

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072006.D
 Acq On : 17 Feb 2022 11:34
 Operator : VA/SY
 Sample : VD0217SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 18 06:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

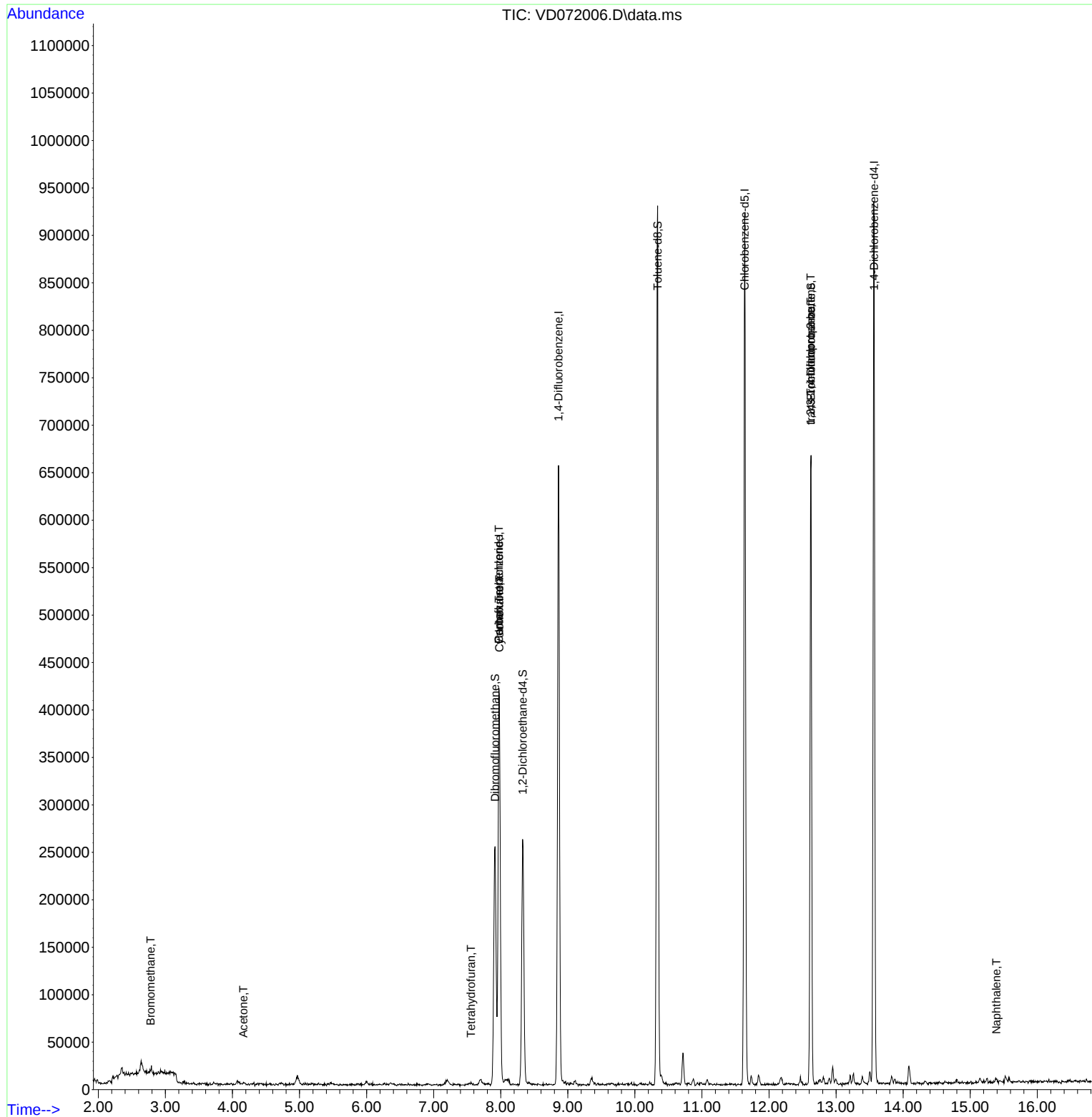
Internal Standards						
1) Pentafluorobenzene	7.973	168	279890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	500618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201919	57.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.160%			
35) Dibromofluoromethane	7.914	113	177927	54.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.338	98	593237	48.271	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.540%			
62) 4-Bromofluorobenzene	12.626	95	202462	47.175	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.360%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2872	1.046	ug/l #	74
11) Tert butyl alcohol	5.185	59	684	Below Cal	#	74
16) Acetone	4.162	43	2360	2.437	ug/l	93
20) Methylene Chloride	4.973	84	5224	Below Cal		95
29) Tetrahydrofuran	7.556	42	913	1.367	ug/l #	57
31) Cyclohexane	7.979	56	12158	1.800	ug/l #	59
38) Carbon Tetrachloride	7.973	117	30328	5.430	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	115953	51.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	115953	125.500	ug/l #	7
95) Naphthalene	15.390	128	3775	1.943	ug/l #	93

