

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071613.D
 Acq On : 05 Jan 2022 14:46
 Operator : VA/SY
 Sample : M5330-02
 Misc : 6.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:03:21 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)

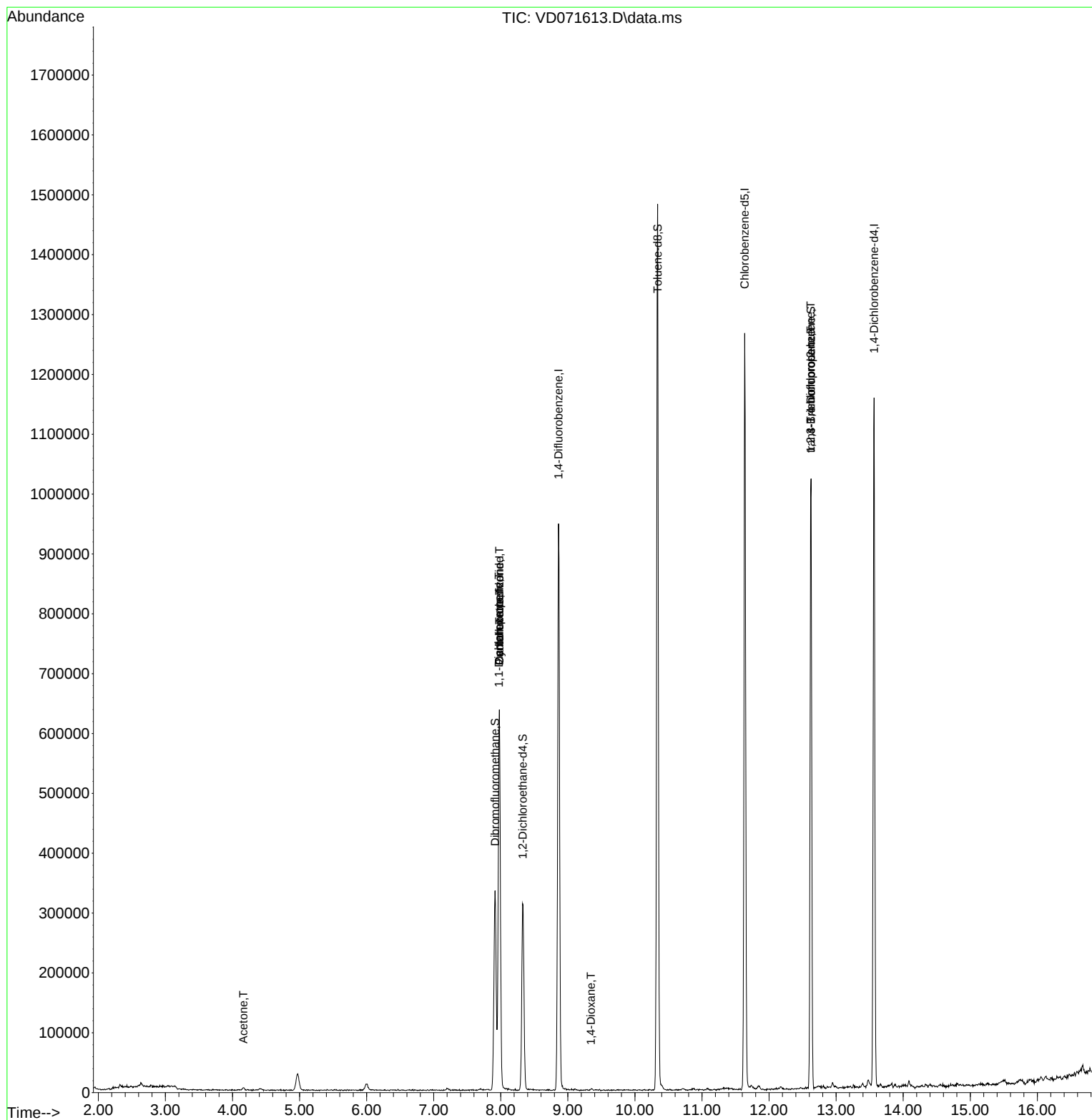
Internal Standards						
1) Pentafluorobenzene	7.979	168	435552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	742498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250803	43.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.720%
35) Dibromofluoromethane	7.914	113	230066	46.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.200%
50) Toluene-d8	10.338	98	935630	49.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.626	95	288989	43.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	67	Below Cal	#	71
16) Acetone	4.162	43	5603	3.856	ug/l	97
20) Methylene Chloride	4.973	84	20105	Below Cal	#	87
31) Cyclohexane	7.979	56	13287	1.352	ug/l	# 31
36) 1,1-Dichloropropene	7.973	75	41360	5.188	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	48394	6.153	ug/l	# 18
49) 1,4-Dioxane	9.344	88	63	1.814	ug/l	# 23
76) 1,2,3-Trichloropropane	12.620	75	165697	50.850	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	165697	143.679	ug/l	# 18

