

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071610.D
 Acq On : 05 Jan 2022 13:23
 Operator : VA/SY
 Sample : M5329-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 15:17:26 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)

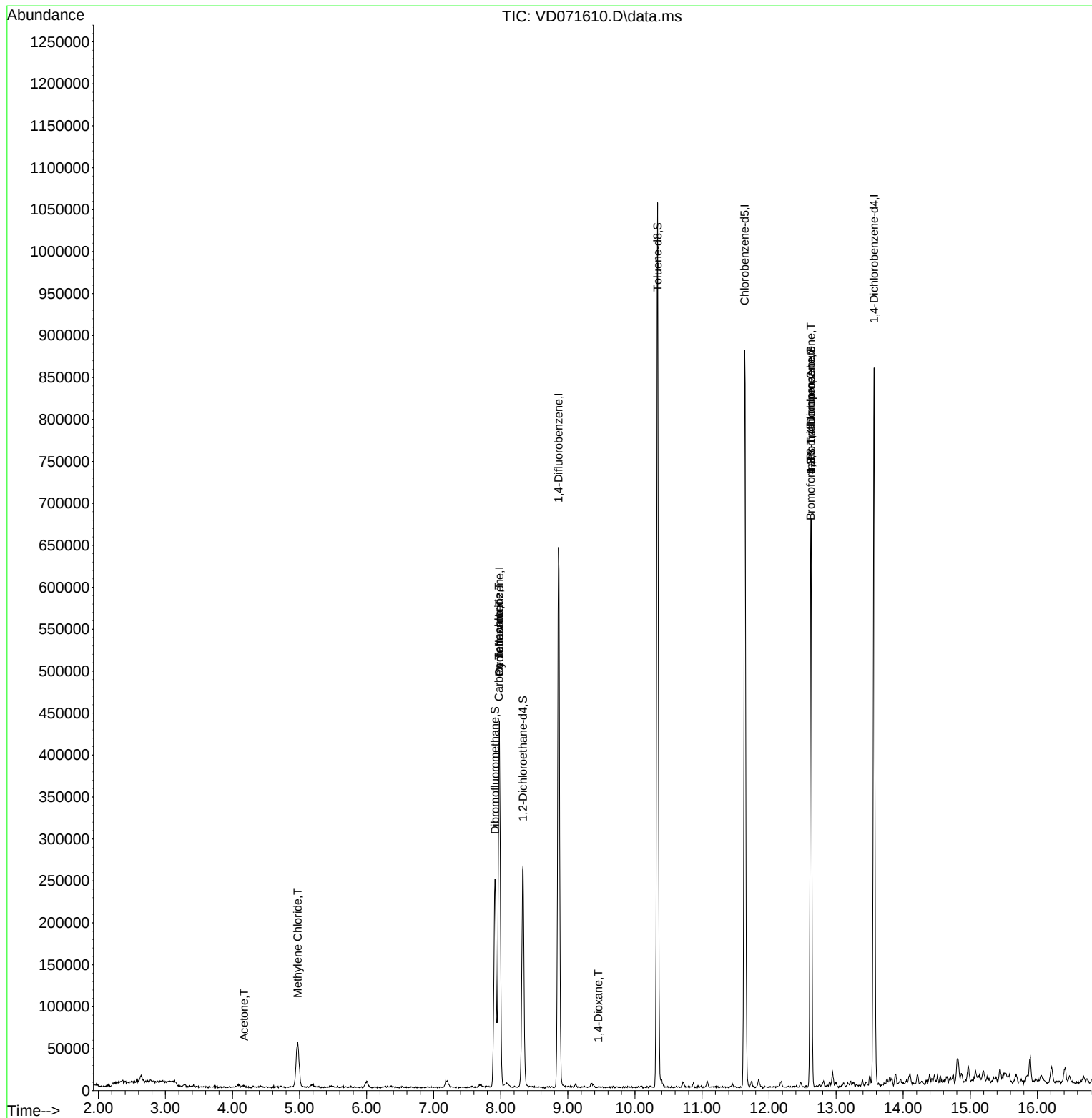
Internal Standards						
1) Pentafluorobenzene	7.979	168	288036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	462359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	203600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210883	55.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.914	113	171610	49.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.338	98	657127	49.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.626	95	209491	44.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.220%
Target Compounds						
11) Tert butyl alcohol	5.191	59	3445	Below Cal	#	71
16) Acetone	4.173	43	3332	3.468	ug/l #	71
20) Methylene Chloride	4.973	84	36856	3.947	ug/l	90
31) Cyclohexane	7.979	56	10483	1.613	ug/l #	47
38) Carbon Tetrachloride	7.973	117	31839	5.776	ug/l #	15
49) 1,4-Dioxane	9.455	88	59	2.425	ug/l #	23
71) Bromoform	12.620	173	1911	1.019	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	117171	48.435	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117171	136.855	ug/l #	18