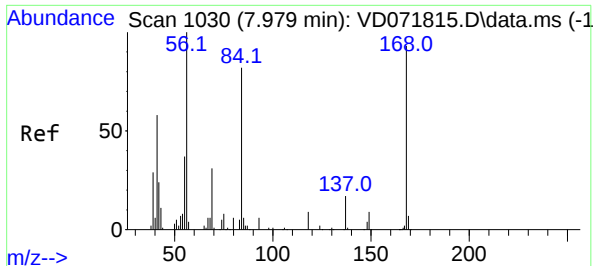
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 18 06:35:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
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Response via : Initial Calibration

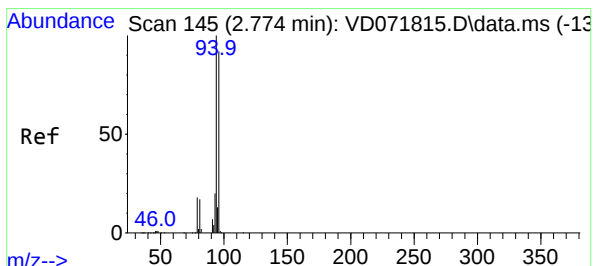
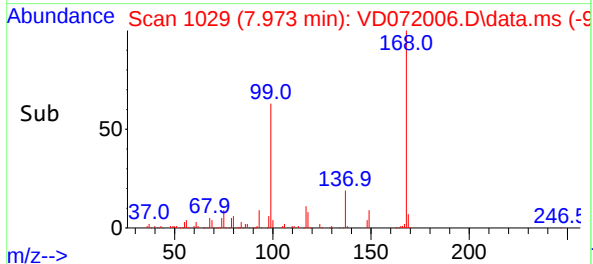
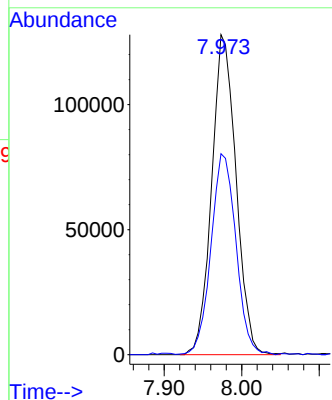
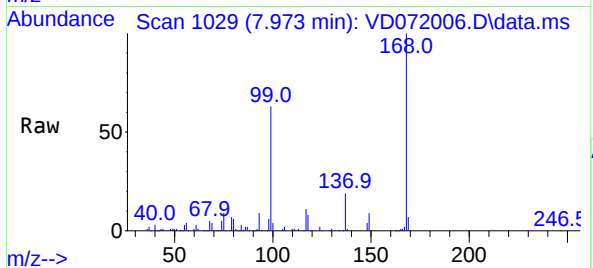




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

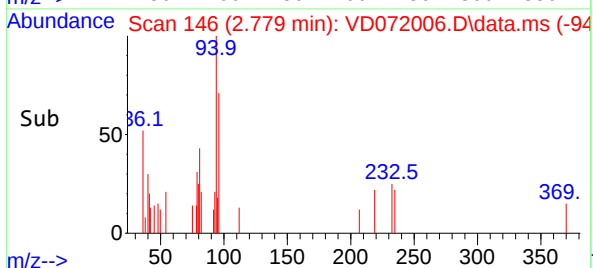
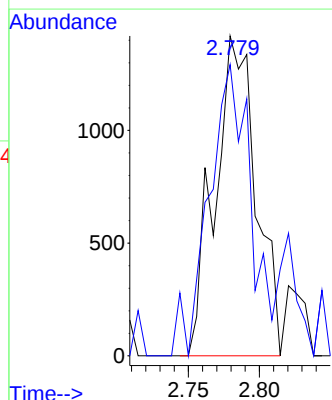
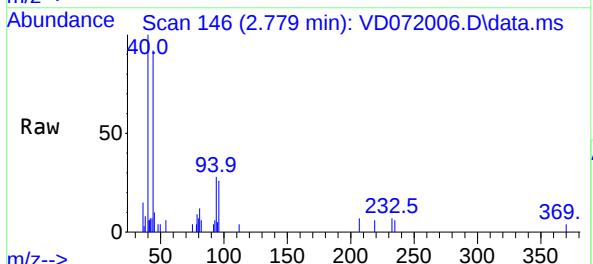
Instrument :
MSVOA_D
ClientSampleId :

