

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071596.D
 Acq On : 04 Jan 2022 16:40
 Operator : VA/SY
 Sample : M5338-01
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 05 01:29:10 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)

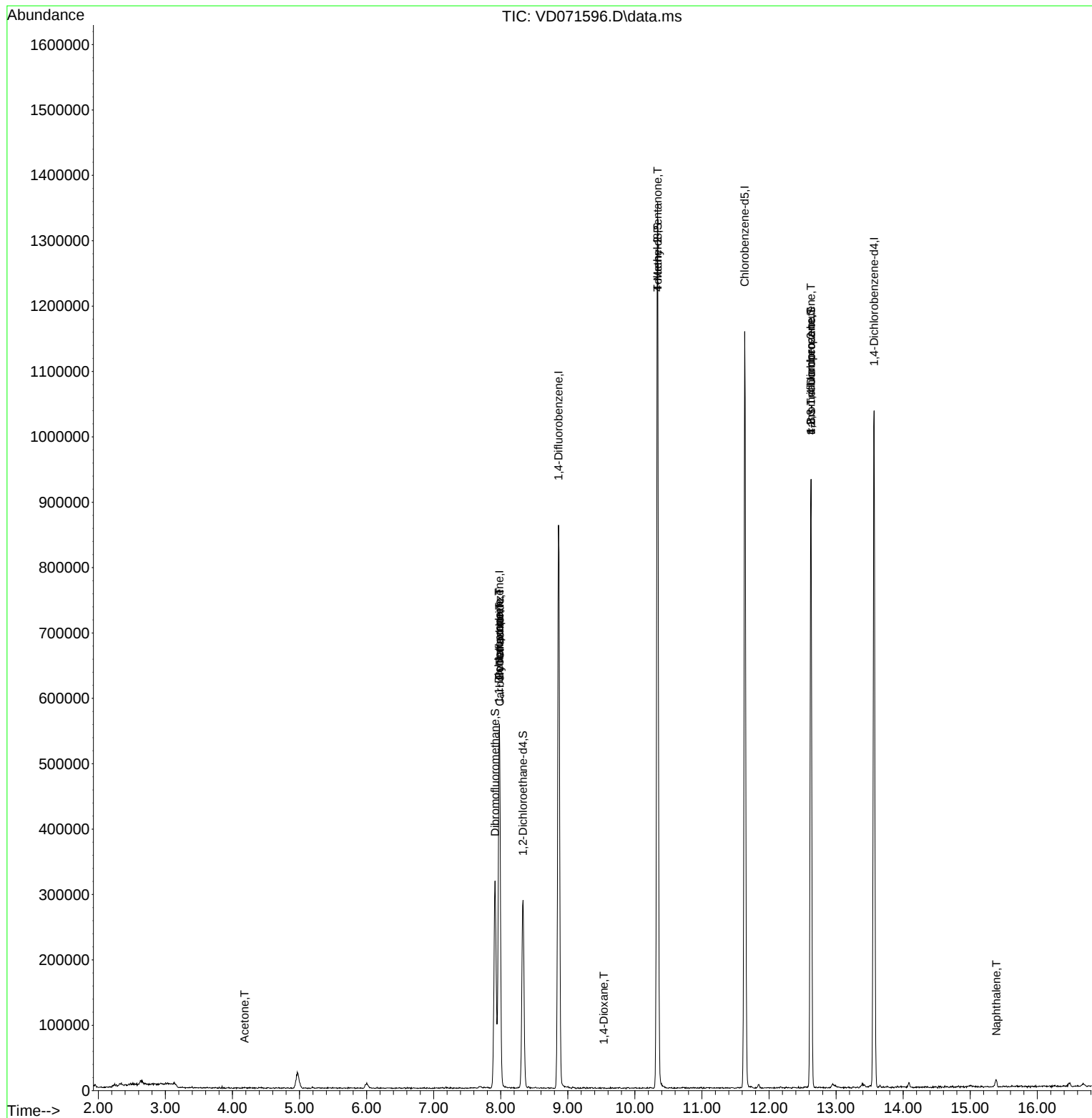
Internal Standards						
1) Pentafluorobenzene	7.979	168	380444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	680171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	594763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	250545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	233826	46.278	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.560%		
35) Dibromofluoromethane	7.914	113	217787	47.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.280%		
50) Toluene-d8	10.338	98	855961	49.549	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.626	95	259948	42.346	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.700%		
Target Compounds			Qvalue			
16) Acetone	4.179	43	1860	1.466 ug/l #	87	
20) Methylene Chloride	4.968	84	15891	Below Cal #	85	
31) Cyclohexane	7.979	56	11478	1.337 ug/l #	37	
36) 1,1-Dichloropropene	7.973	75	37796	5.175 ug/l #	50	
38) Carbon Tetrachloride	7.985	117	42702	5.926 ug/l #	16	
49) 1,4-Dioxane	9.538	88	60	1.886 ug/l #	1	
51) 4-Methyl-2-Pentanone	10.338	43	5352	1.520 ug/l #	1	
76) 1,2,3-Trichloropropane	12.626	75	152410	51.197 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.626	75	152410	144.659 ug/l #	18	
95) Naphthalene	15.391	128	10613	1.245 ug/l	99	

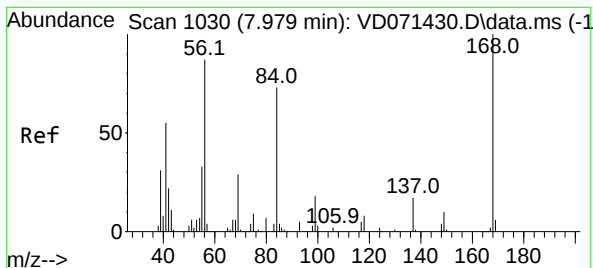
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jan 05 01:29:10 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