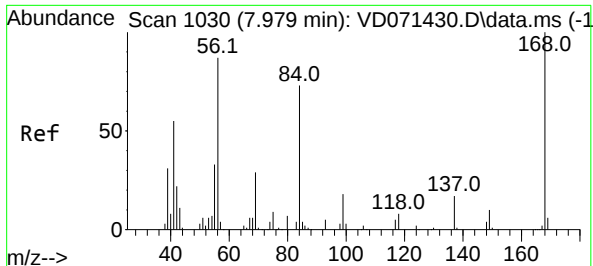
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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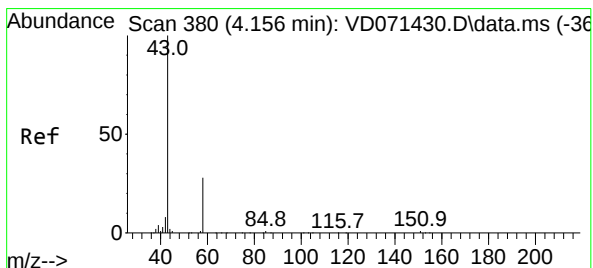
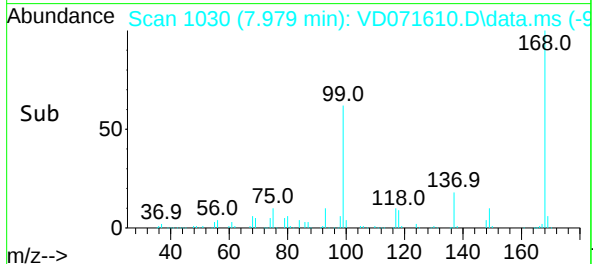
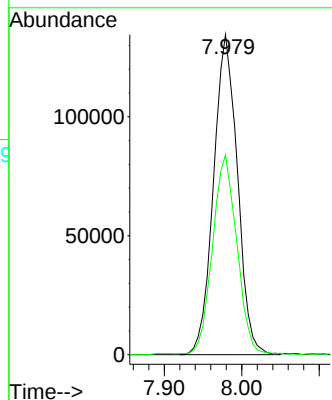
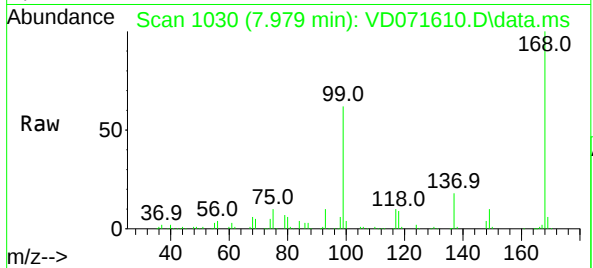




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

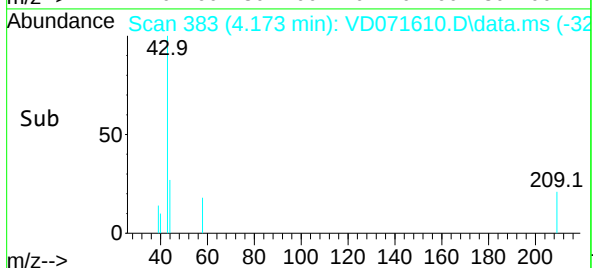
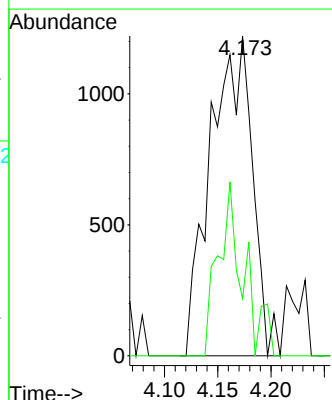
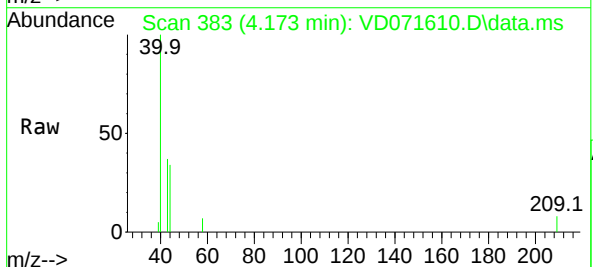
Instrument :
MSVOA_D
ClientSampleId :

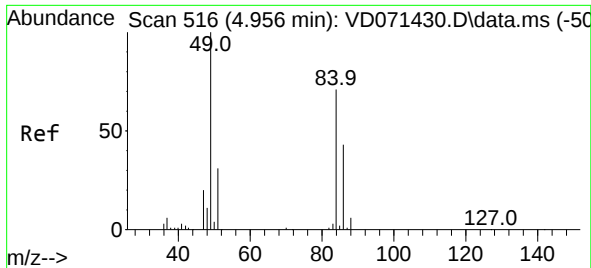
Tgt Ion:168 Resp: 288036
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#16
Acetone
Concen: 3.468 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