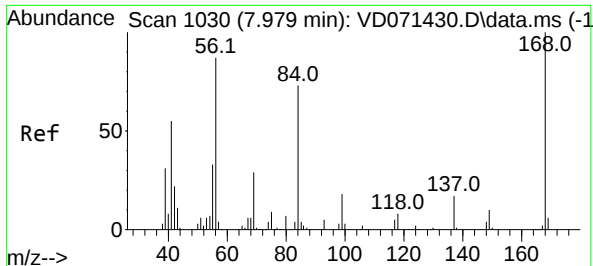
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

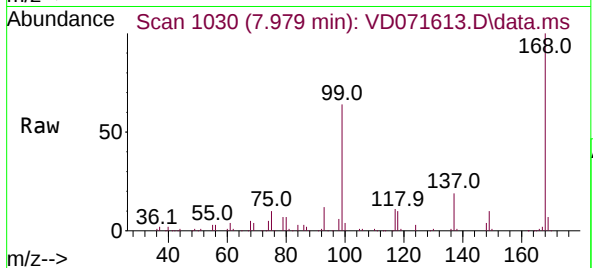
Quant Time: Jan 06 07:03:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



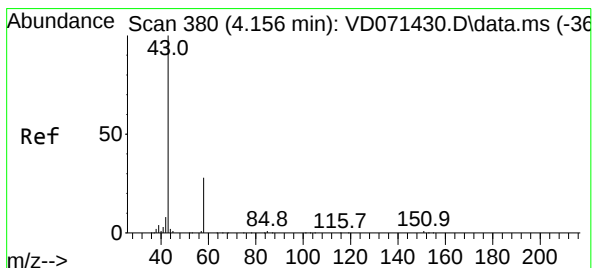
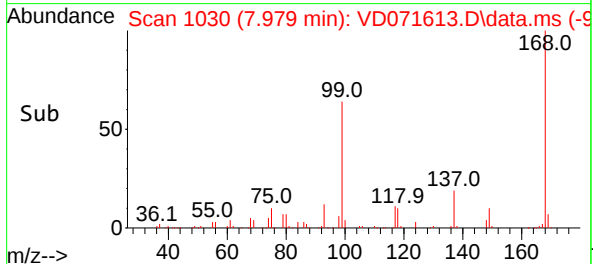
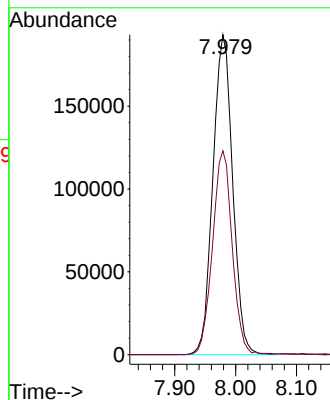


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :

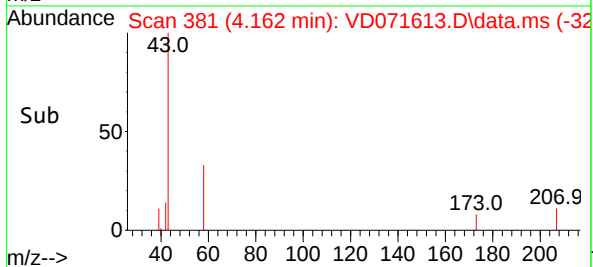
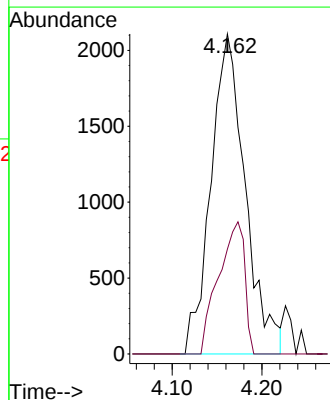
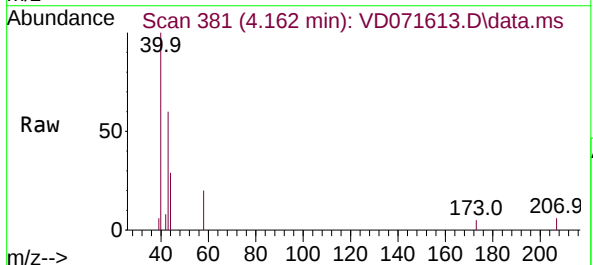


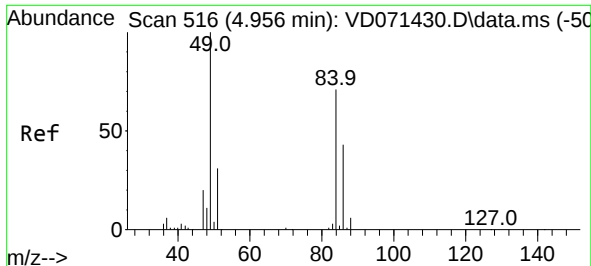
Tgt Ion:168 Resp: 435552
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#16
Acetone
Concen: 3.856 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