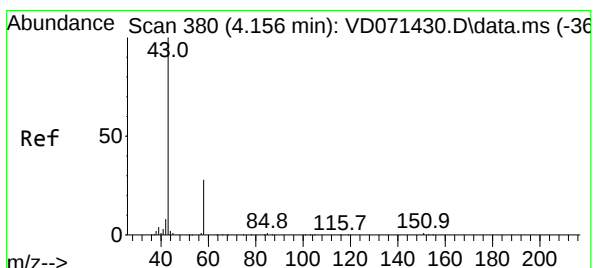
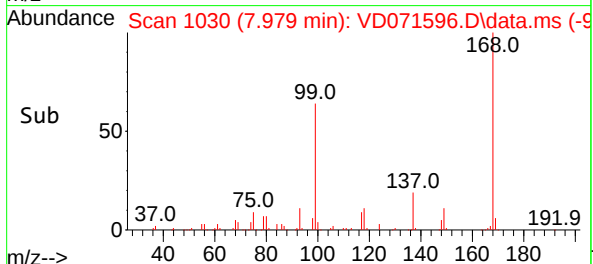
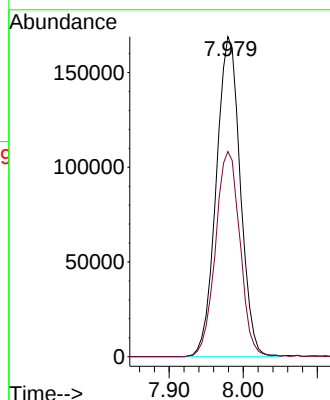
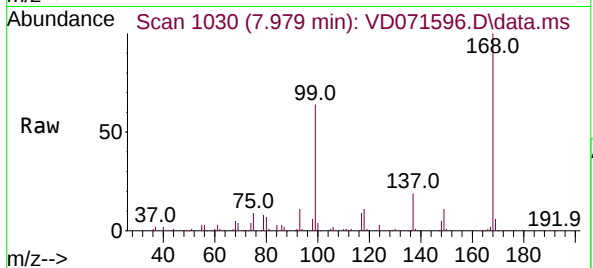




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

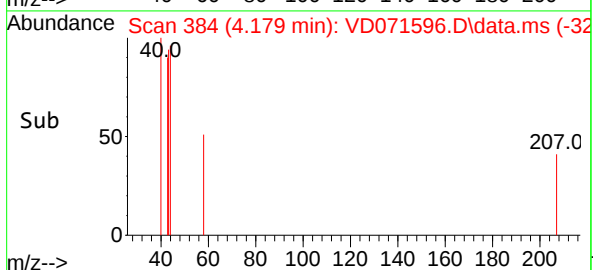
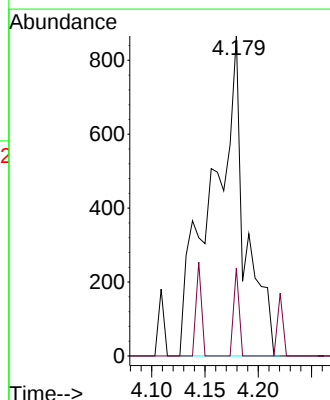
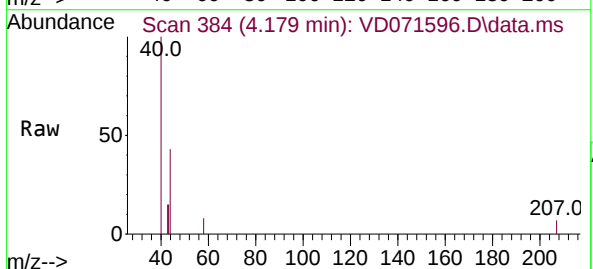
Instrument :
MSVOA_D
ClientSampleId :

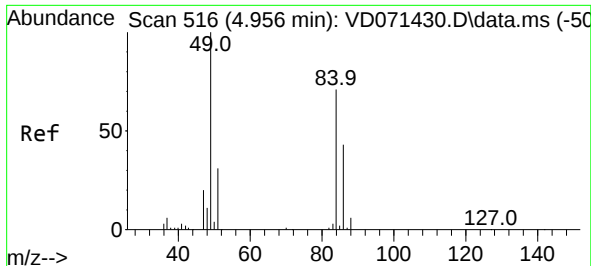
Tgt Ion:168 Resp: 380444
Ion Ratio Lower Upper
168 100
99 64.1 46.6 69.8



#16
Acetone
Concen: 1.466 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.023 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

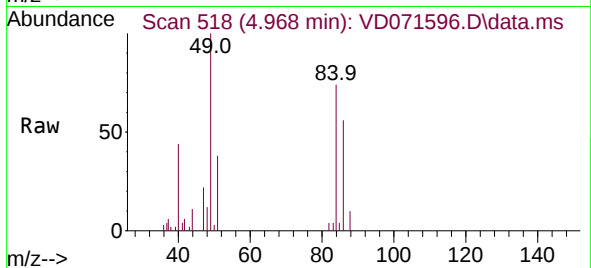
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