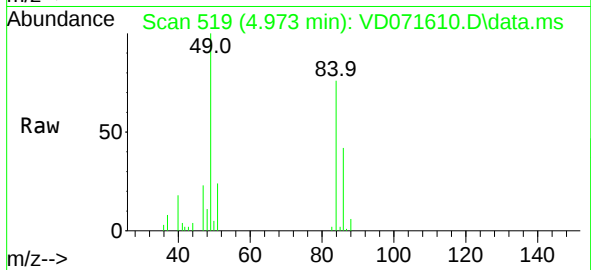
Tgt Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#



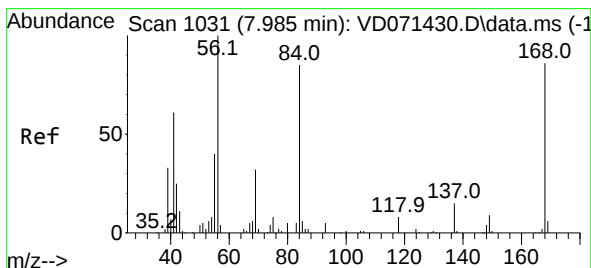
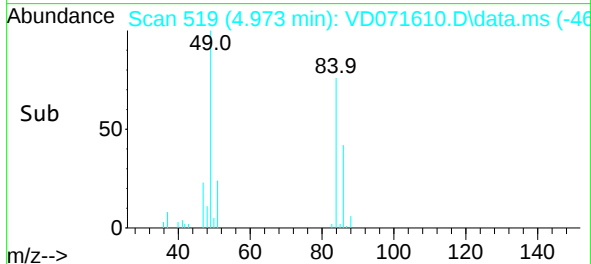
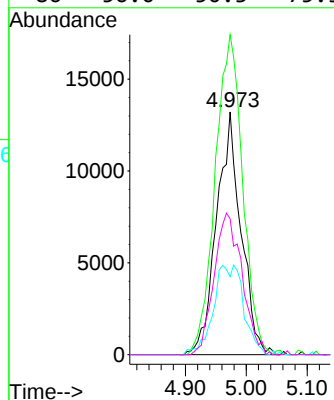


#20
Methylene Chloride
Concen: 3.947 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :

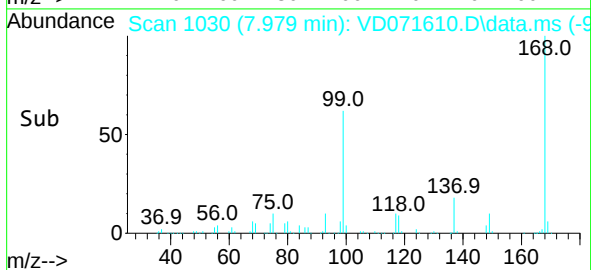
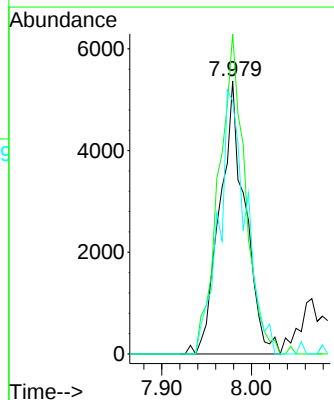
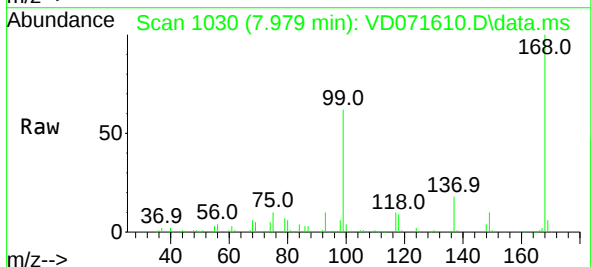


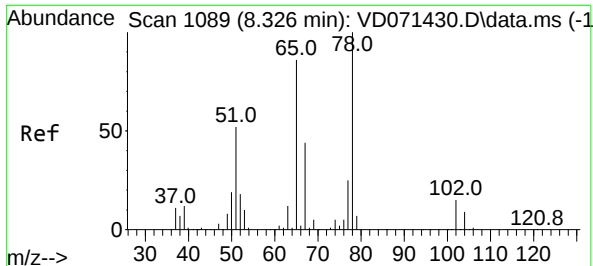
Tgt	Ion: 84	Resp:	36856
Ion	Ratio	Lower	Upper
84	100		
49	131.9	95.8	143.6
51	32.2	30.9	46.3
86	56.0	50.3	75.5



#31
Cyclohexane
Concen: 1.613 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Tgt Ion: 56	Resp: 10483
Ion Ratio	Lower Upper
56 100	
69 117.3	25.9 38.9#
84 92.7	64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 55.128 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071610.D

Acq: 05 Jan 2022 13:23

Instrument :