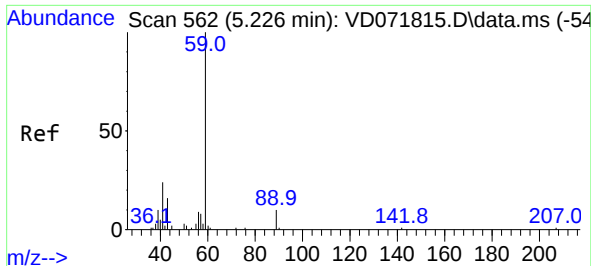
Tgt Ion:168 Resp: 279890
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#5
Bromomethane
Concen: 1.046 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Tgt Ion: 94 Resp: 2872
Ion Ratio Lower Upper
94 100
96 71.4 77.6 116.4#

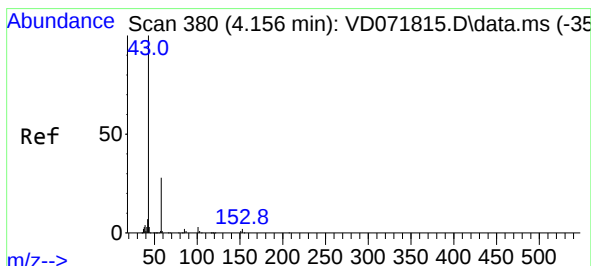
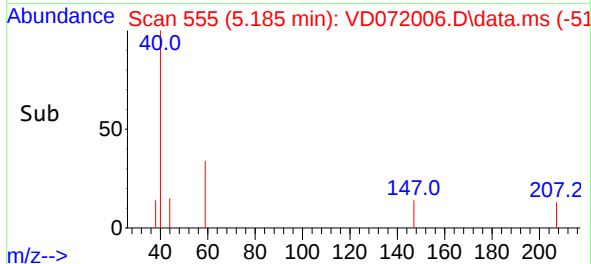
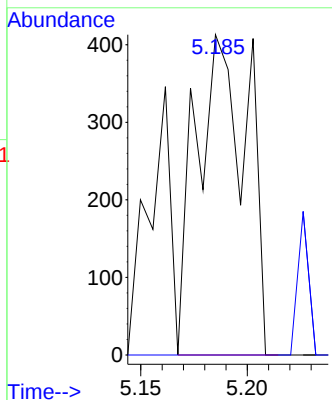
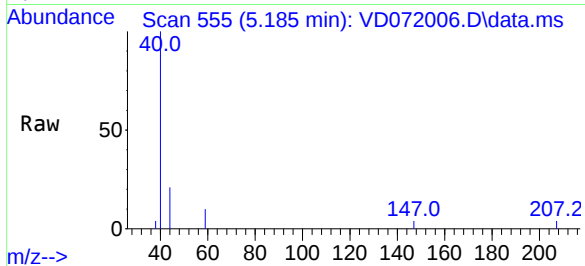




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

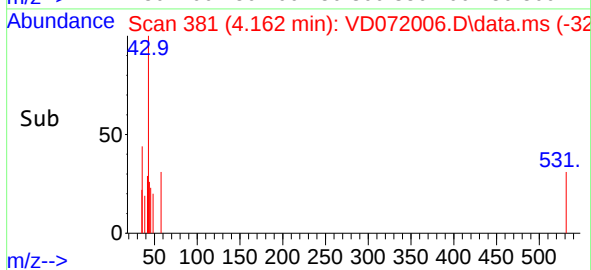
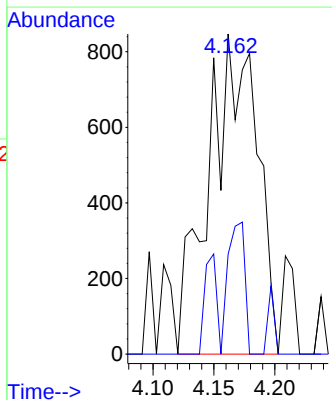
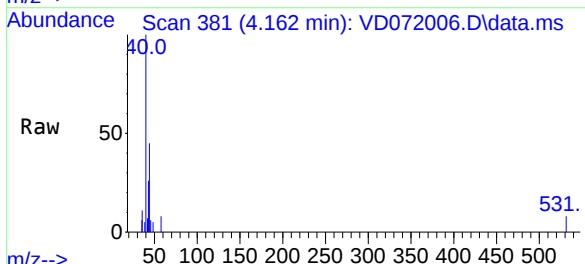
Instrument :
MSVOA_D
ClientSampleId :