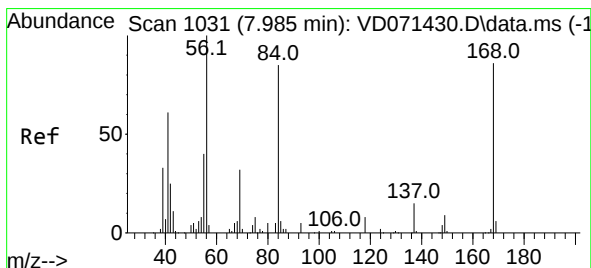
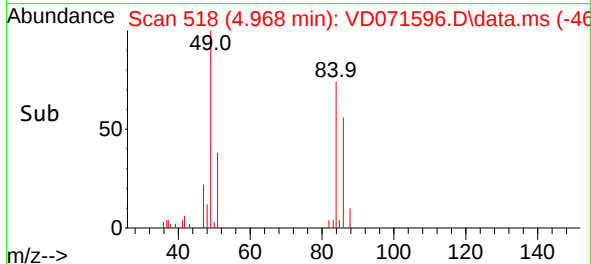
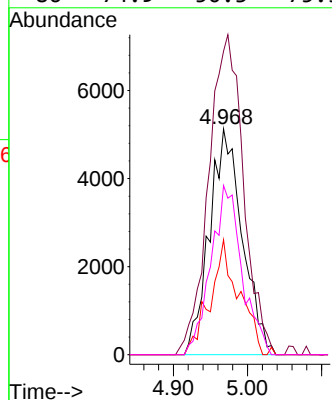


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 516
Delta R.T. 0.007 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :

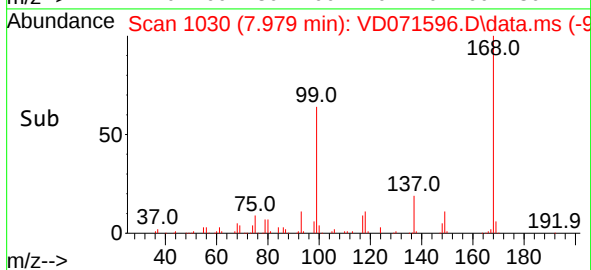
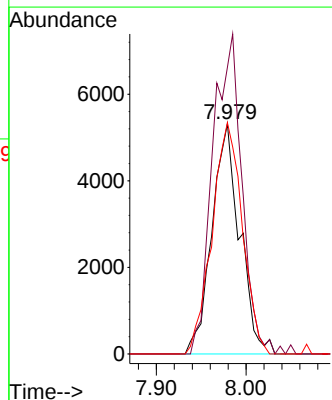
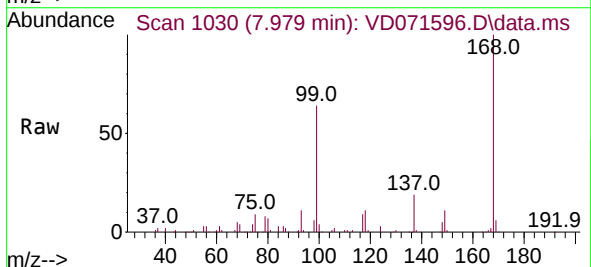


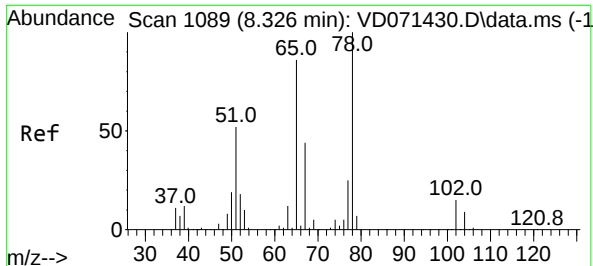
Tgt Ion:	84	Resp:	15891
Ion	Ratio	Lower	Upper
84	100		
49	134.5	95.8	143.6
51	50.9	30.9	46.3#
86	74.9	50.3	75.5



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Tgt Ion:	56	Resp:	11478
Ion	Ratio	Lower	Upper
56	100		
69	124.5	25.9	38.9#
84	100.5	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 46.278 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071596.D

Acq: 04 Jan 2022 16:40

Instrument :

MSVOA_D

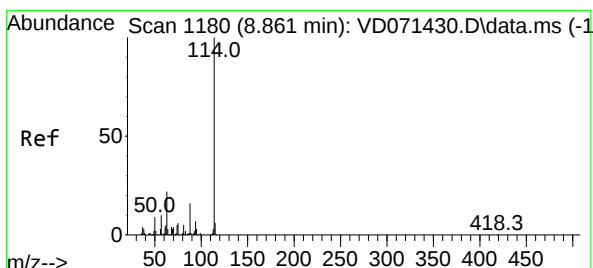
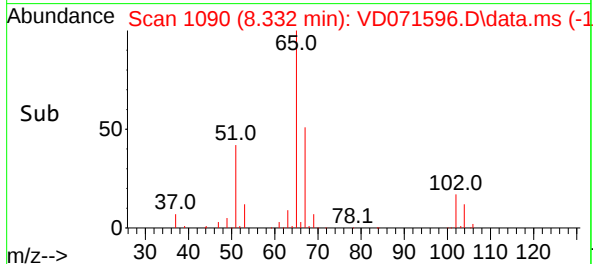
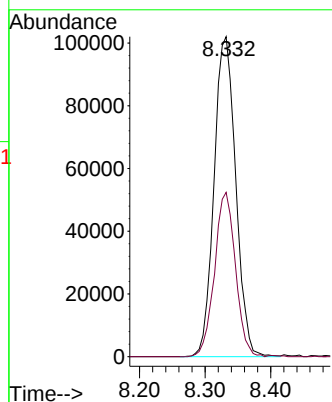
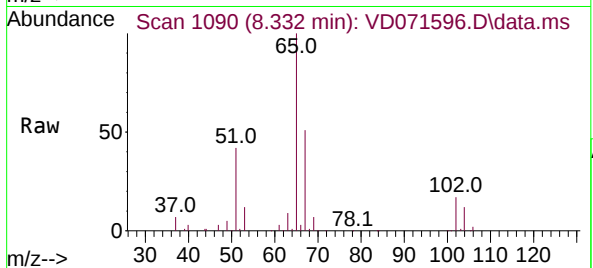
ClientSampleId :