MSVOA_D

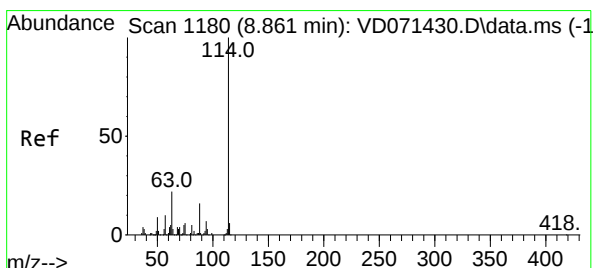
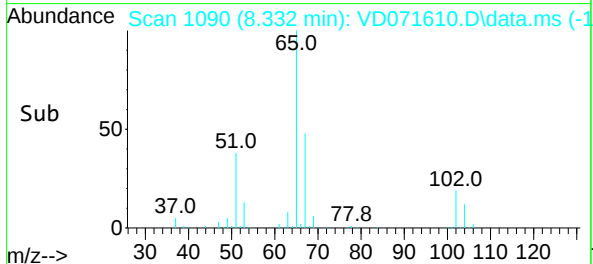
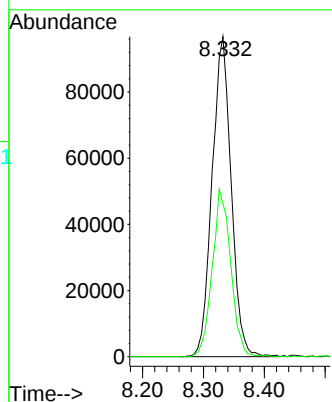
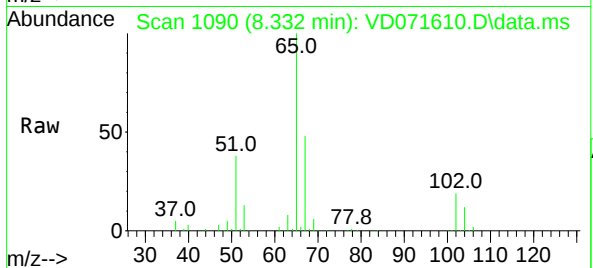
ClientSampleId :

Tgt Ion: 65 Resp: 210883

Ion Ratio Lower Upper

65 100

67 50.6 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: VD071610.D

Acq: 05 Jan 2022 13:23

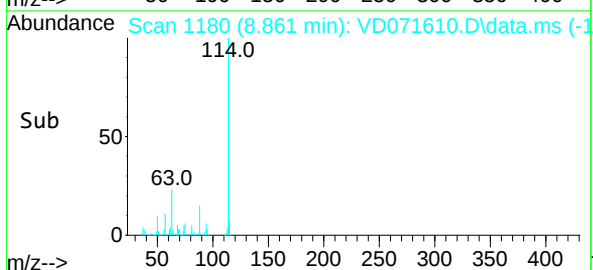
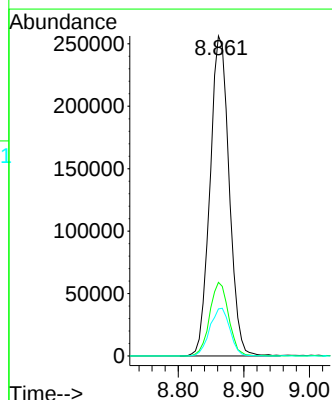
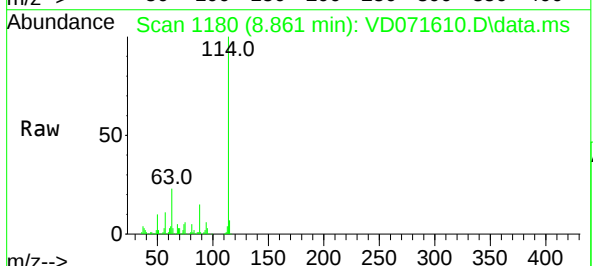
Tgt Ion: 114 Resp: 520320

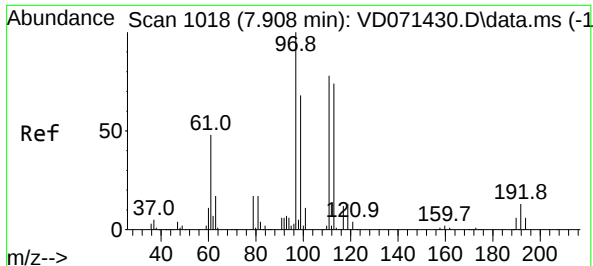
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 14.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.074 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

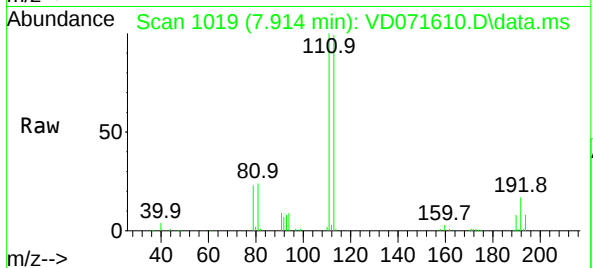
Lab File: VD071610.D

Acq: 05 Jan 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :