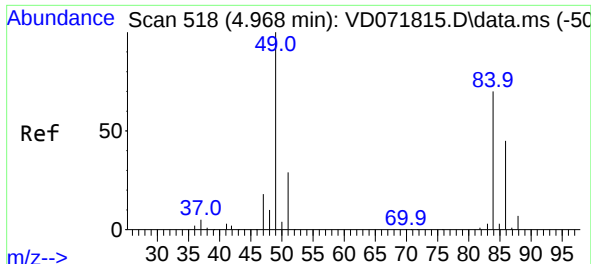
Tgt Ion: 59 Resp: 684
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.437 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

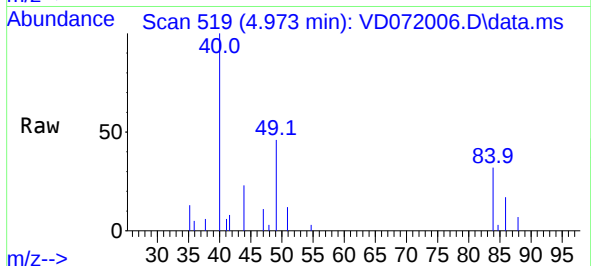
Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1





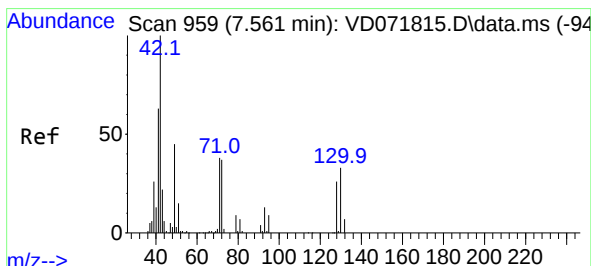
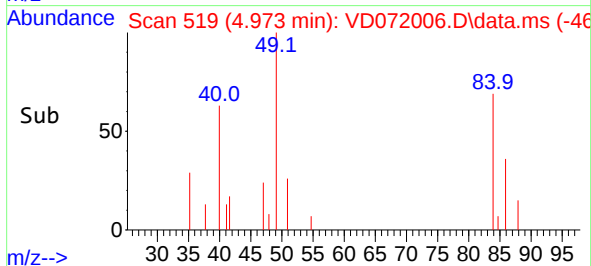
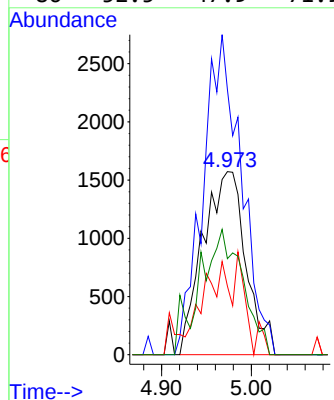
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5224