Tgt Ion: 65 Resp: 233826

Ion Ratio Lower Upper

65 100

67 49.5 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: VD071596.D

Acq: 04 Jan 2022 16:40

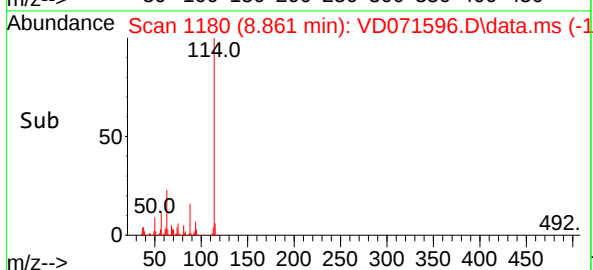
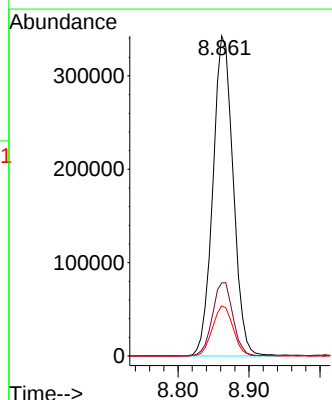
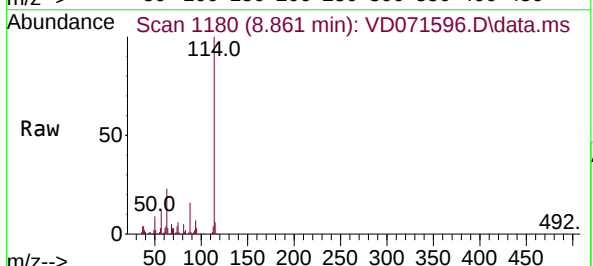
Tgt Ion: 114 Resp: 680171

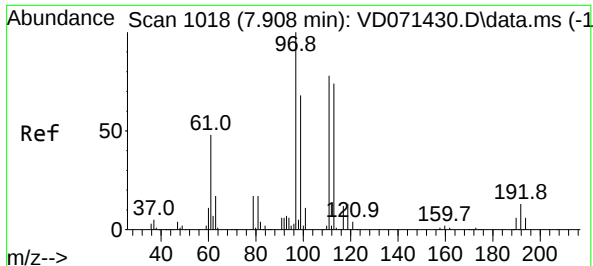
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.642 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

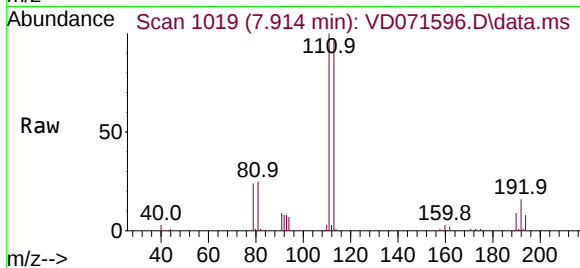
Lab File: VD071596.D

Acq: 04 Jan 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :



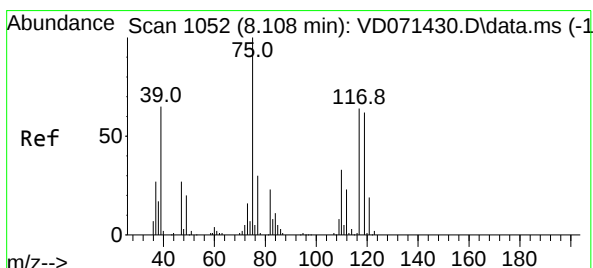
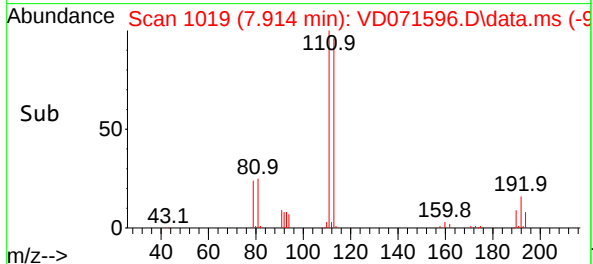
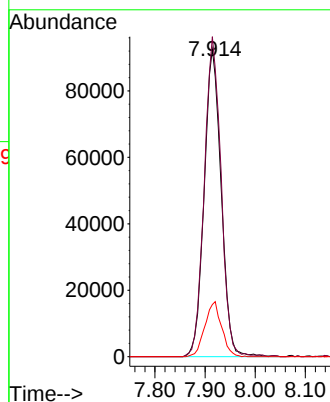
Tgt Ion:113 Resp: 217787

