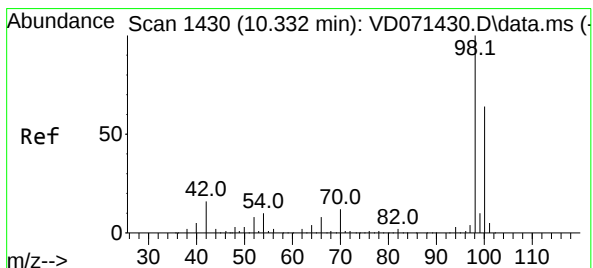
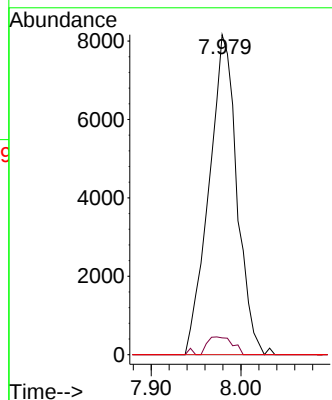
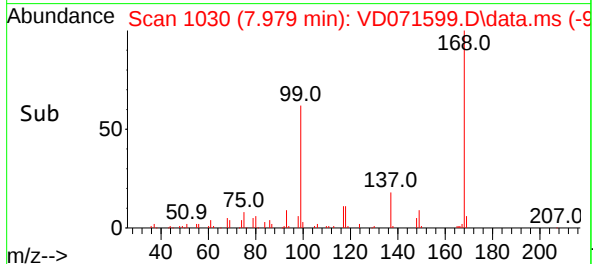


#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Instrument :
MSVOA_D
ClientSampleId :

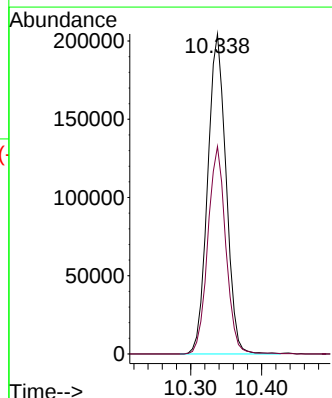
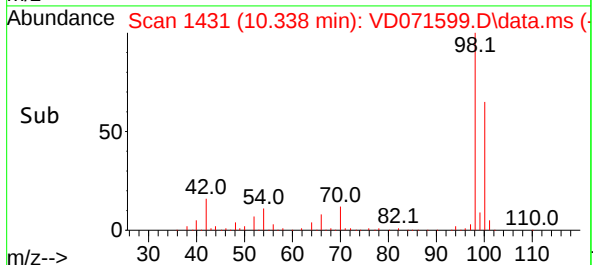
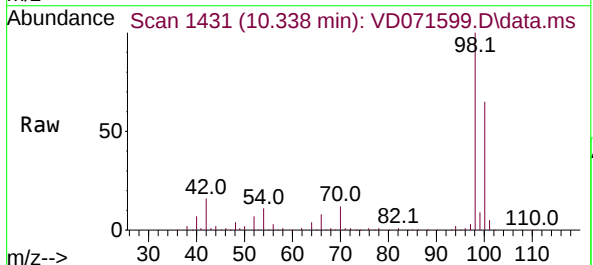


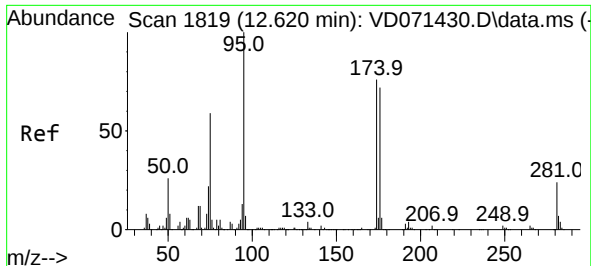
Tgt Ion:117 Resp: 17722
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 51.486 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Tgt Ion: 98 Resp: 367079
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