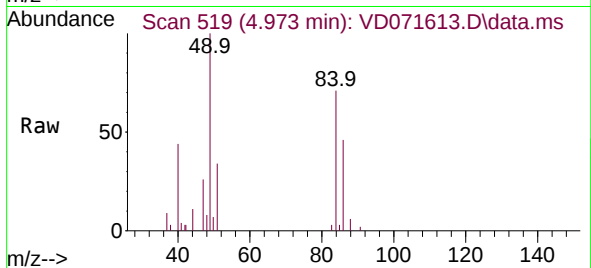
Tgt Ion: 43 Resp: 5603
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



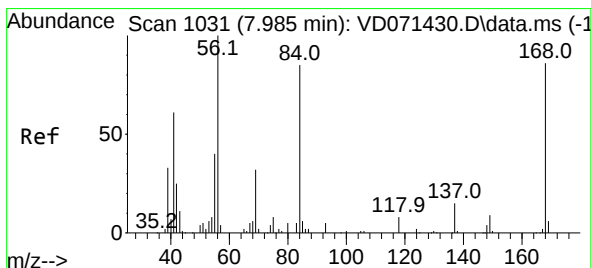
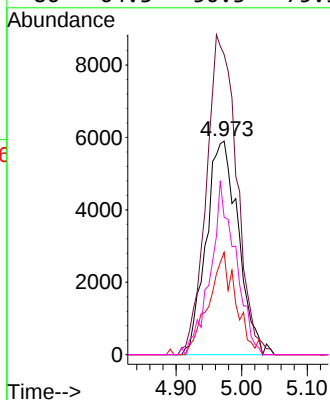
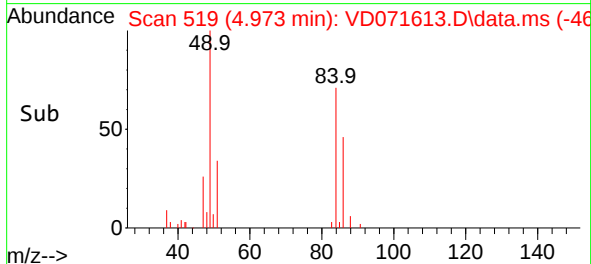


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

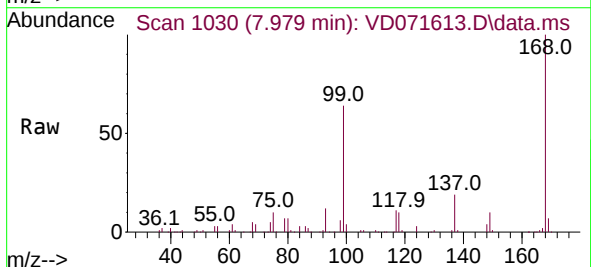
Instrument :
MSVOA_D
ClientSampleId :



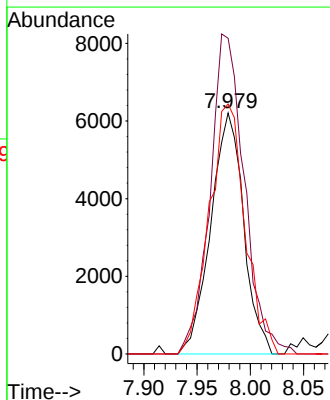
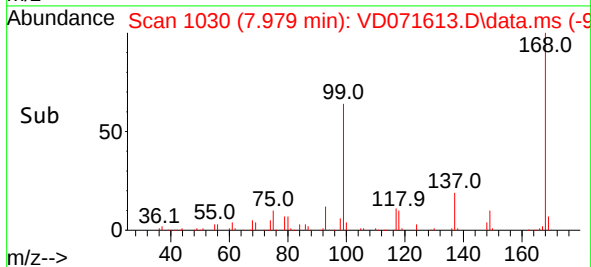
Tgt Ion:	84	Resp:	20105
Ion	Ratio	Lower	Upper
84	100		
49	140.5	95.8	143.6
51	48.0	30.9	46.3#
86	64.3	50.3	75.5

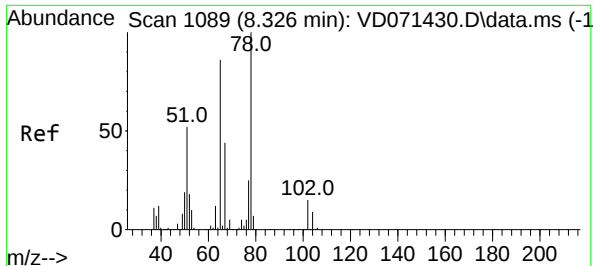


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46



Tgt Ion:	56	Resp:	13287
Ion	Ratio	Lower	Upper
56	100		
69	131.0	25.9	38.9#
84	103.7	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 43.358 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071613.D

Acq: 05 Jan 2022 14:46

Instrument :