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071596.D

Acq: 04 Jan 2022 16:40

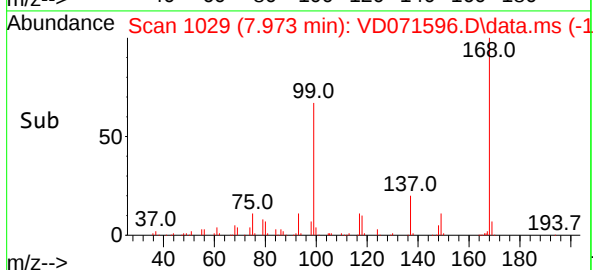
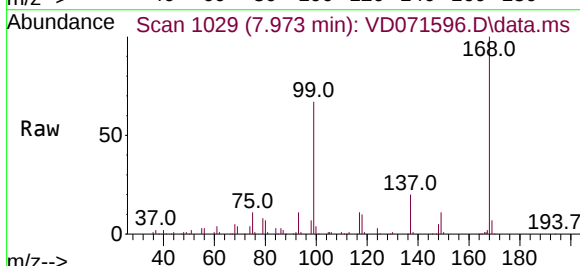
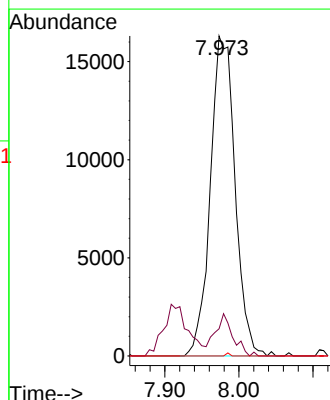
Tgt Ion: 75 Resp: 37796

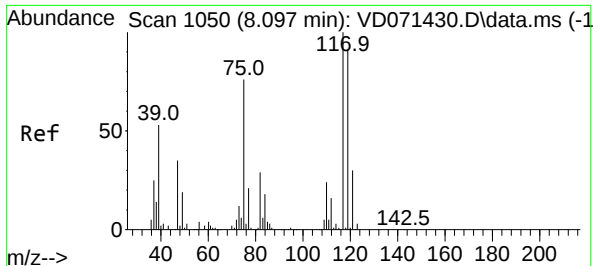
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.4#

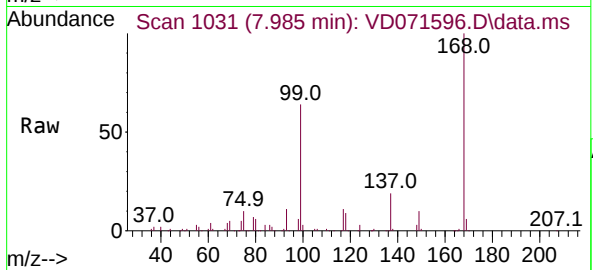
77 0.1 24.8 37.2#



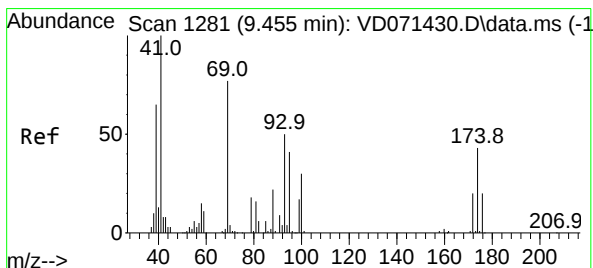
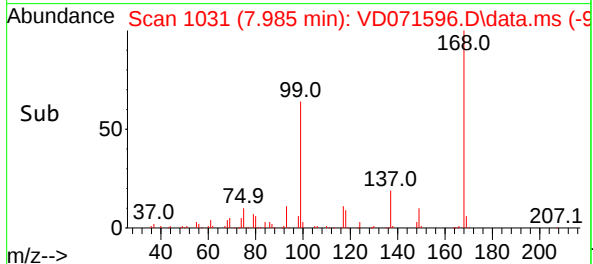
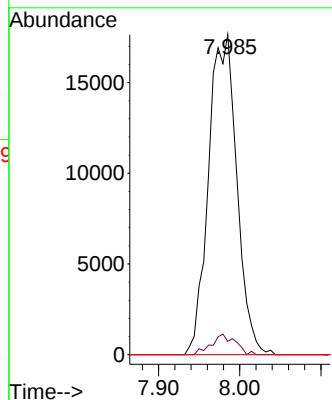


#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.112 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :

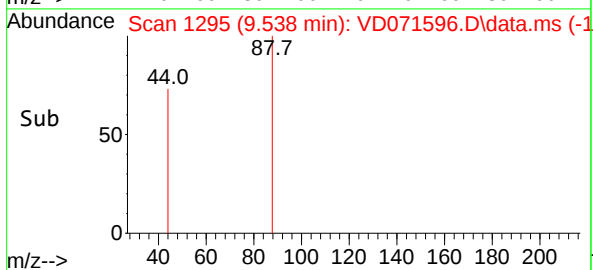
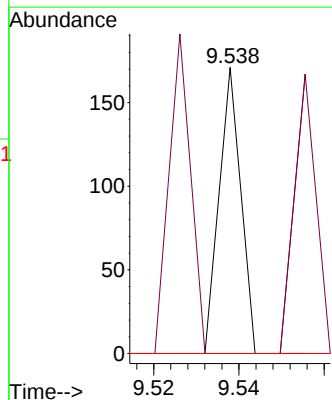
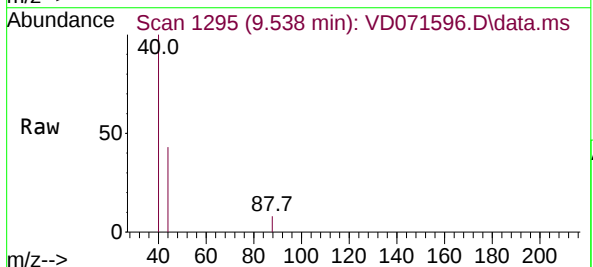