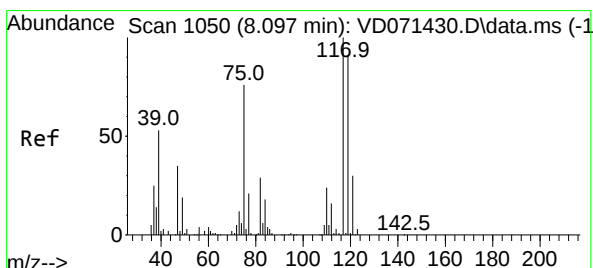
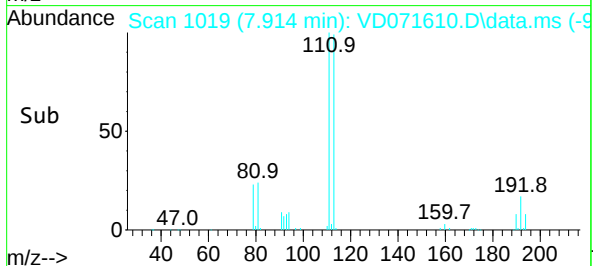
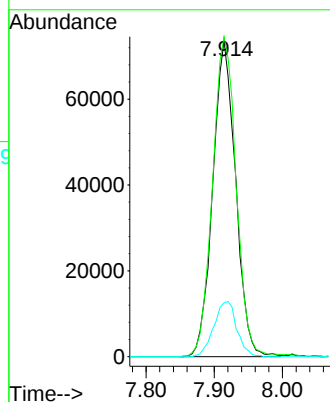
Tgt Ion:113 Resp: 171610

Ion Ratio Lower Upper

113 100

111 105.1 82.0 123.0

192 17.5 15.2 22.8



#38

Carbon Tetrachloride

Concen: 5.776 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071610.D

Acq: 05 Jan 2022 13:23

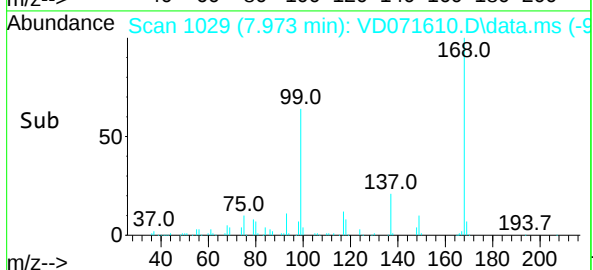
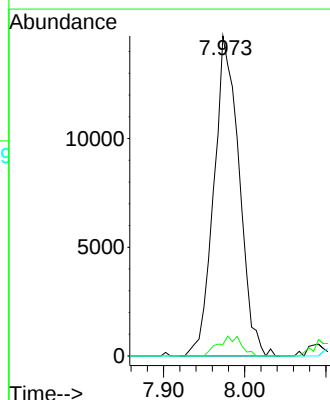
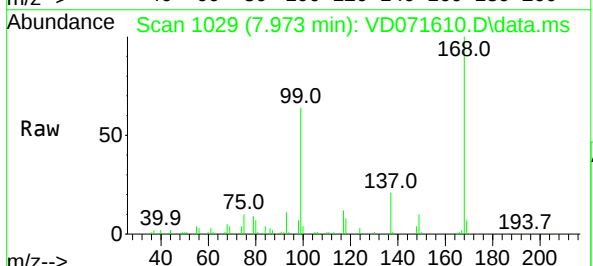
Tgt Ion:117 Resp: 31839

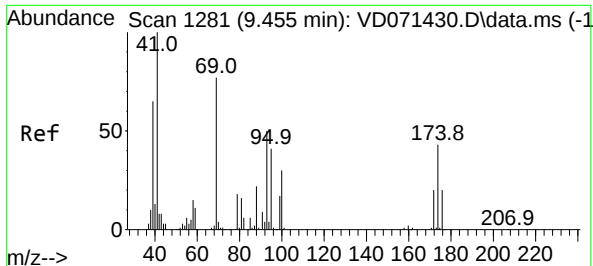
Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