MSVOA_D

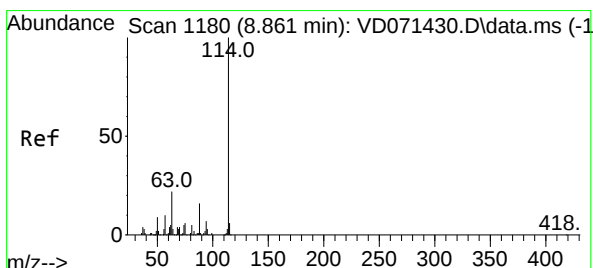
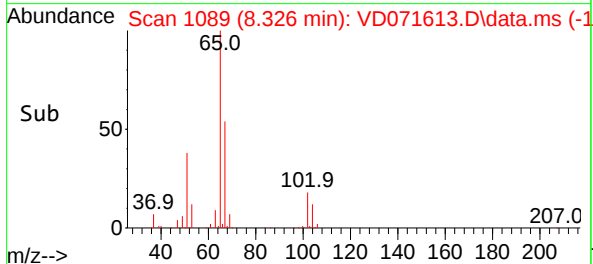
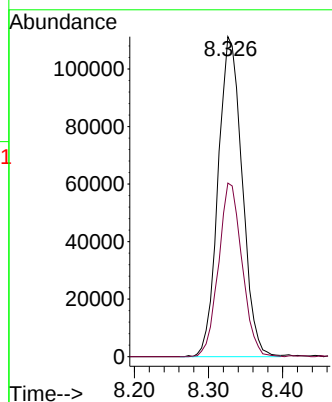
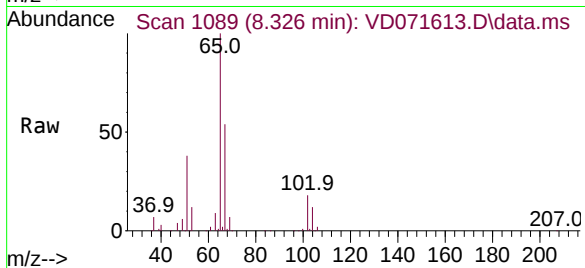
ClientSampleId :

Tgt Ion: 65 Resp: 250803

Ion Ratio Lower Upper

65 100

67 53.0 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: VD071613.D

Acq: 05 Jan 2022 14:46

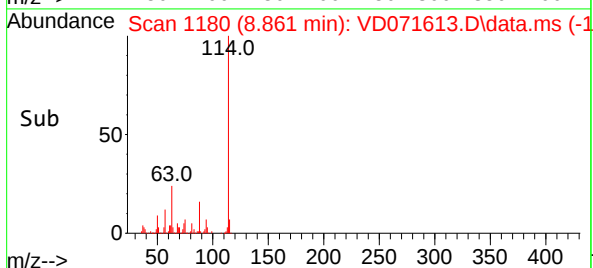
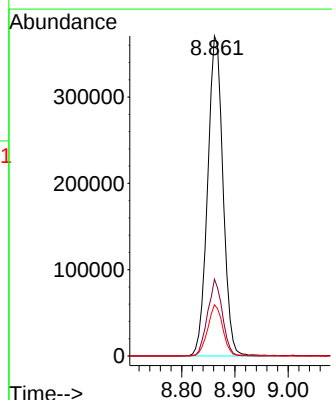
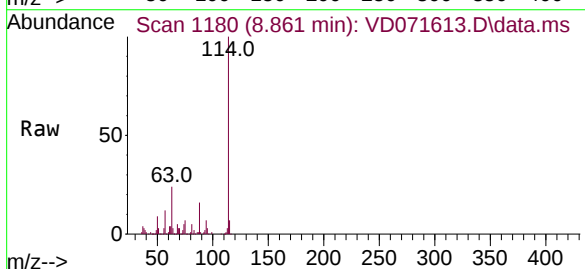
Tgt Ion:114 Resp: 742498

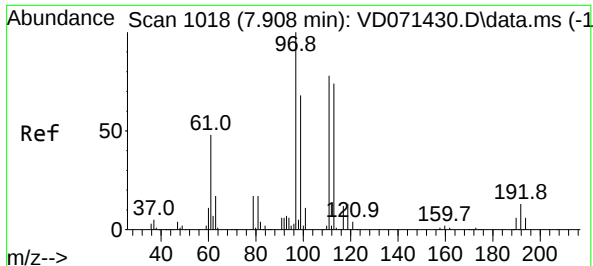
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.104 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

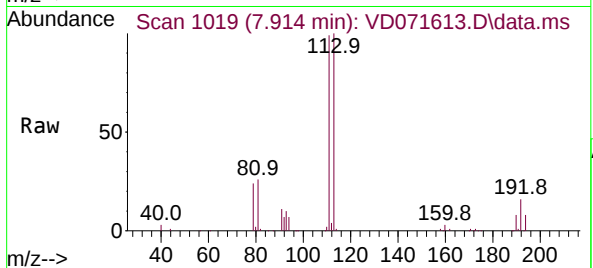
Lab File: VD071613.D

Acq: 05 Jan 2022 14:46

Instrument :

MSVOA_D

ClientSampleId :