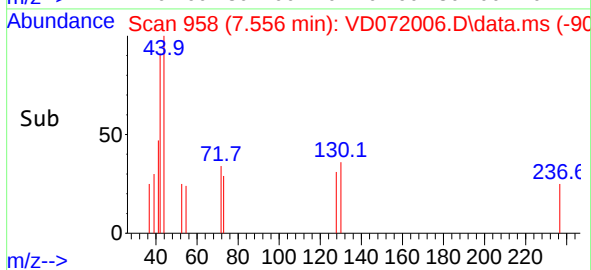
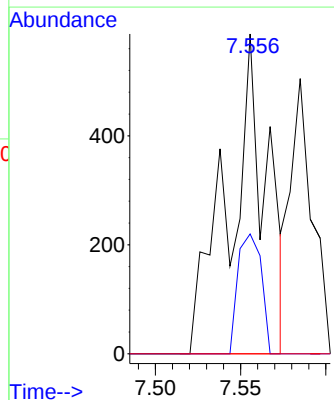
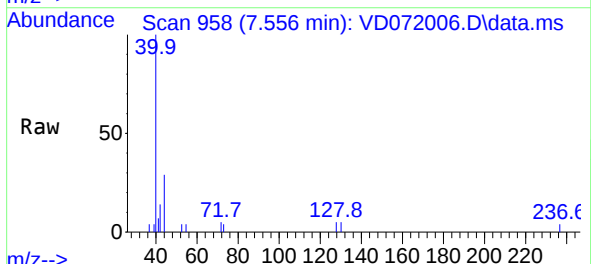
Ion	Ratio	Lower	Upper
84	100		
49	145.0	112.8	169.2
51	37.5	32.6	48.8
86	52.5	47.9	71.9

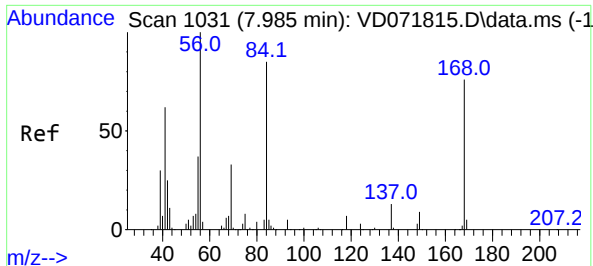


#29
Tetrahydrofuran
Concen: 1.367 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Tgt Ion: 42 Resp: 913

Ion	Ratio	Lower	Upper
42	100		
72	22.9	30.7	46.1#
71	0.0	28.6	43.0#





#31

Cyclohexane

Concen: 1.800 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072006.D

Acq: 17 Feb 2022 11:34

Instrument :

MSVOA_D

ClientSampleId :

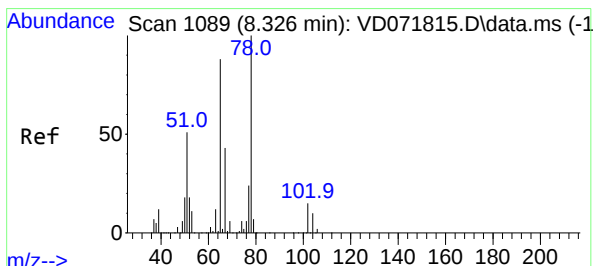
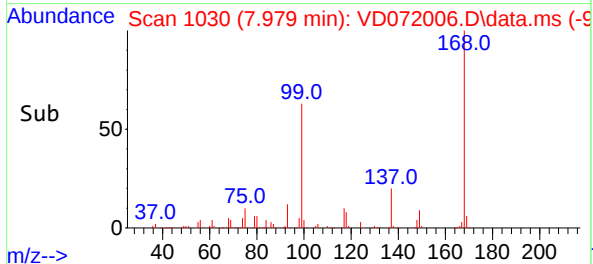
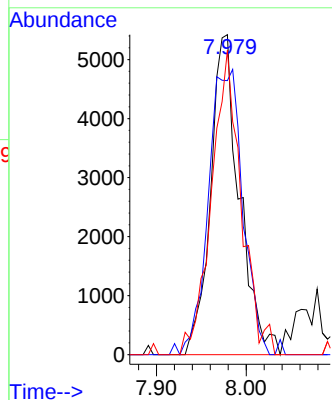
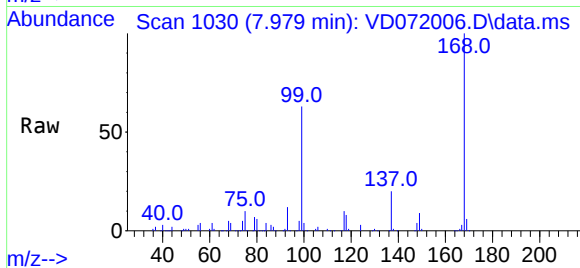
Tgt Ion: 56 Resp: 12158

Ion Ratio Lower Upper

56 100

69 85.7 25.4 38.2#

84 95.1 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 57.077 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072006.D

