

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071616.D
 Acq On : 05 Jan 2022 16:10
 Operator : VA/SY
 Sample : N1014-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:04:09 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)

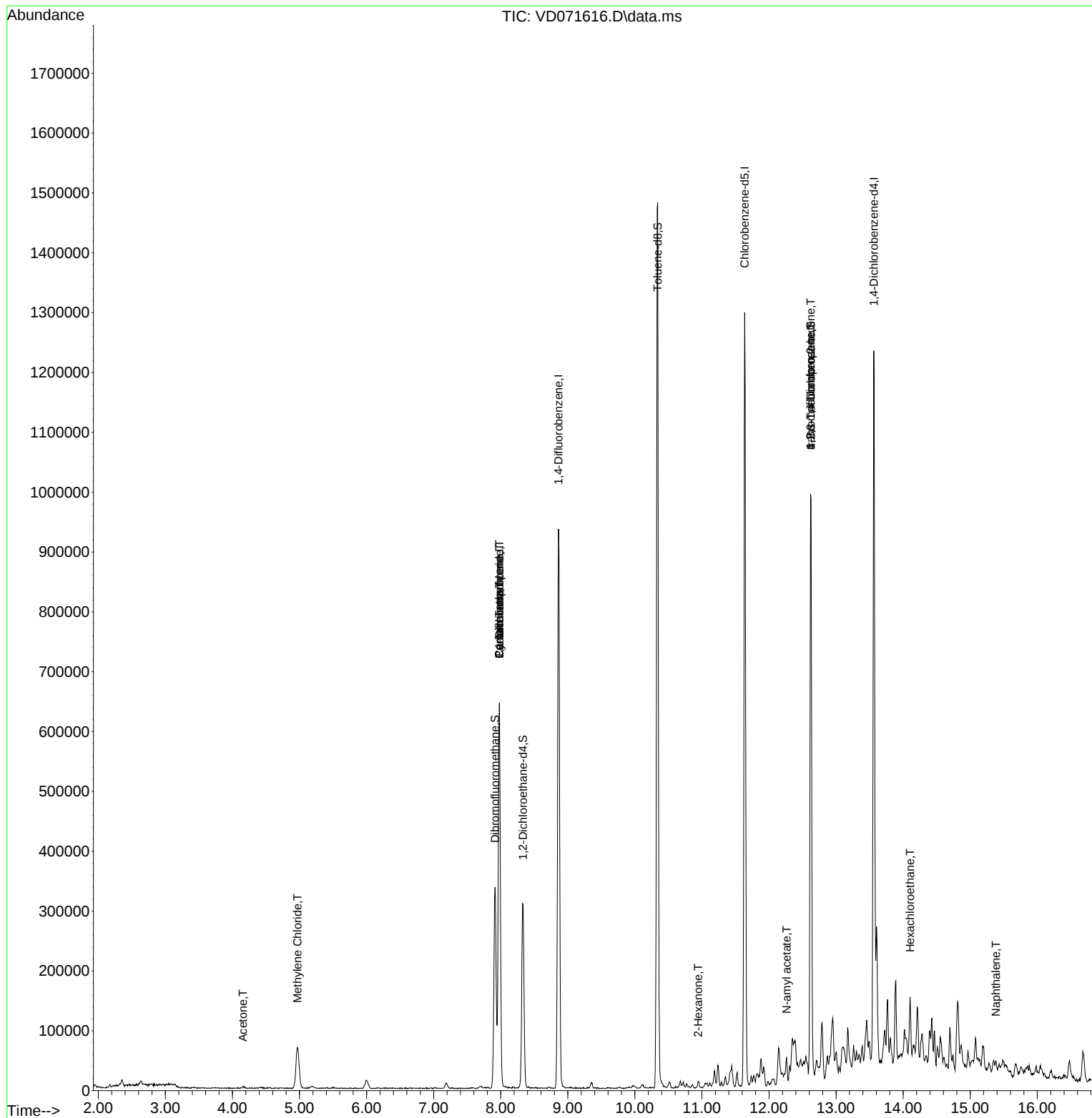
Internal Standards						
1) Pentafluorobenzene	7.979	168	438696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	762020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	660929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253696	43.544	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.080%		
35) Dibromofluoromethane	7.914	113	231983	45.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.600%		
50) Toluene-d8	10.338	98	948350	49.001	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.620	95	305805	44.466	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.940%		
Target Compounds						
11) Tert butyl alcohol	5.179	59	1936	Below Cal	#	71
16) Acetone	4.156	43	3486	2.382	ug/l #	85
20) Methylene Chloride	4.968	84	51185	2.916	ug/l	88
31) Cyclohexane	7.979	56	13430	1.357	ug/l #	26
36) 1,1-Dichloropropene	7.979	75	39766	4.860	ug/l #	50
38) Carbon Tetrachloride	7.979	117	47890	5.933	ug/l #	15
59) 2-Hexanone	10.944	43	5279	1.894	ug/l #	26
74) N-amyl acetate	12.261	43	9173	1.533	ug/l #	58
76) 1,2,3-Trichloropropane	12.620	75	174125	50.643	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	174125	143.093	ug/l #	18
90) Hexachloroethane	14.102	117	6597	1.751	ug/l #	14
95) Naphthalene	15.385	128	15039	1.528	ug/l #	92

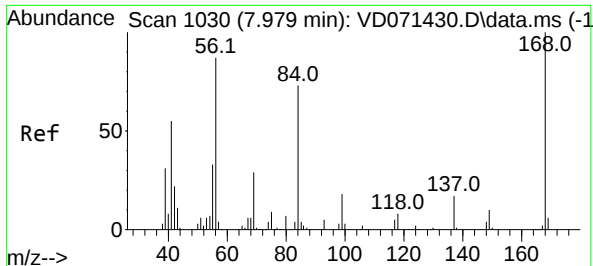
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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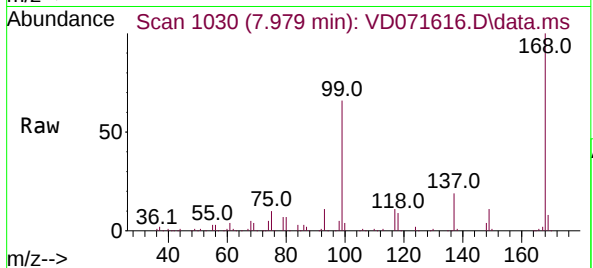
Quant Time: Jan 06 07:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