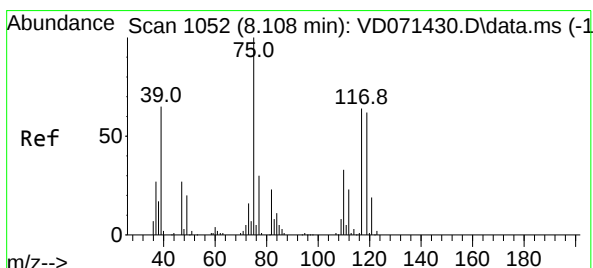
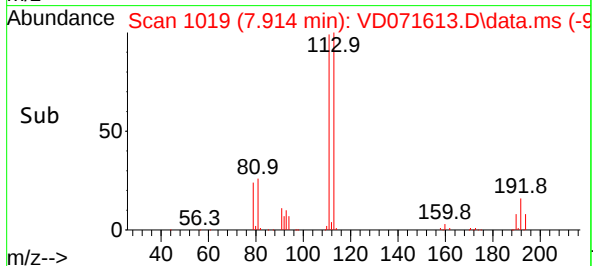
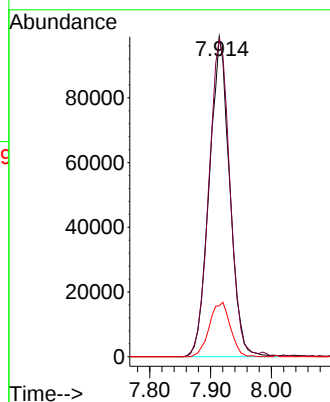
Tgt Ion:113 Resp: 230066

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 17.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071613.D

Acq: 05 Jan 2022 14:46

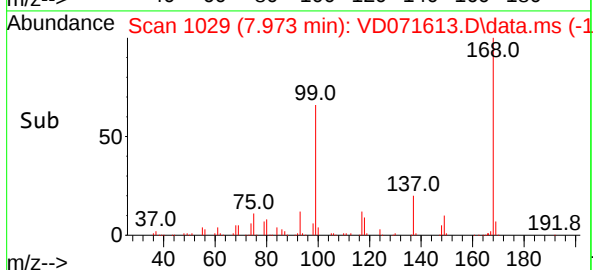
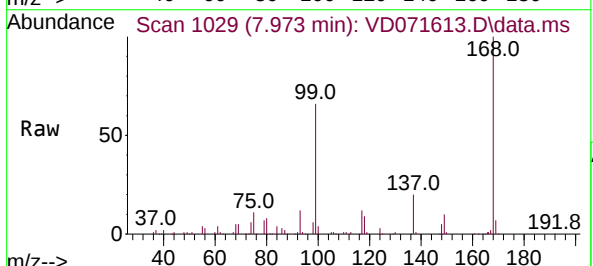
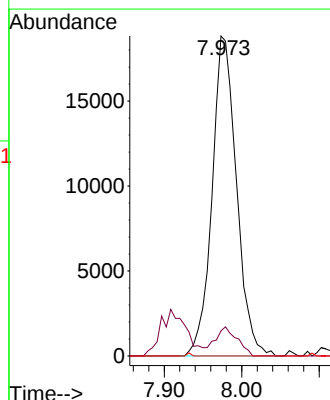
Tgt Ion: 75 Resp: 41360

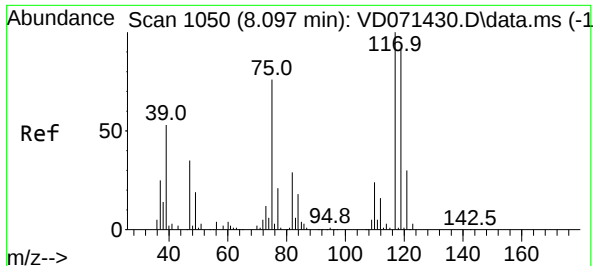
Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.4#