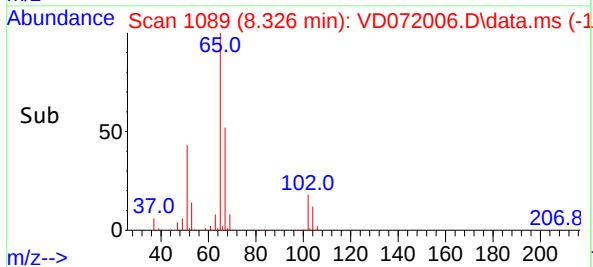
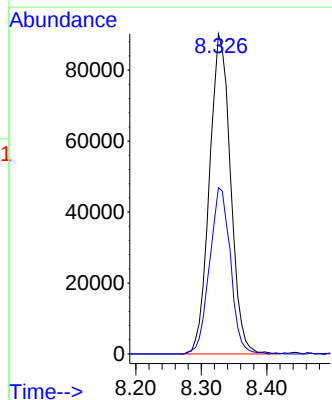
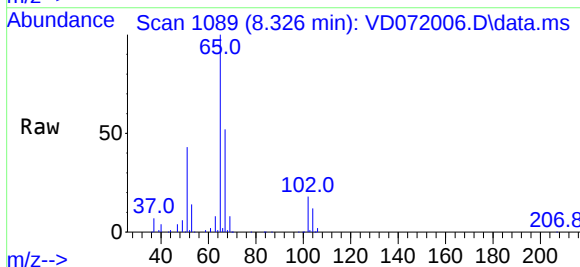
Acq: 17 Feb 2022 11:34

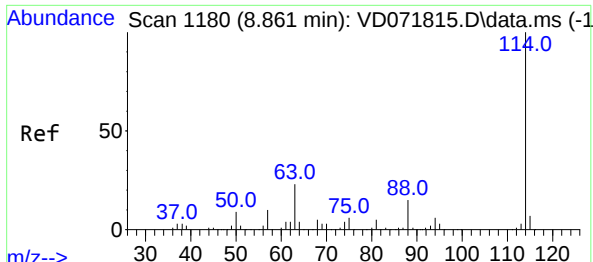
Tgt Ion: 65 Resp: 201919

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4

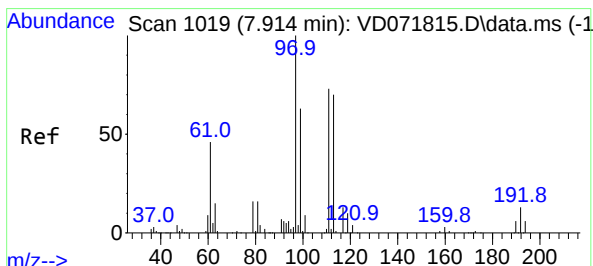
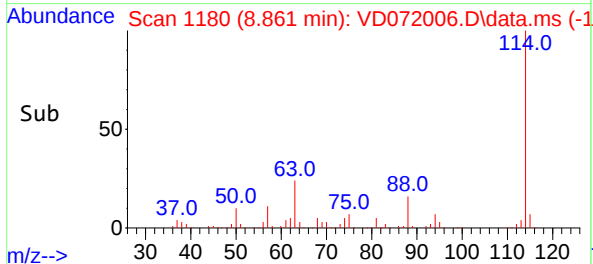
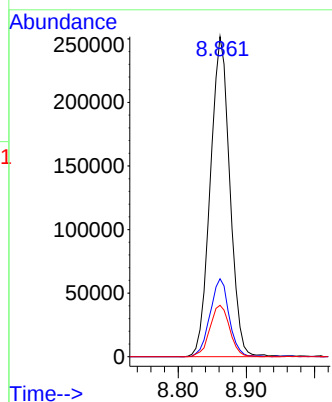
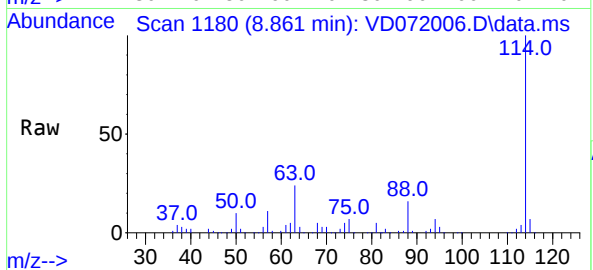