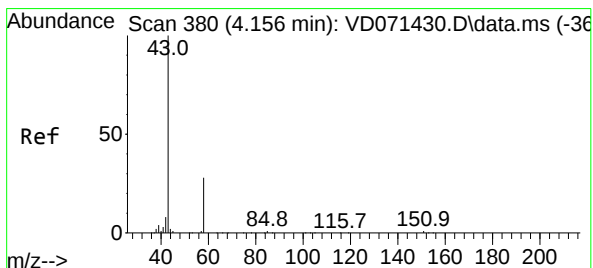
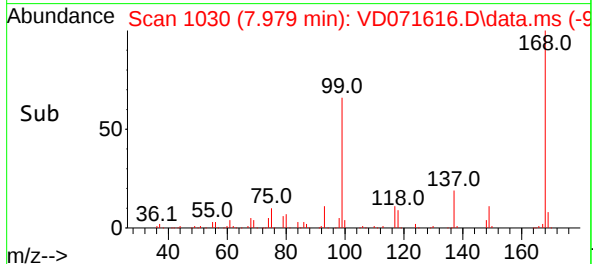
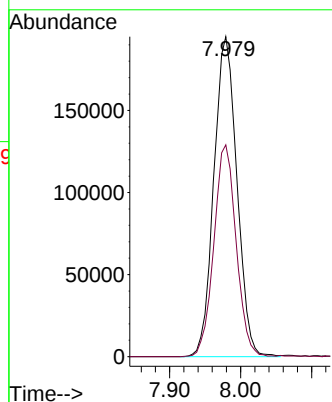


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :

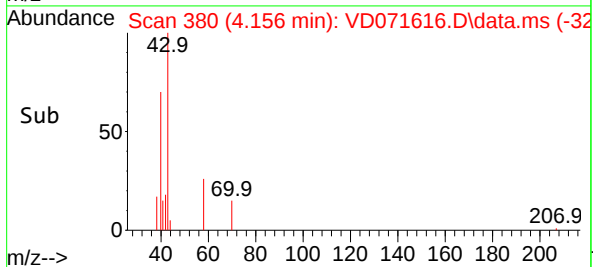
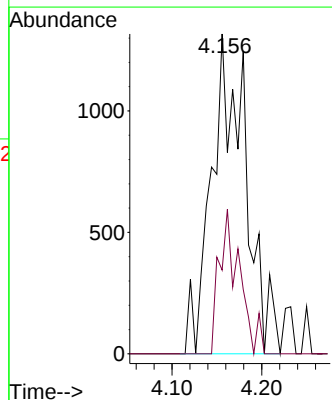
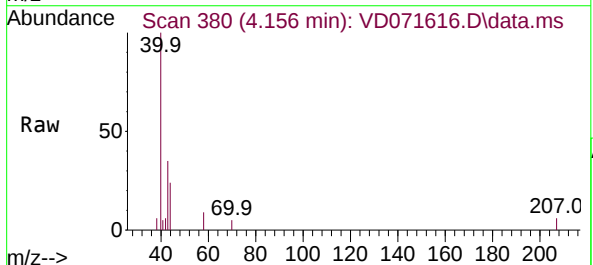


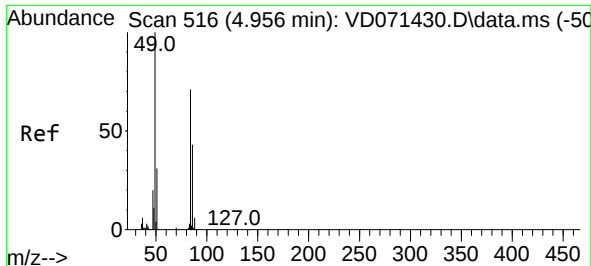
Tgt Ion:168 Resp: 438696
Ion Ratio Lower Upper
168 100
99 66.2 46.6 69.8



#16
Acetone
Concen: 2.382 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

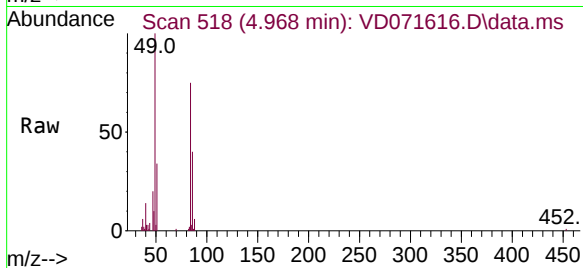
Tgt Ion: 43 Resp: 3486
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#



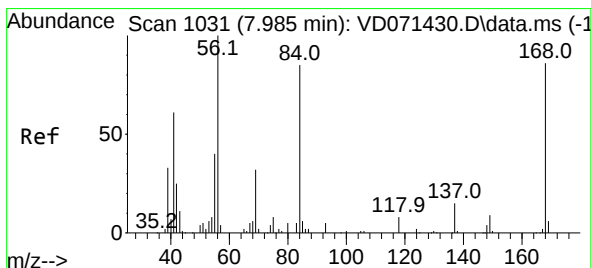
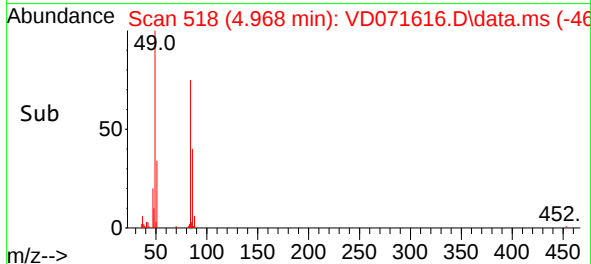
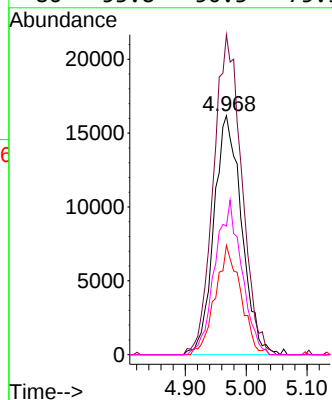