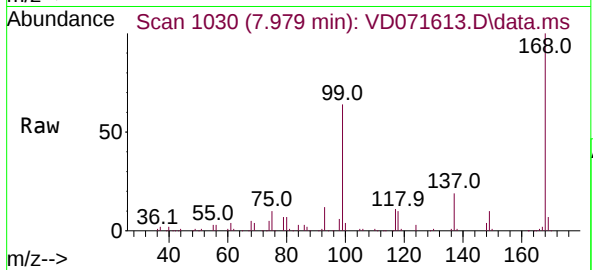
77 0.0 24.8 37.2#



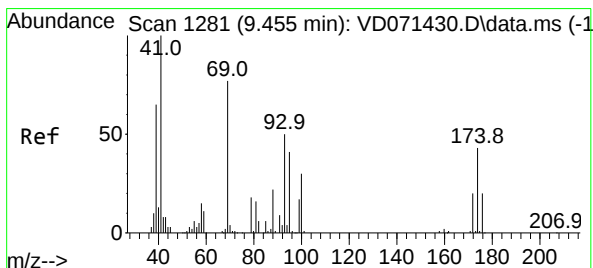
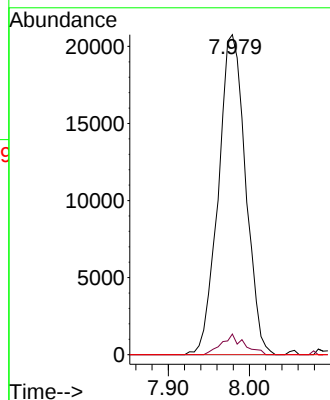
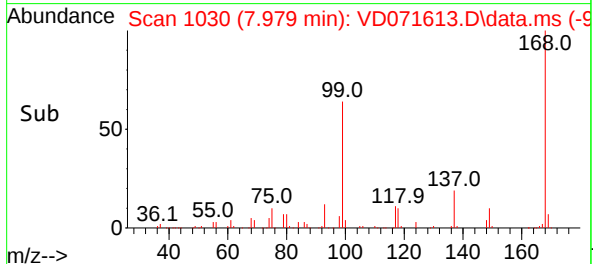


#38
Carbon Tetrachloride
Concen: 6.153 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

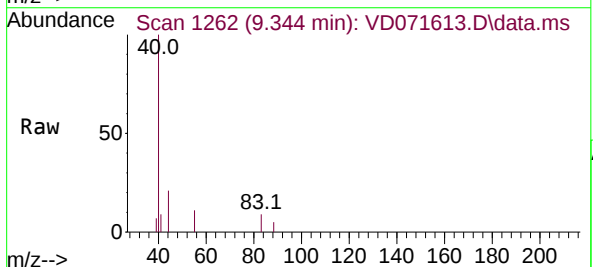
Instrument :
MSVOA_D
ClientSampleId :



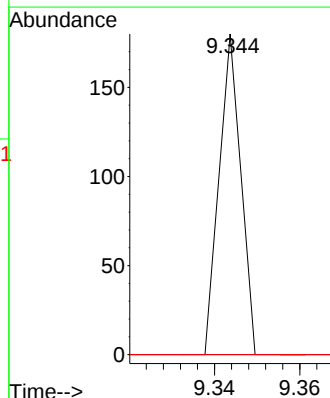
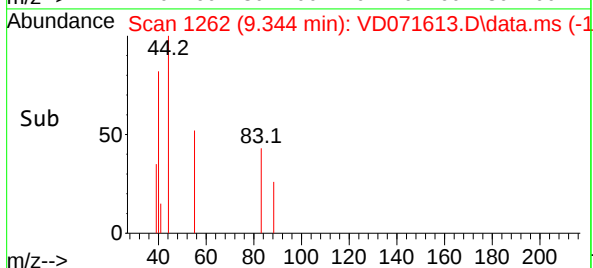
Tgt Ion:117 Resp: 48394
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 23.6 35.4#

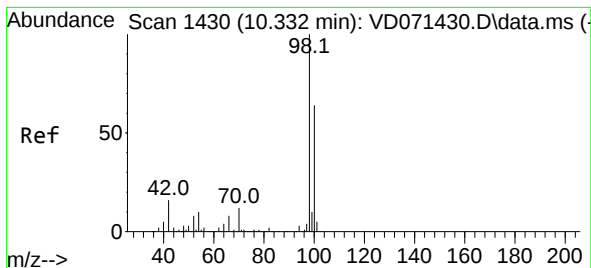


#49
1,4-Dioxane
Concen: 1.814 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.111 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46



Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#





#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.338 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VD071613.D

Acq: 05 Jan 2022 14:46

Instrument :

MSVOA_D

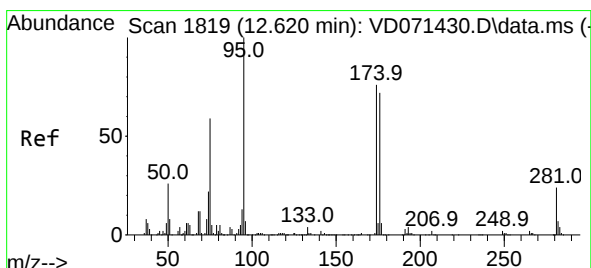
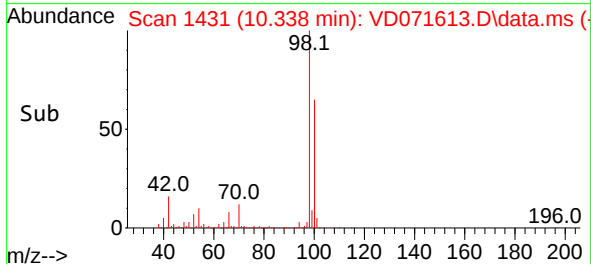
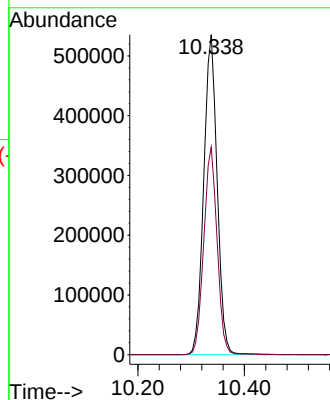
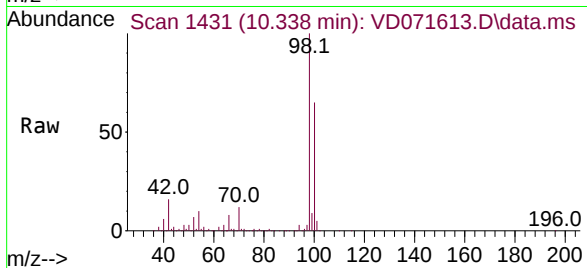
ClientSampleId :