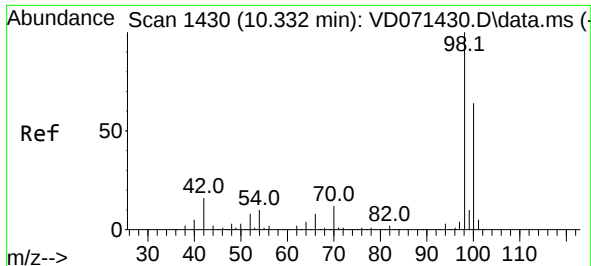
Tgt Ion:117 Resp: 42702
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.886 ug/l
RT: 9.538 min Scan# 1295
Delta R.T. 0.083 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 111.7 28.9 43.3#
58 0.0 56.3 84.5#

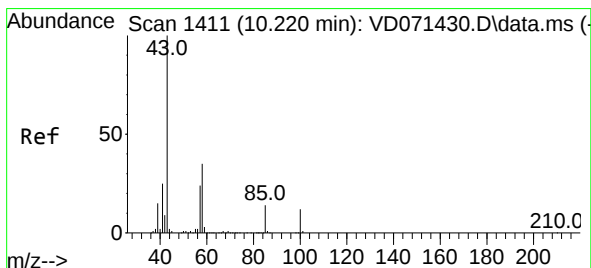
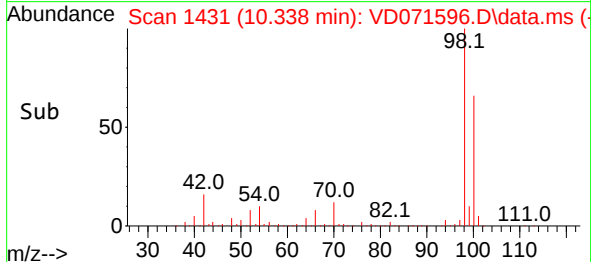
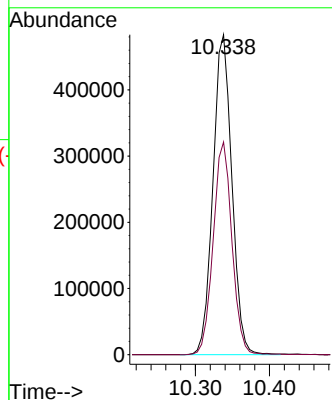
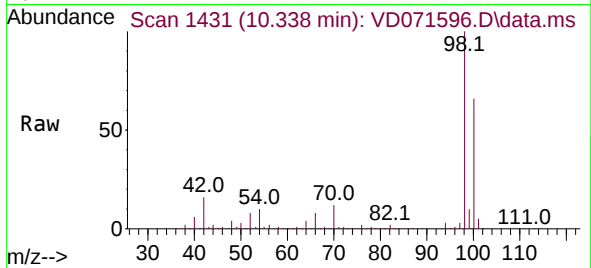




#50
Toluene-d8
Concen: 49.549 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

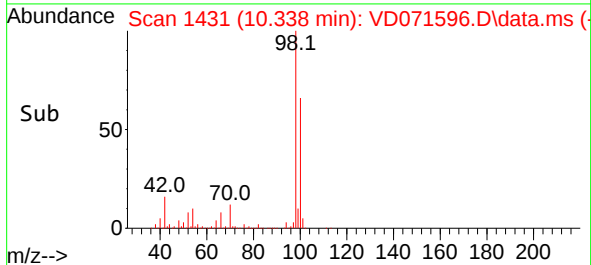
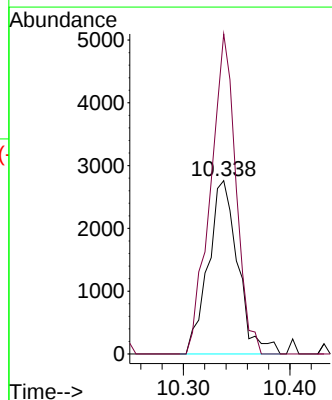
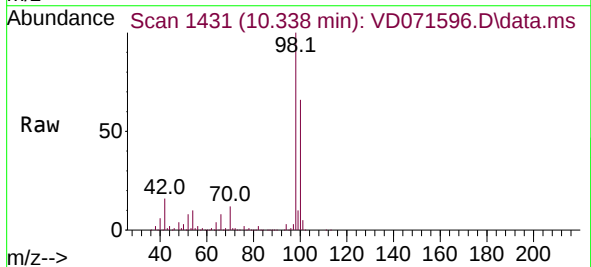
Instrument :
MSVOA_D
ClientSampleId :

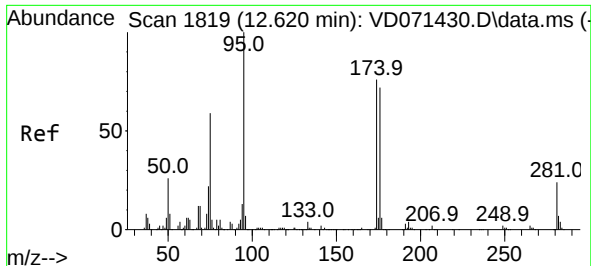
Tgt Ion: 98 Resp: 855961
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.520 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Tgt Ion: 43 Resp: 5352
Ion Ratio Lower Upper
43 100
58 158.9 33.1 49.7#