#20
Methylene Chloride
Concen: 2.916 ug/l
RT: 4.968 min Scan# 511
Delta R.T. 0.007 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :

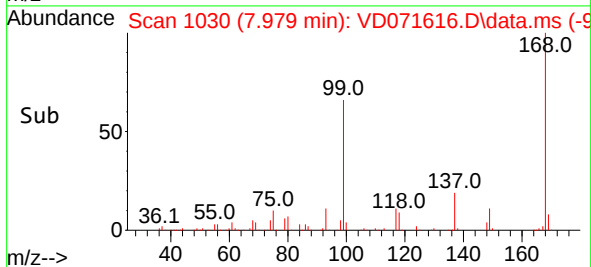
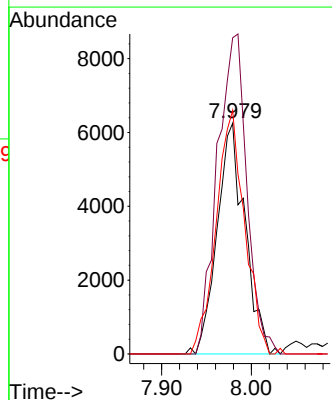
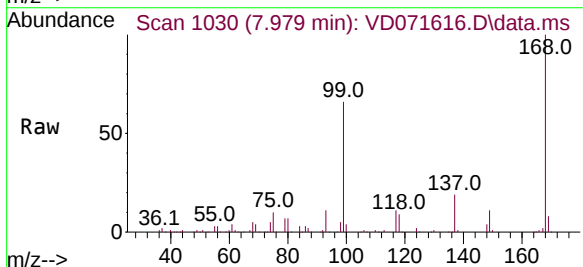


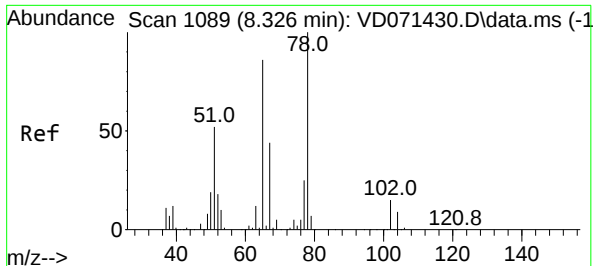
Tgt Ion:	84	Resp:	51185
Ion	Ratio	Lower	Upper
84	100		
49	133.9	95.8	143.6
51	45.8	30.9	46.3
86	53.8	50.3	75.5



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Tgt Ion:	56	Resp:	13430
Ion	Ratio	Lower	Upper
56	100		
69	137.0	25.9	38.9#
84	105.6	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 43.544 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071616.D

Acq: 05 Jan 2022 16:10

Instrument :

MSVOA_D

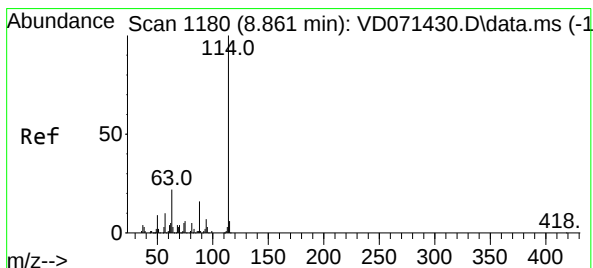
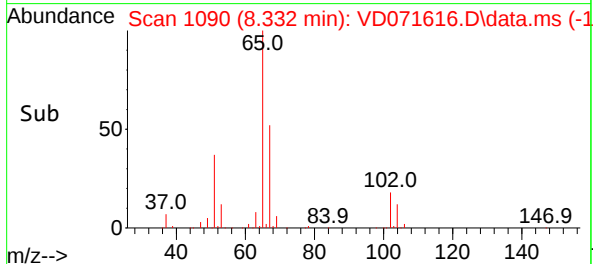
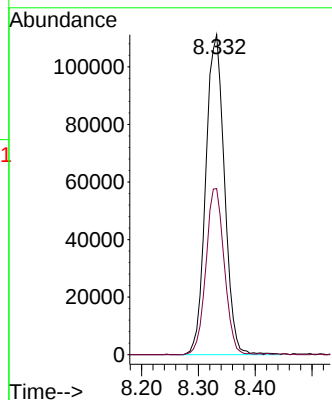
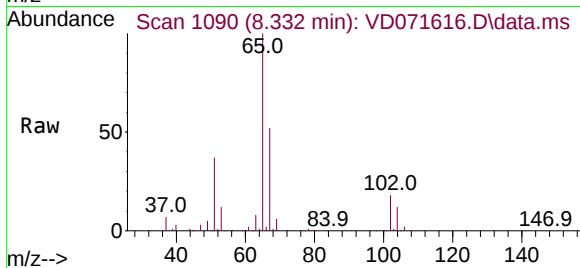
ClientSampleId :