Tgt Ion: 98 Resp: 935630

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 43.125 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071613.D

Acq: 05 Jan 2022 14:46

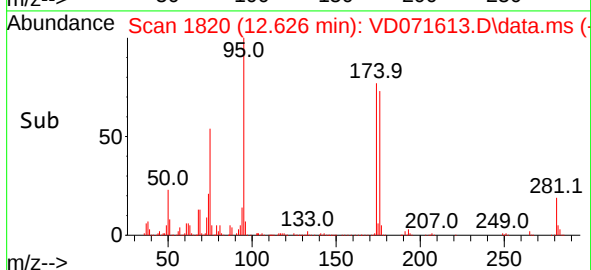
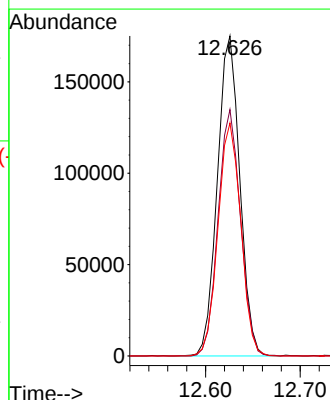
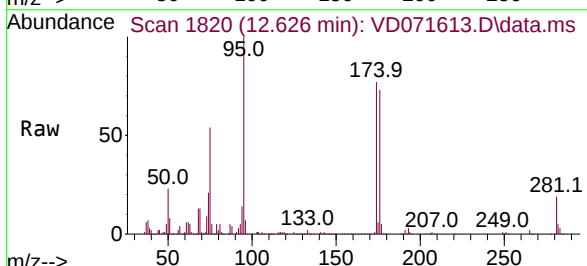
Tgt Ion: 95 Resp: 288989

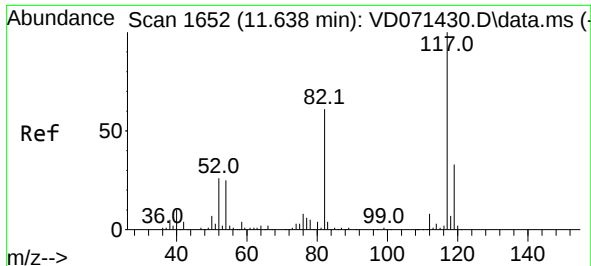
Ion Ratio Lower Upper

95 100

174 76.7 0.0 159.4

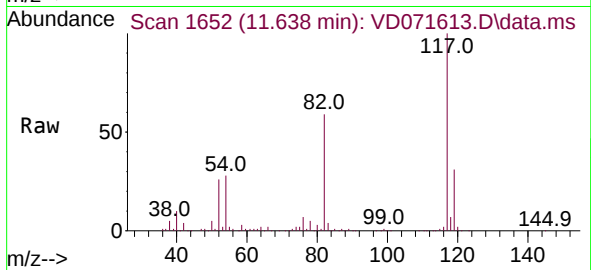
176 73.7 0.0 154.0



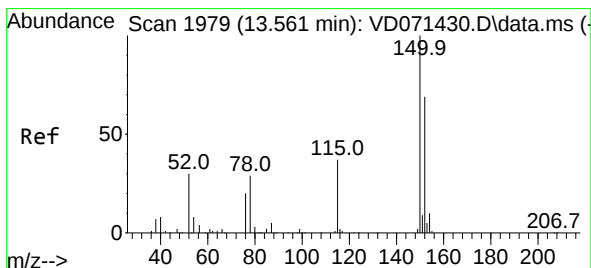
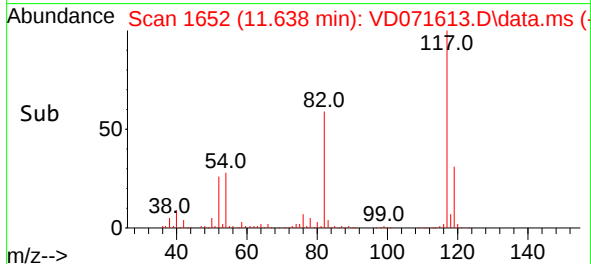
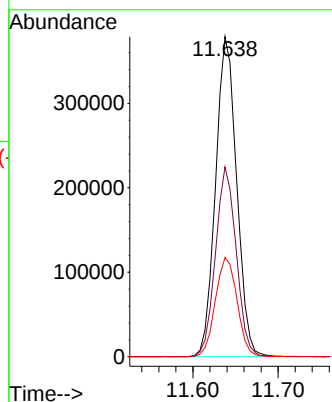