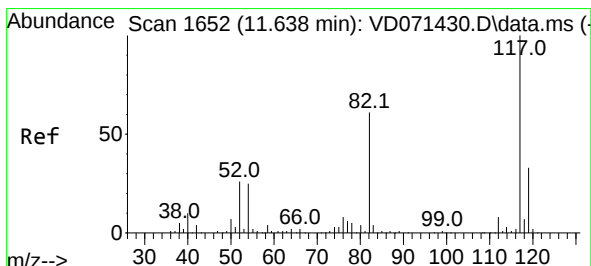
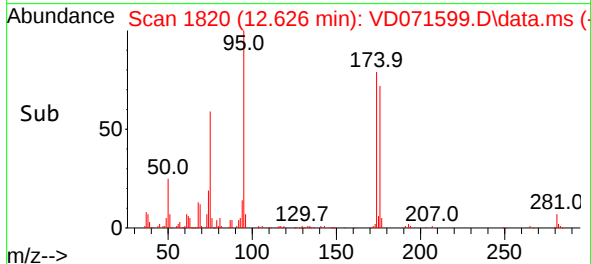
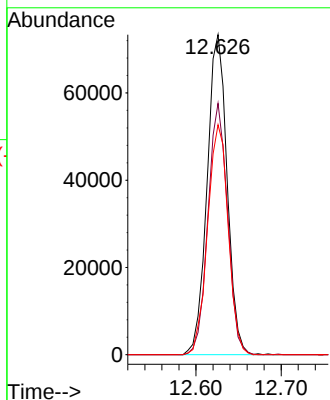
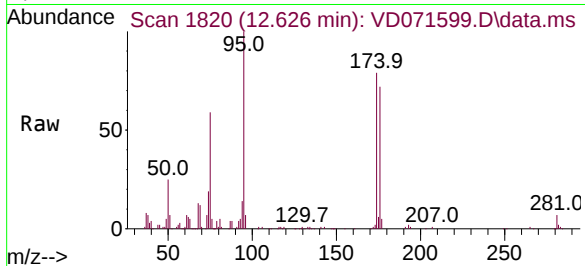




#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

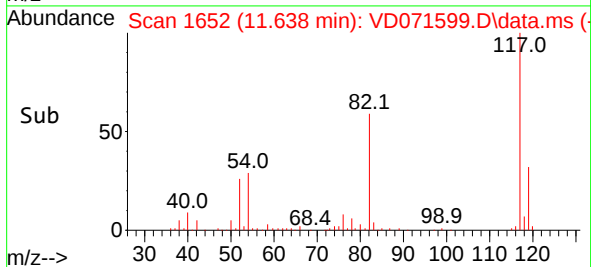
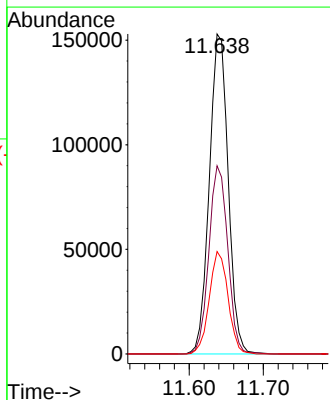
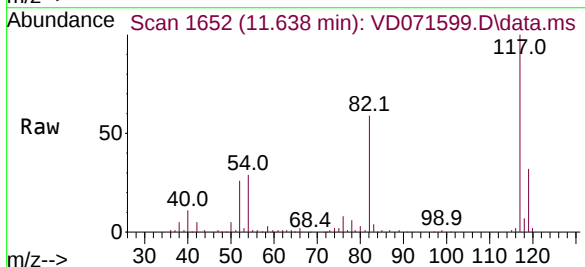
Instrument :
MSVOA_D
ClientSampleId :

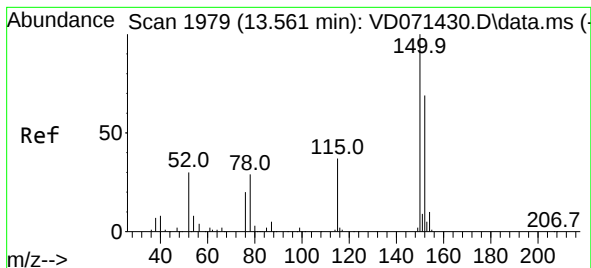
Tgt Ion: 95 Resp: 119554
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071599.D
Acq: 04 Jan 2022 18:03

Tgt Ion: 117 Resp: 270479
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.0 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: VD071599.D