Tgt Ion: 65 Resp: 253696

Ion Ratio Lower Upper

65 100

67 51.0 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: VD071616.D

Acq: 05 Jan 2022 16:10

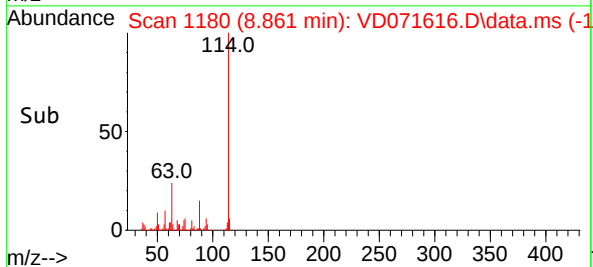
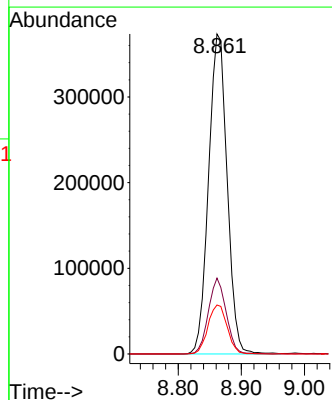
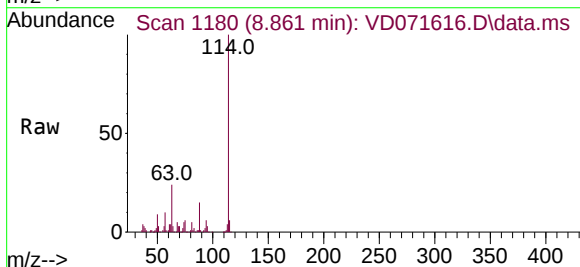
Tgt Ion: 114 Resp: 762020

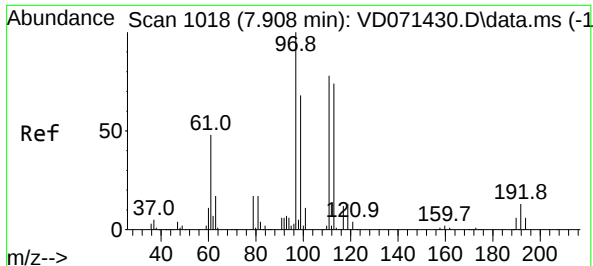
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.297 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

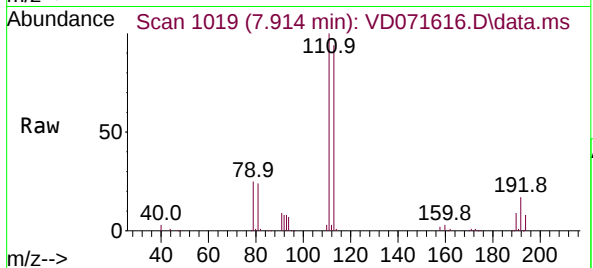
Lab File: VD071616.D

Acq: 05 Jan 2022 16:10

Instrument :

MSVOA_D

ClientSampleId :



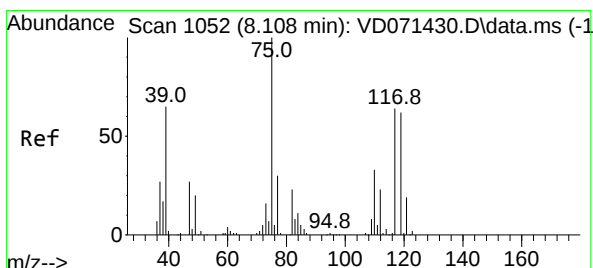
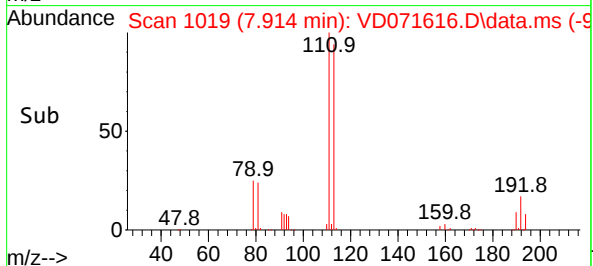
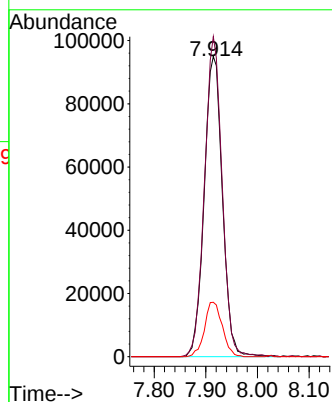
Tgt Ion:113 Resp: 231983

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071616.D

Acq: 05 Jan 2022 16:10

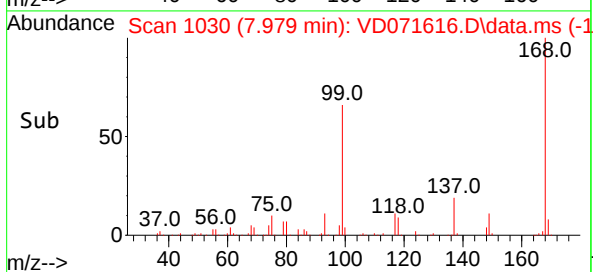
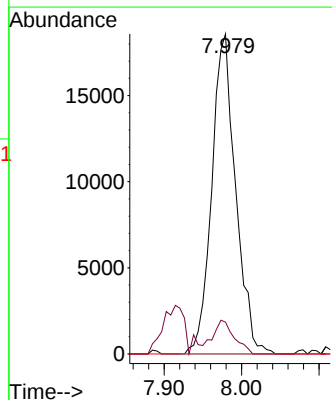
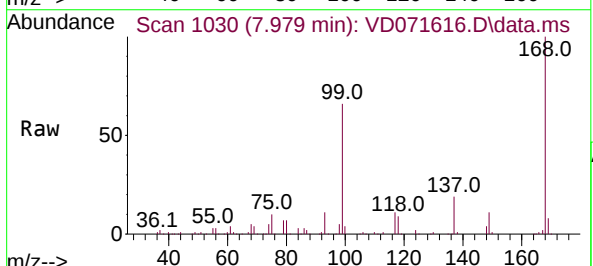
Tgt Ion: 75 Resp: 39766