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :

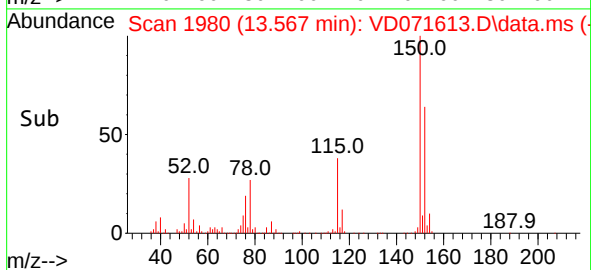
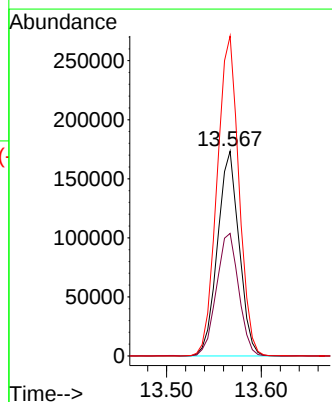
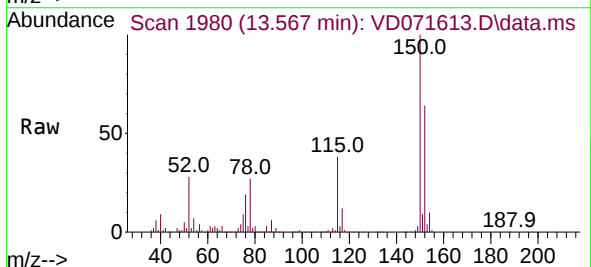


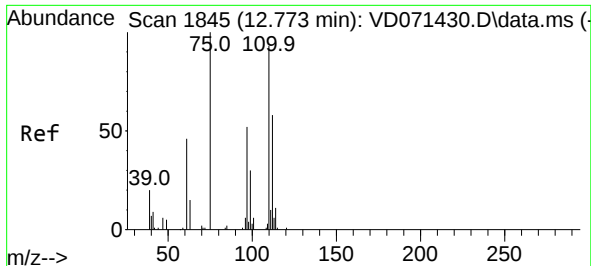
Tgt Ion:117 Resp: 652082
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 30.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

Tgt Ion:152 Resp: 274246
Ion Ratio Lower Upper
152 100
115 61.9 29.8 89.3
150 158.2 0.0 349.2

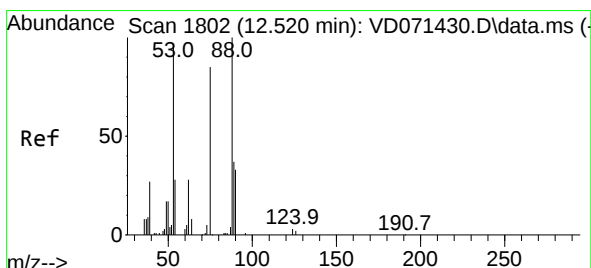
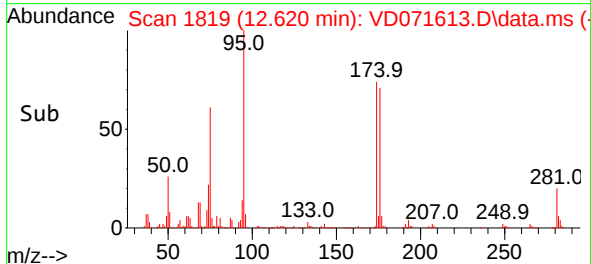
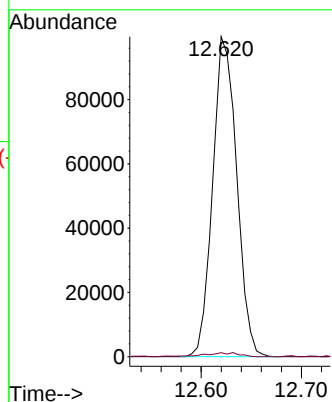
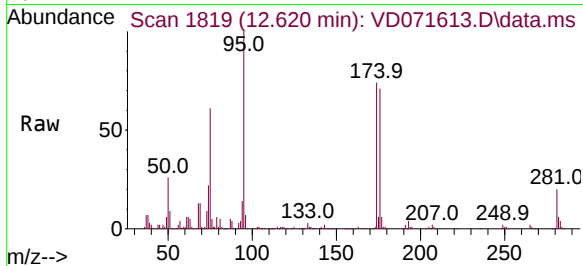




#76
1,2,3-Trichloropropane
Concen: 50.850 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 165697
Ion Ratio Lower Upper
75 100
77 1.8 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.679 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071613.D
Acq: 05 Jan 2022 14:46

Tgt Ion: 75 Resp: 165697
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.3 34.5 51.7#