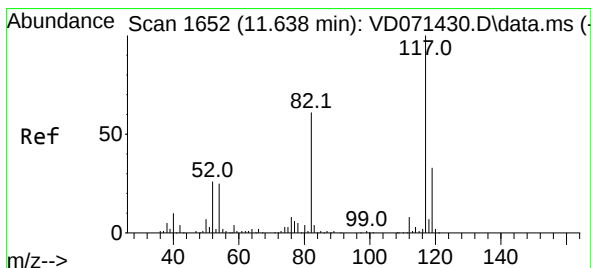
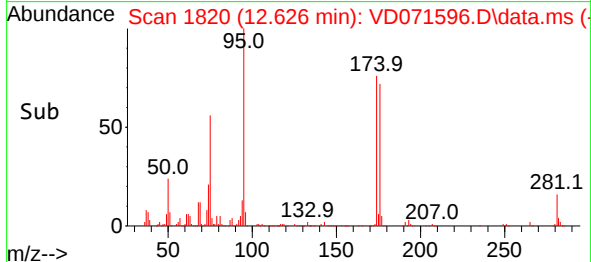
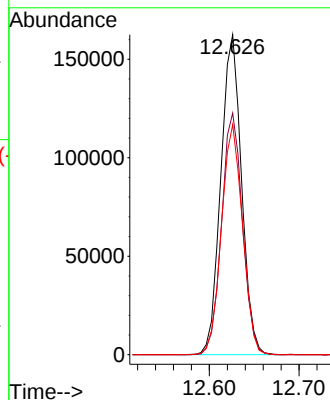
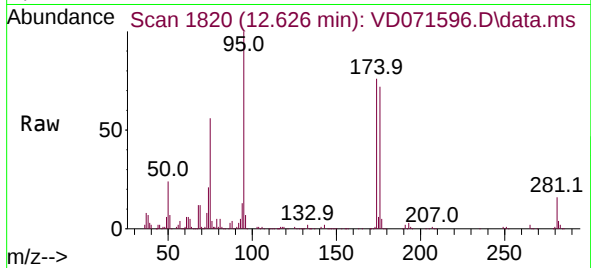




#62
4-Bromofluorobenzene
Concen: 42.346 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

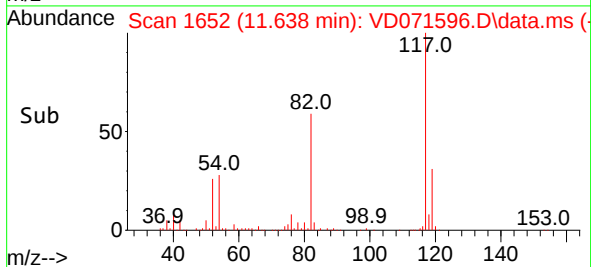
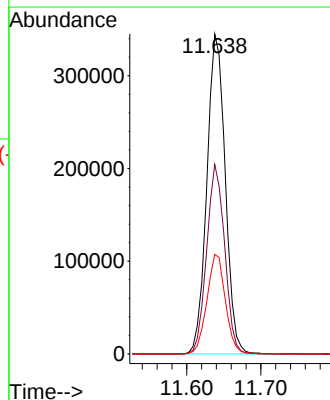
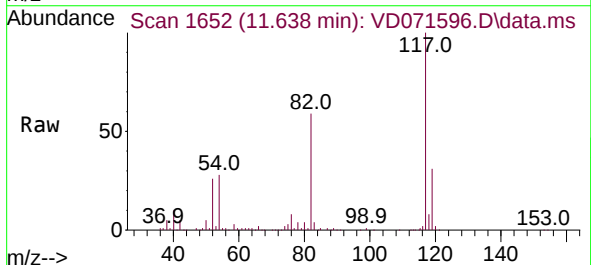
Instrument :
MSVOA_D
ClientSampleId :

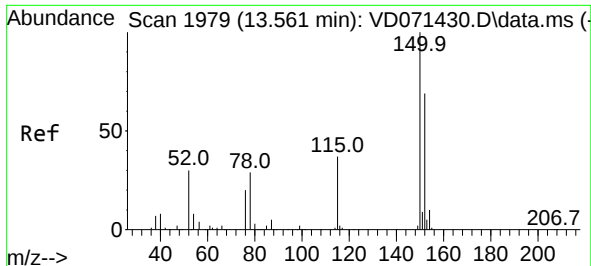
Tgt Ion: 95 Resp: 259948
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Tgt Ion: 117 Resp: 594763
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 31.1 26.2 39.4

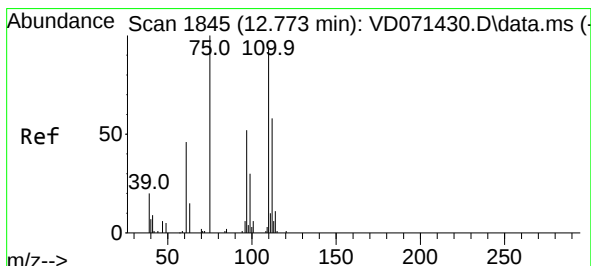
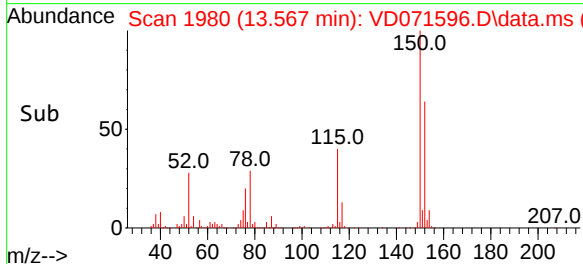
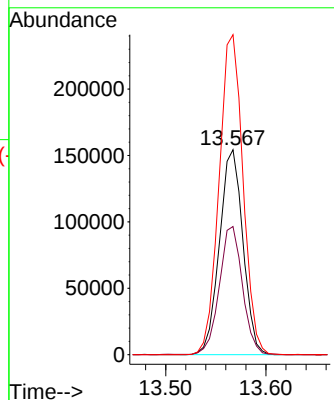
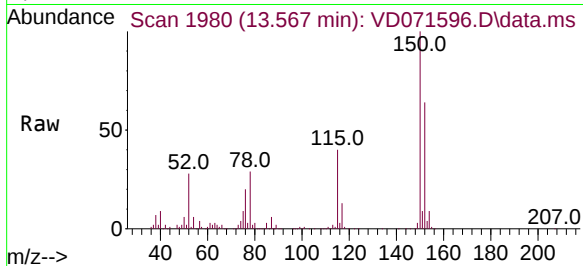