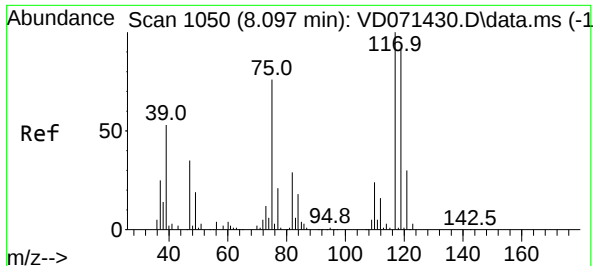
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.4#

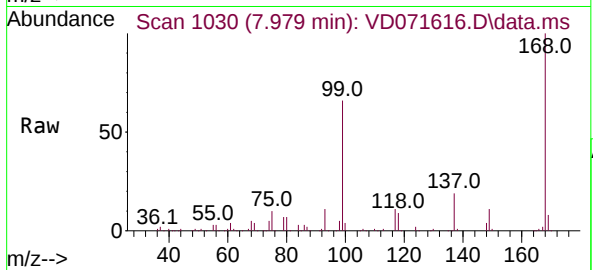
77 0.0 24.8 37.2#



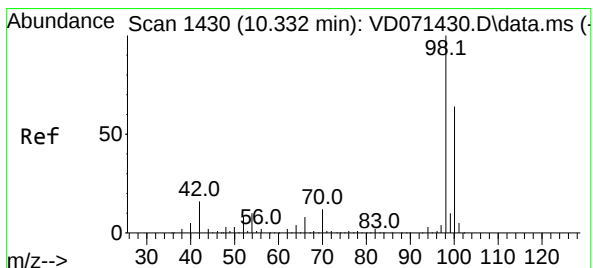
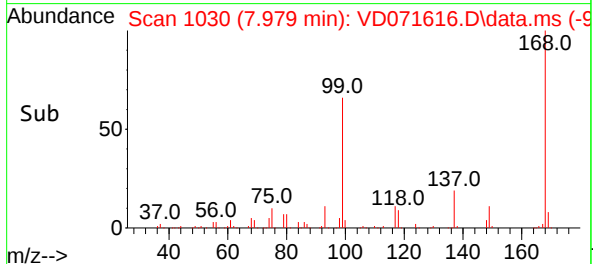
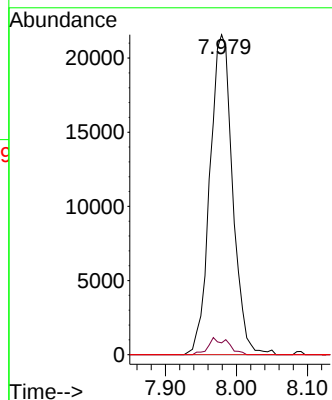


#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :

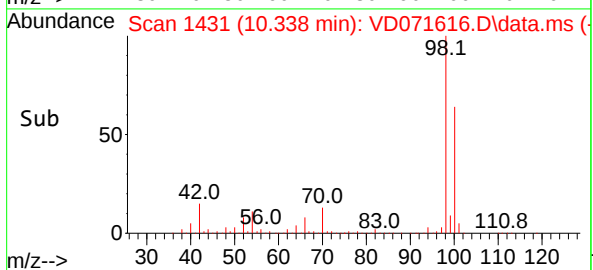
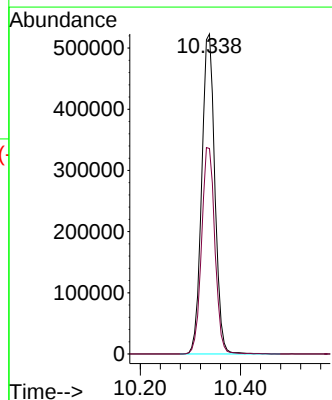
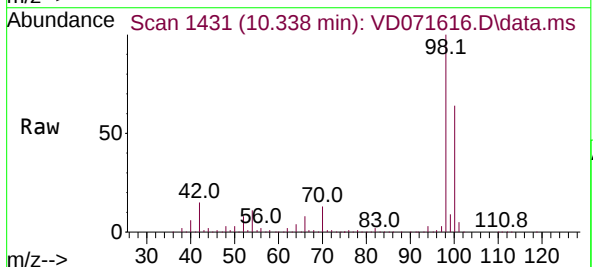


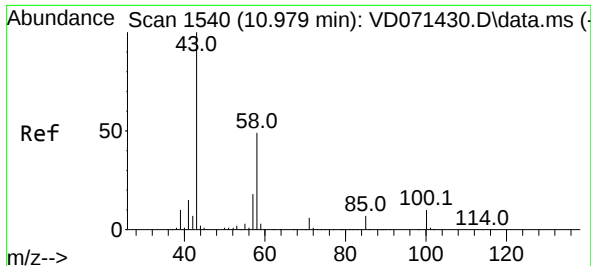
Tgt Ion:117 Resp: 47890
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.001 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Tgt Ion: 98 Resp: 948350
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

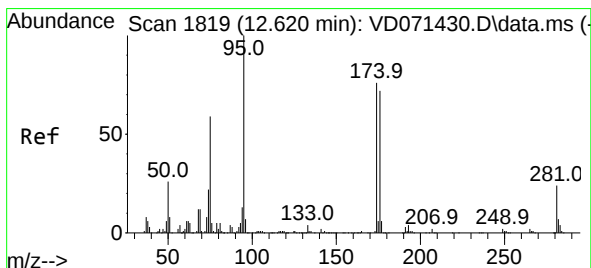
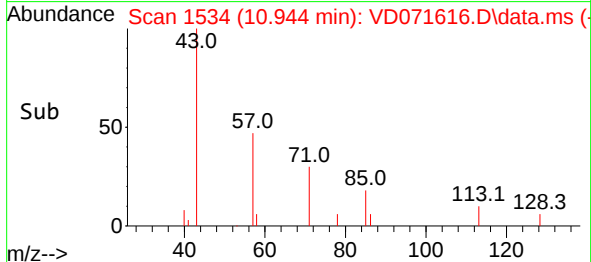
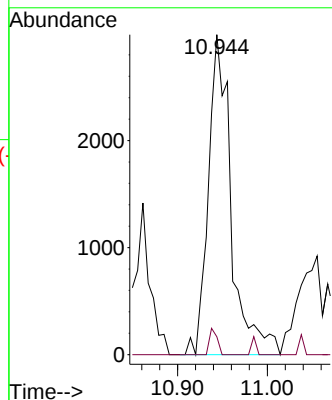
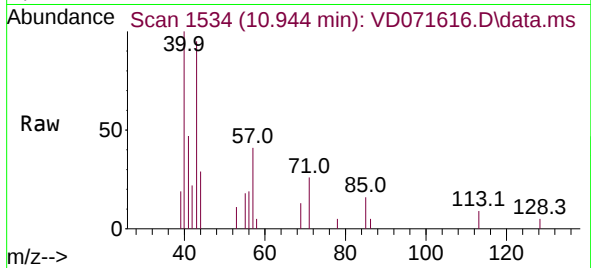