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

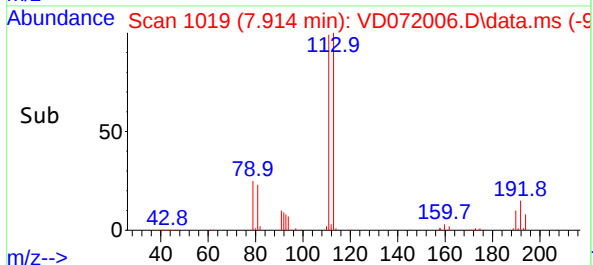
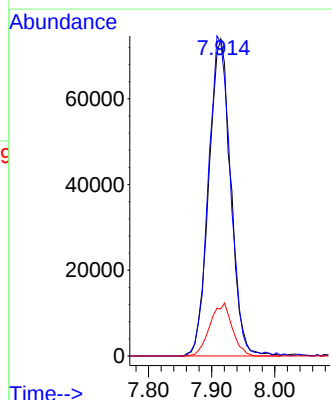
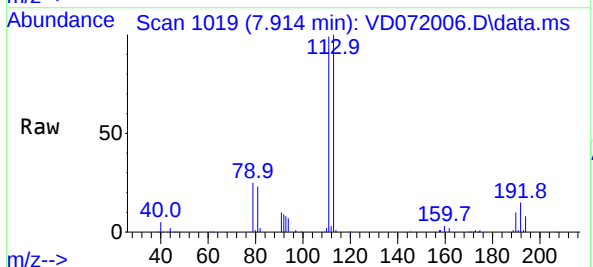
Instrument :
MSVOA_D
ClientSampleId :

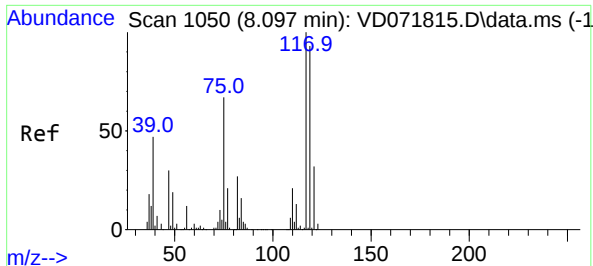
Tgt Ion:114 Resp: 500618
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.070 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

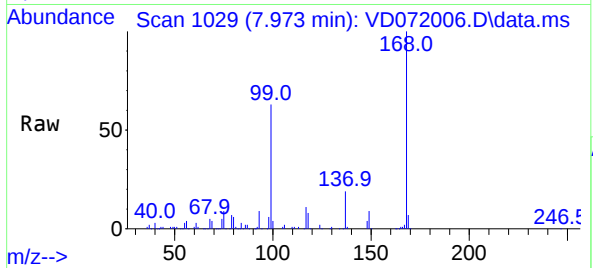
Tgt Ion:113 Resp: 177927
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 17.0 14.6 21.8



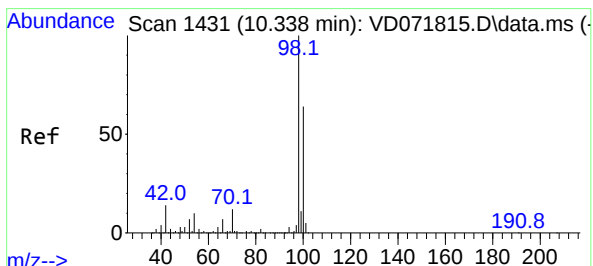
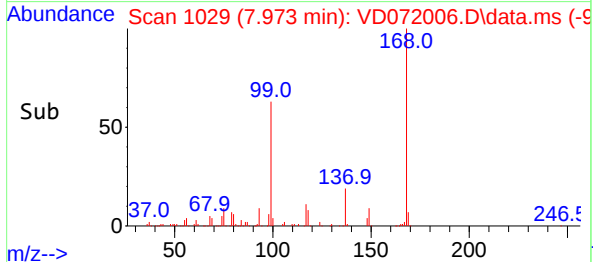
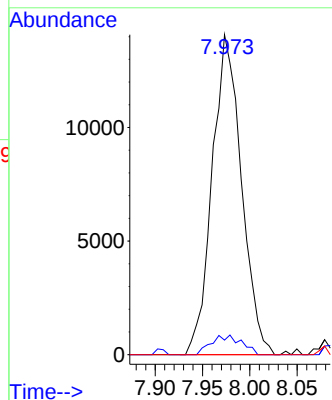


#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :