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071596.D
 Acq: 04 Jan 2022 16:40

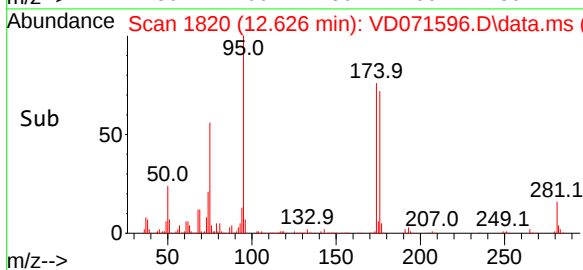
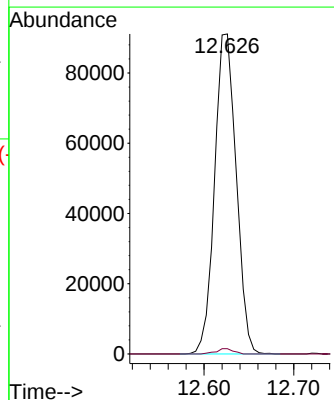
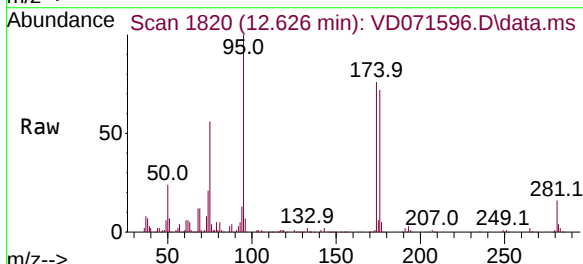
Instrument :
 MSVOA_D
 ClientSampleId :

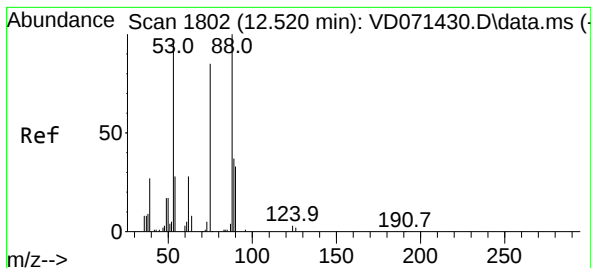
Tgt Ion:152 Resp: 250545
 Ion Ratio Lower Upper
 152 100
 115 61.7 29.8 89.3
 150 158.8 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 51.197 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071596.D
 Acq: 04 Jan 2022 16:40

Tgt Ion: 75 Resp: 152410
 Ion Ratio Lower Upper
 75 100
 77 1.3 158.4 475.3#

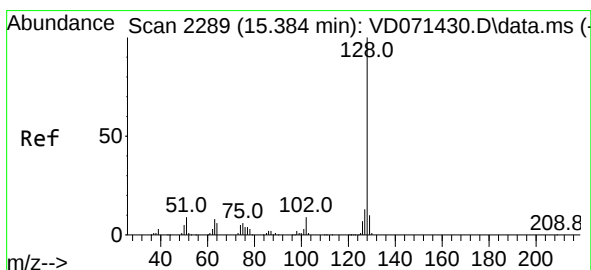
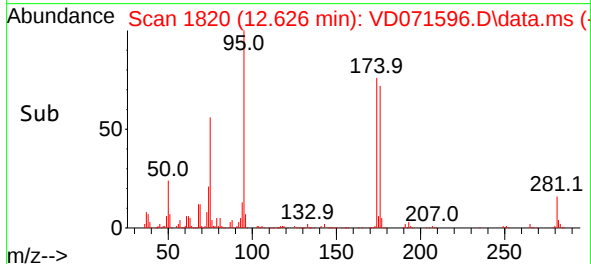
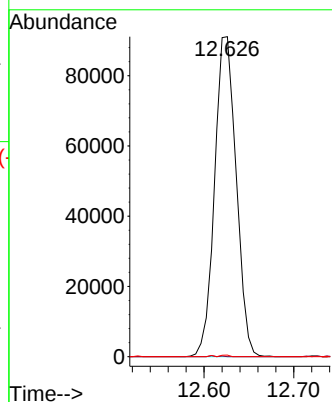
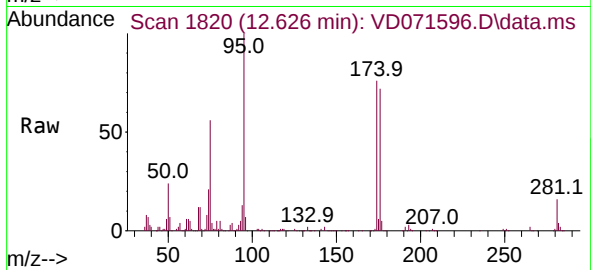




#81
trans-1,4-Dichloro-2-butene
Concen: 144.659 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 152410
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.3 34.5 51.7#



#95
Naphthalene
Concen: 1.245 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.012 min
Lab File: VD071596.D
Acq: 04 Jan 2022 16:40

Tgt Ion:128 Resp: 10613
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.6 8.7 13.1