#59
2-Hexanone
Concen: 1.894 ug/l
RT: 10.944 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

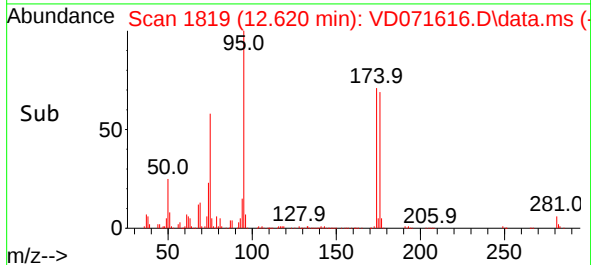
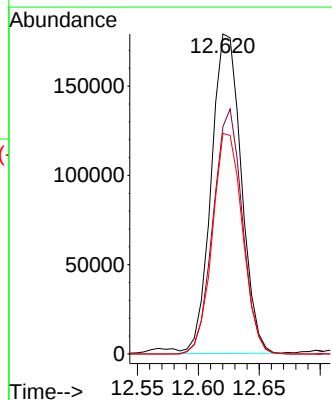
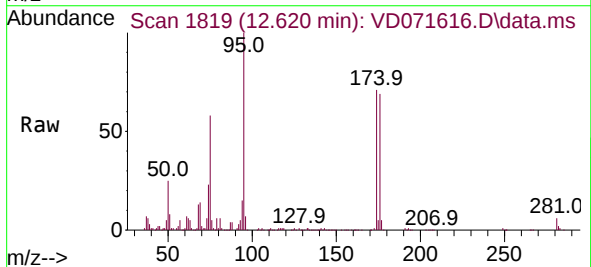
Instrument :
MSVOA_D
ClientSampleId :

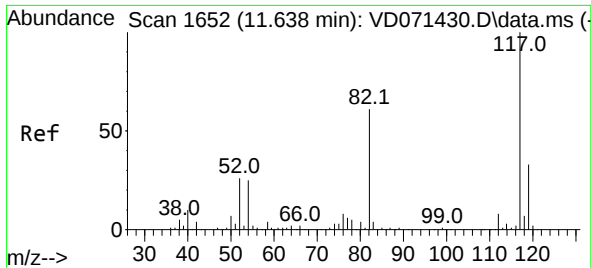
Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
58 2.8 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Tgt Ion: 95 Resp: 305805
Ion Ratio Lower Upper
95 100
174 74.4 0.0 159.4
176 69.5 0.0 154.0

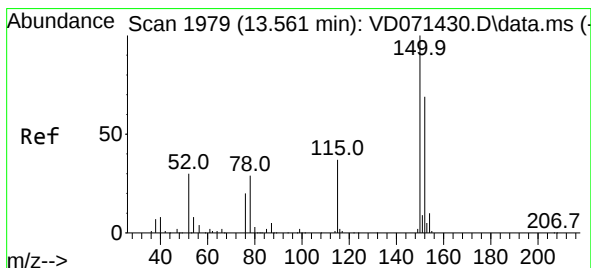
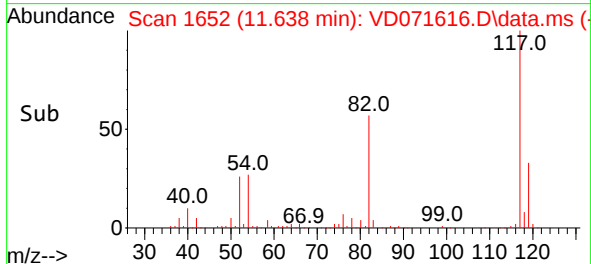
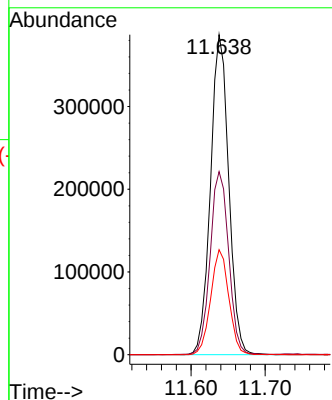
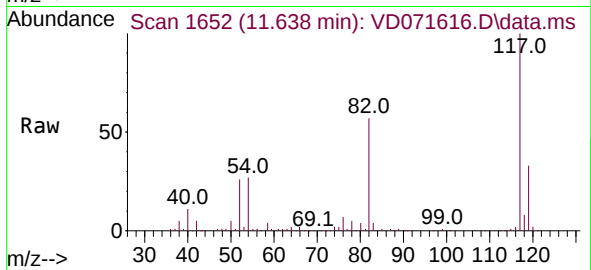