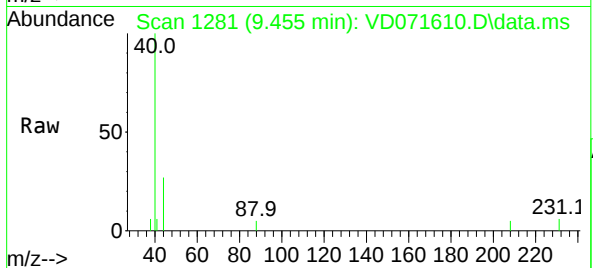
121 0.0 23.6 35.4#



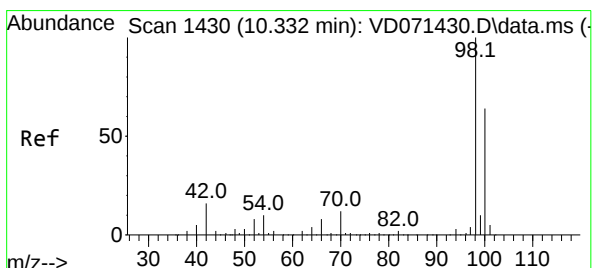
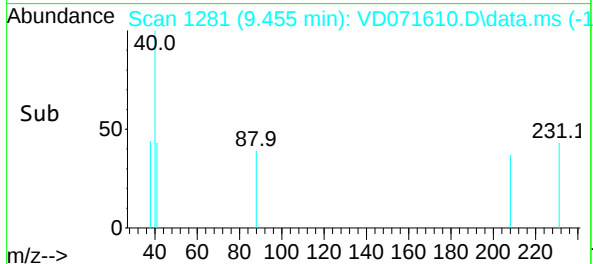
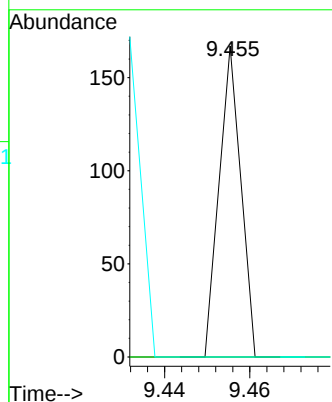


#49
1,4-Dioxane
Concen: 2.425 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :

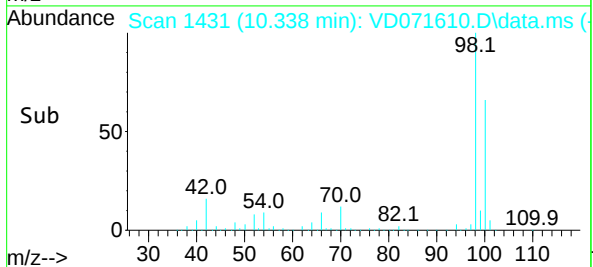
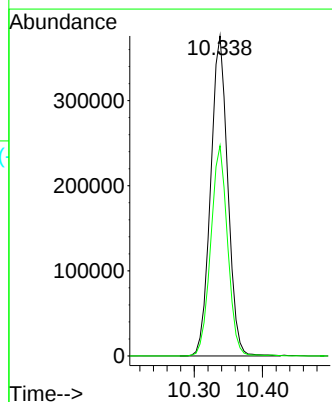
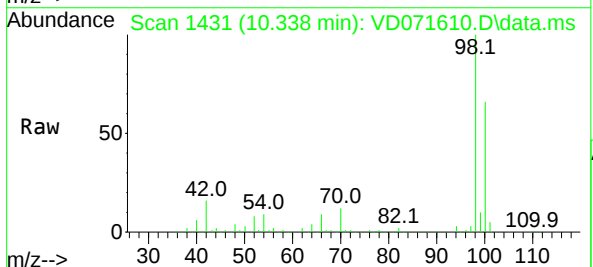


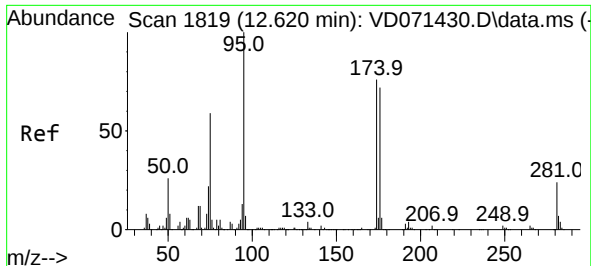
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#



#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Tgt Ion: 98 Resp: 657127
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

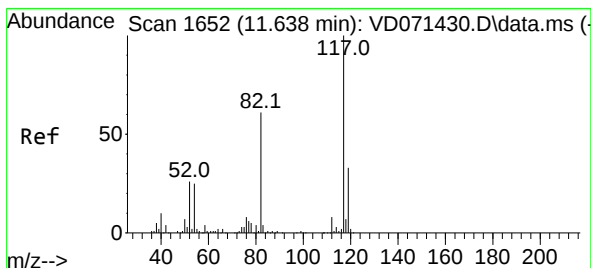
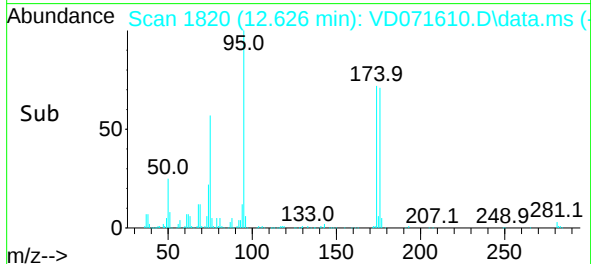
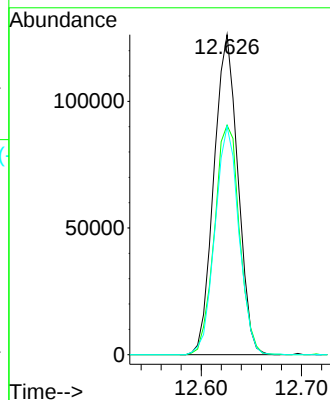
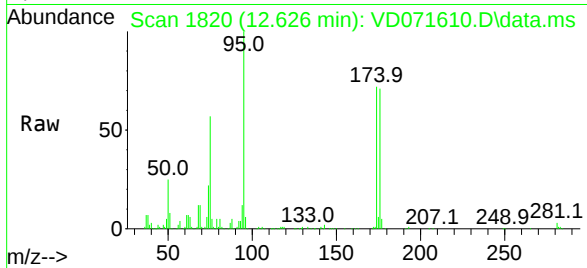