Acq: 04 Jan 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

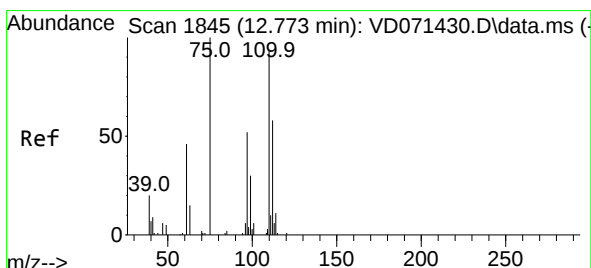
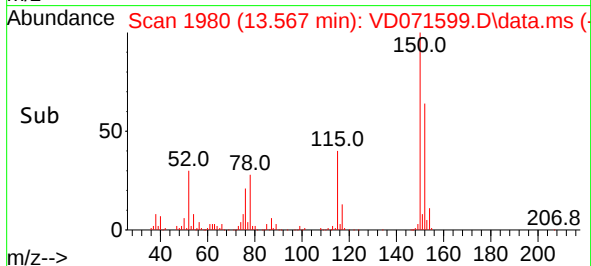
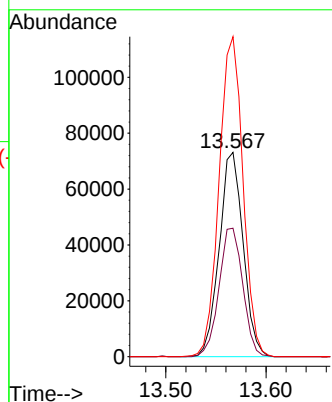
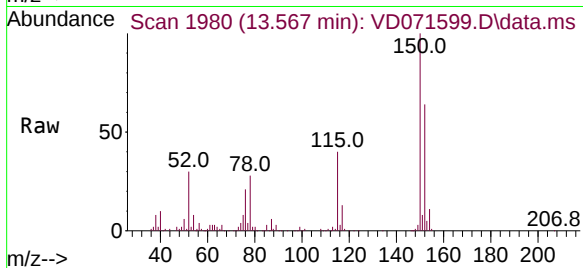
Tgt Ion:152 Resp: 120892

Ion Ratio Lower Upper

152 100

115 62.6 29.8 89.3

150 156.7 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 48.343 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071599.D

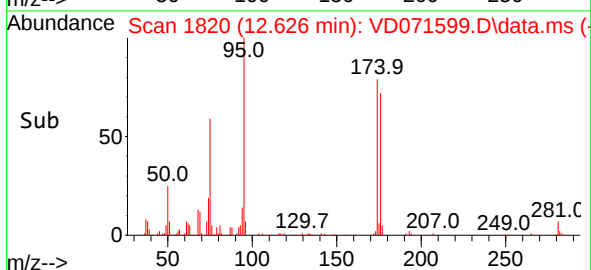
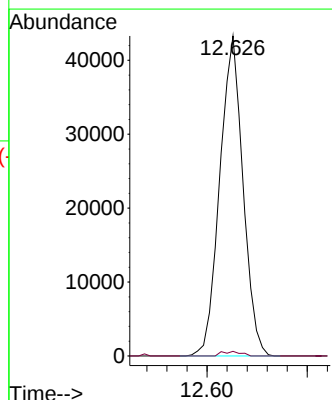
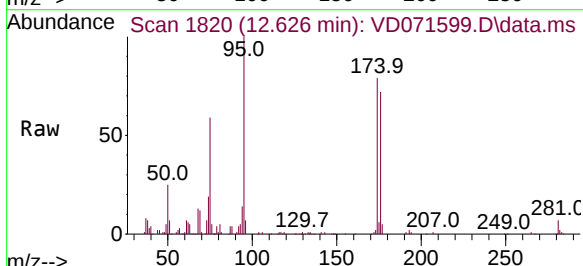
Acq: 04 Jan 2022 18:03

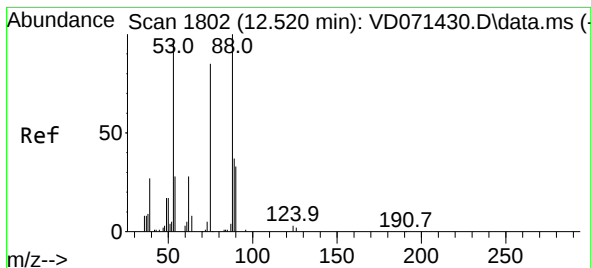
Tgt Ion: 75 Resp: 69440

Ion Ratio Lower Upper

75 100

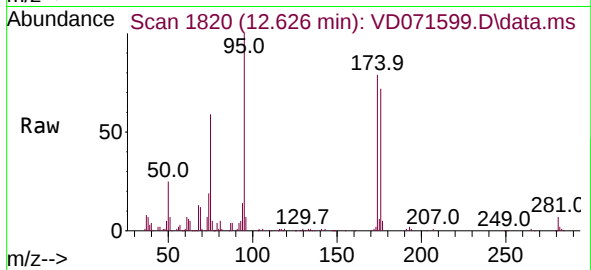
77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.593 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071599.D
 Acq: 04 Jan 2022 18:03

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 69440
 Ion Ratio Lower Upper
 75 100
 53 0.1 62.6 94.0#
 89 0.1 34.5 51.7#