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

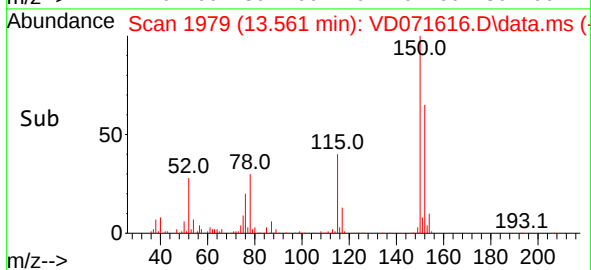
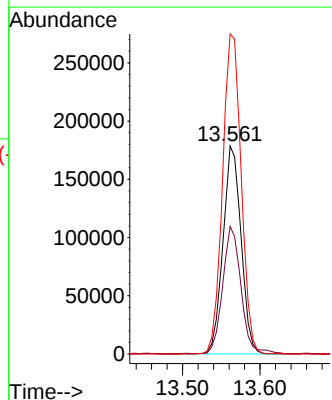
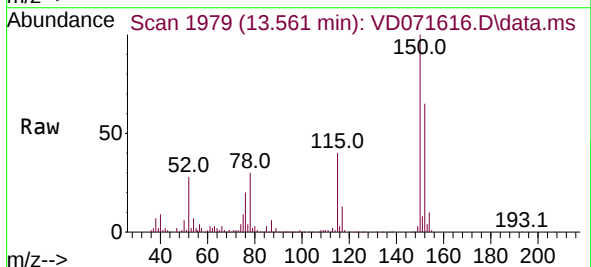
Instrument :
MSVOA_D
ClientSampleId :

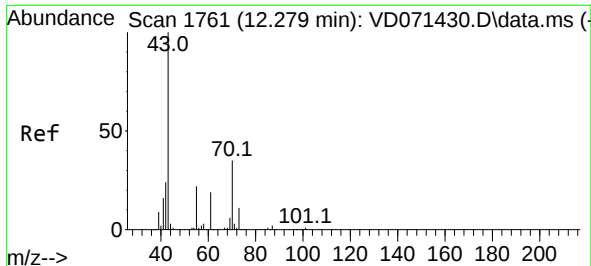
Tgt Ion:117 Resp: 660929
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Tgt Ion:152 Resp: 289374
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 158.7 0.0 349.2

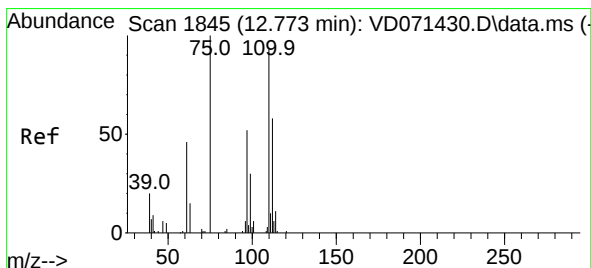
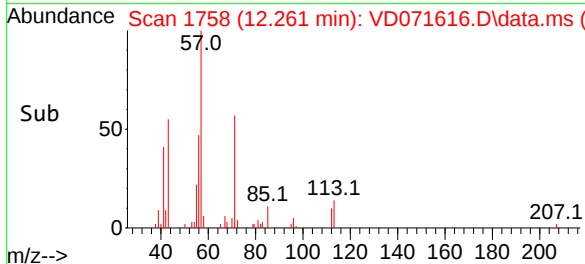
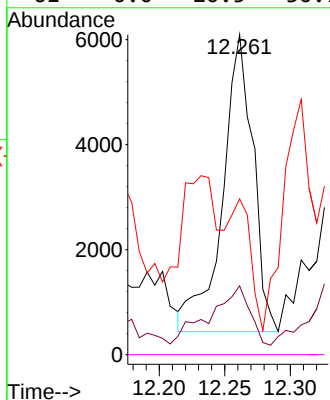
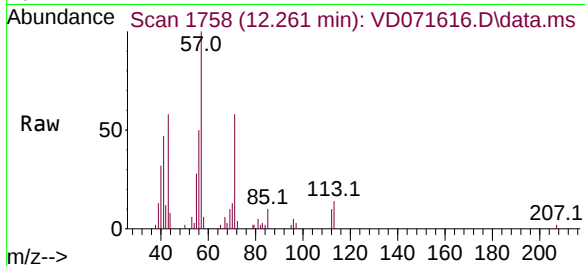




#74
N-amy1 acetate
Concen: 1.533 ug/l
RT: 12.261 min Scan# 1819
Delta R.T. -0.018 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

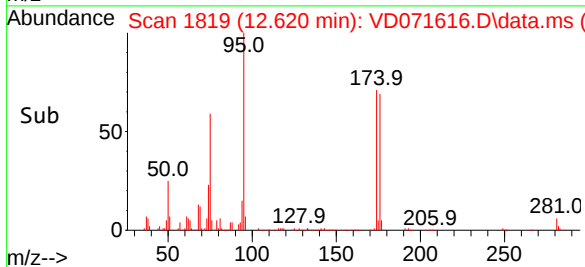
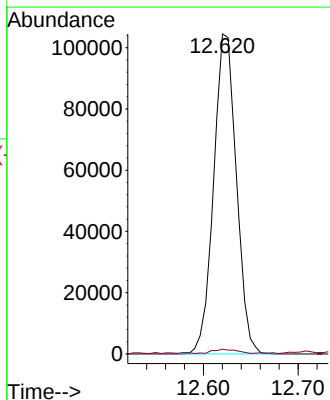
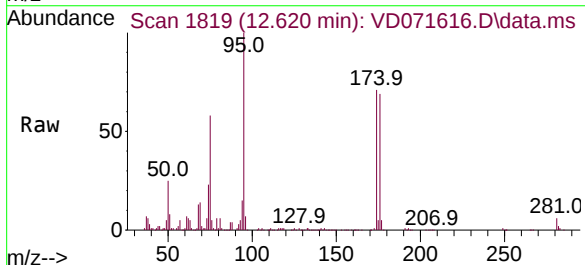
Instrument :
MSVOA_D
ClientSampleId :