#62
4-Bromofluorobenzene
Concen: 44.611 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

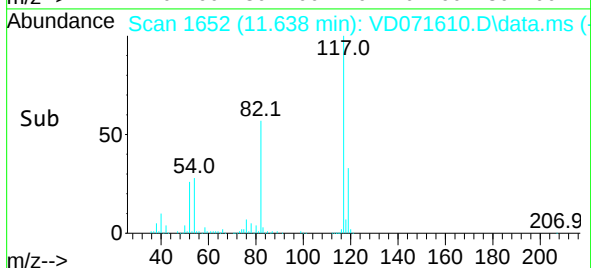
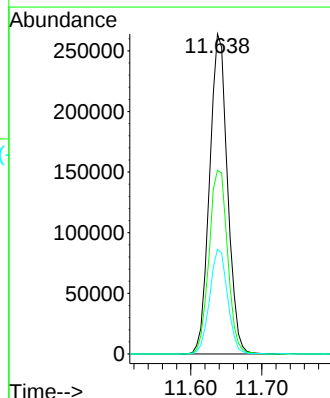
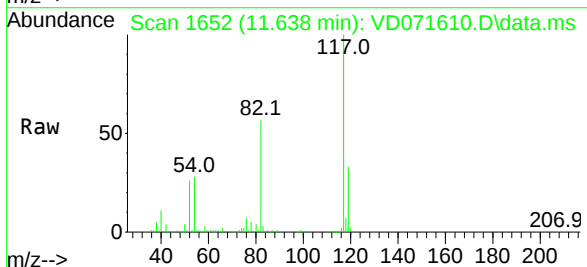
Instrument :
MSVOA_D
ClientSampleId :

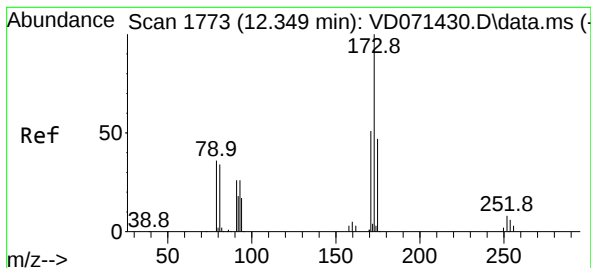
Tgt Ion: 95 Resp: 209491
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.4
176 71.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Tgt Ion: 117 Resp: 462359
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 32.7 26.2 39.4





#71

Bromoform

Concen: 1.019 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.271 min

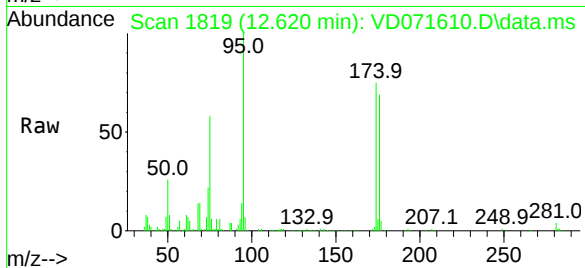
Lab File: VD071610.D

Acq: 05 Jan 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :



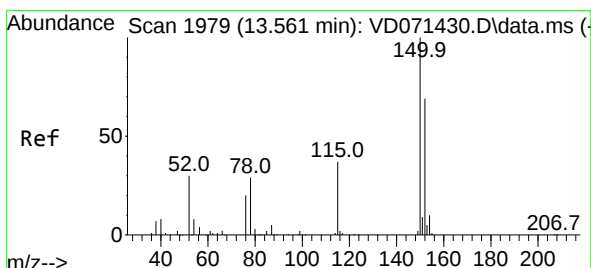
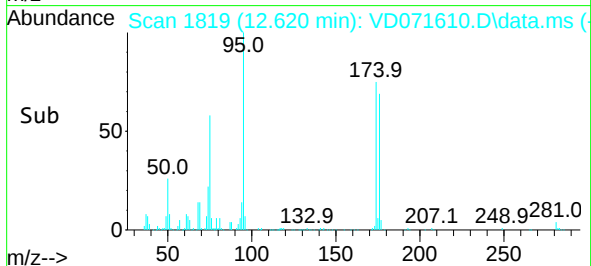
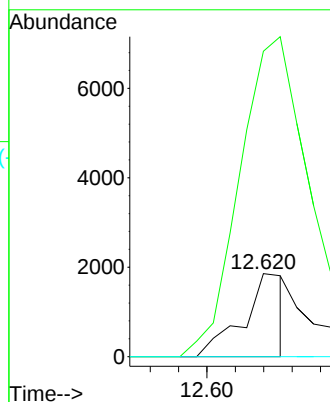
Tgt Ion:173 Resp: 1911