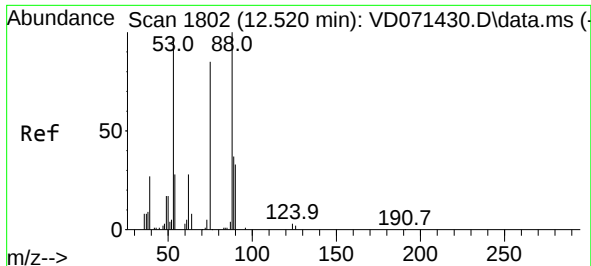
Tgt Ion: 43	Resp: 9173
Ion Ratio	Lower Upper
43 100	
70 26.1	36.6 55.0#
55 0.0	22.5 33.7#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 50.643 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Tgt Ion: 75	Resp: 174125
Ion Ratio	Lower Upper
75 100	
77 1.5	158.4 475.3#

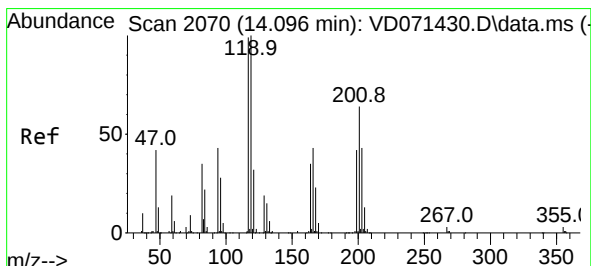
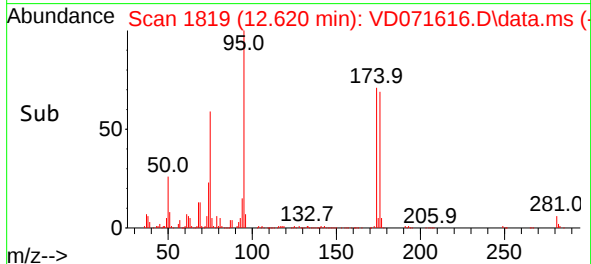
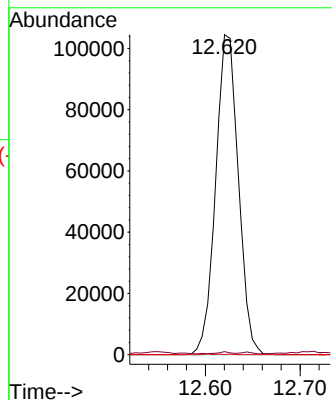
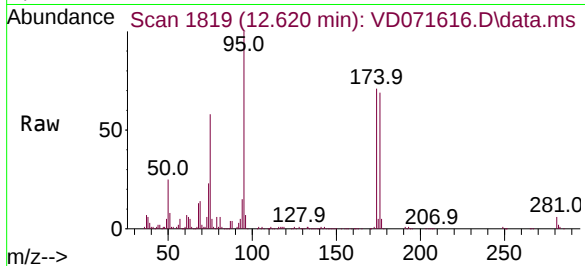




#81
trans-1,4-Dichloro-2-butene
Concen: 143.093 ug/l
RT: 12.620 min Scan# 1802
Delta R.T. 0.100 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

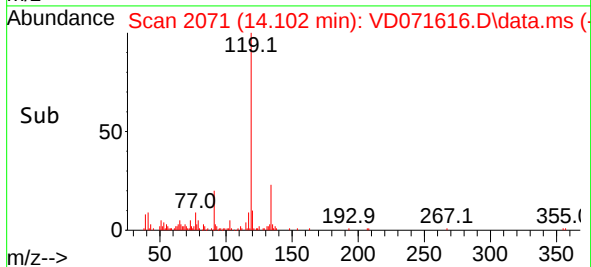
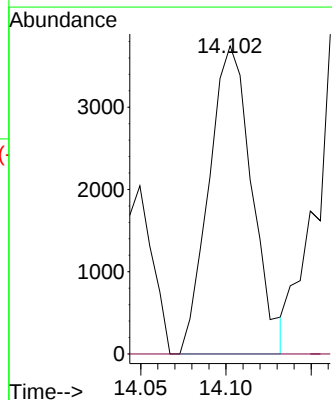
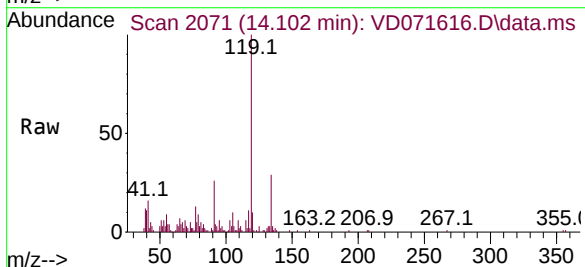
Instrument :
MSVOA_D
ClientSampleId :

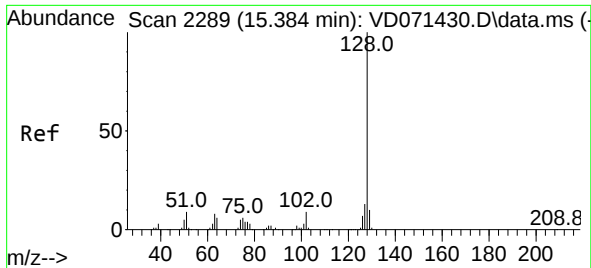
Tgt Ion: 75 Resp: 174125
Ion Ratio Lower Upper
75 100
53 0.4 62.6 94.0#
89 0.1 34.5 51.7#



#90
Hexachloroethane
Concen: 1.751 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

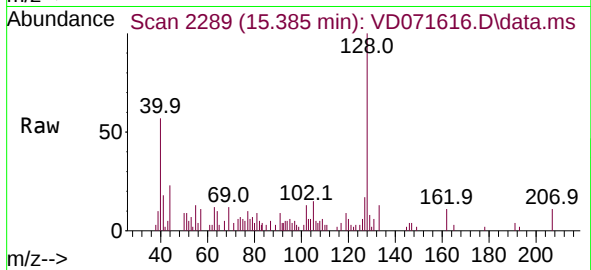
Tgt Ion: 117 Resp: 6597
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#





#95
Naphthalene
Concen: 1.528 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071616.D
Acq: 05 Jan 2022 16:10

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 15039
Ion Ratio Lower Upper
128 100
127 15.1 10.7 16.1
129 6.2 8.7 13.1#