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071610.D

Acq: 05 Jan 2022 13:23

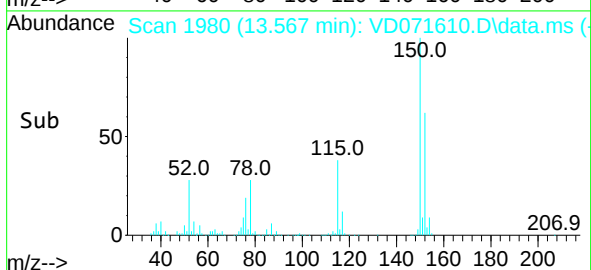
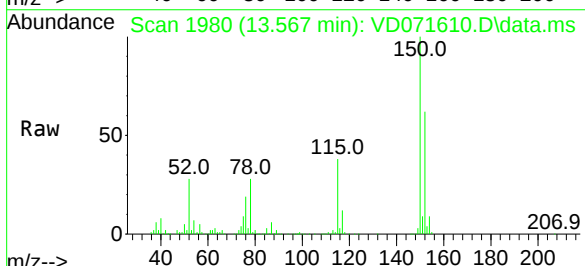
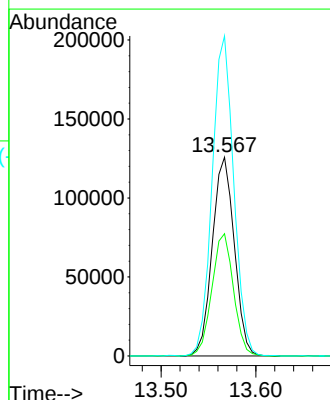
Tgt Ion:152 Resp: 203600

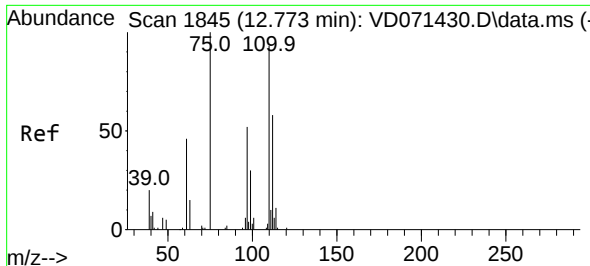
Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

150 157.8 0.0 349.2

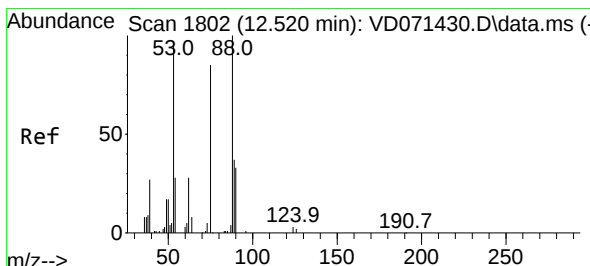
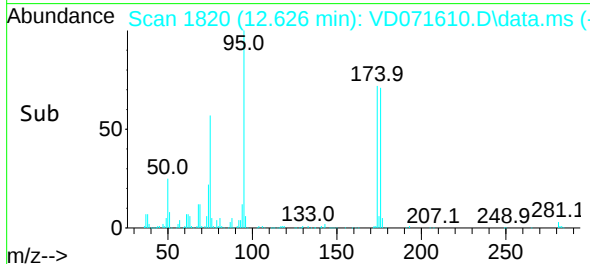
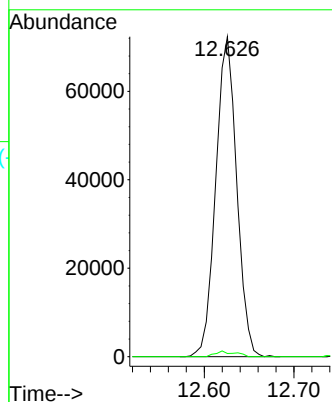
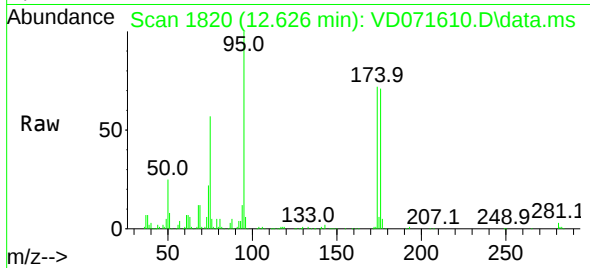




#76
1,2,3-Trichloropropane
Concen: 48.435 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 117171
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.855 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071610.D
Acq: 05 Jan 2022 13:23

Tgt Ion: 75 Resp: 117171
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