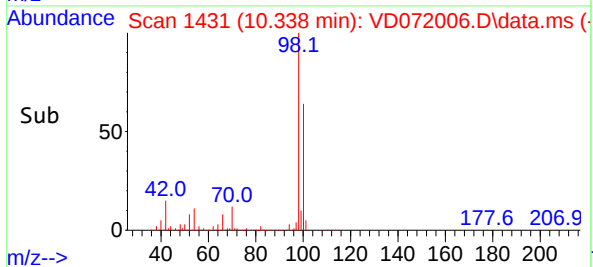
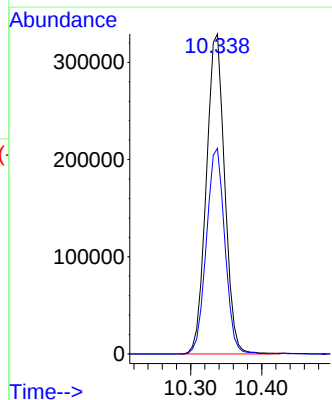
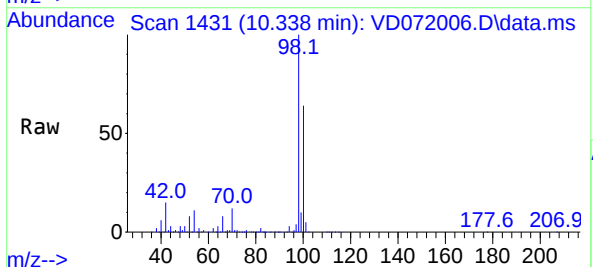


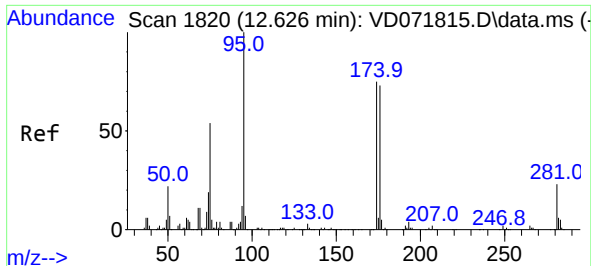
Tgt Ion:117 Resp: 30328
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.271 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Tgt Ion: 98 Resp: 593237
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

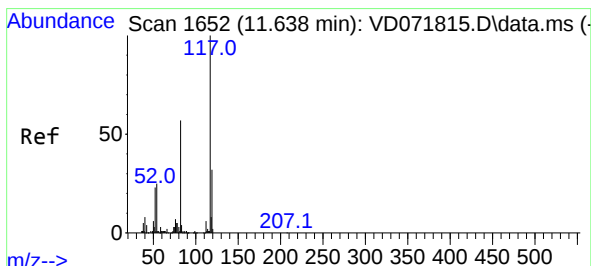
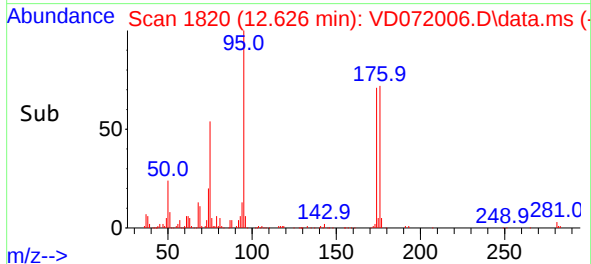
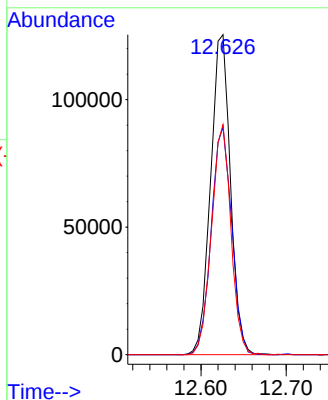
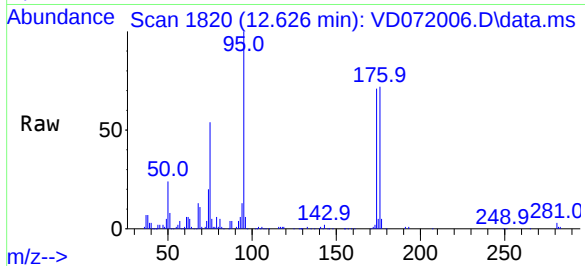




#62
4-Bromofluorobenzene
Concen: 47.175 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

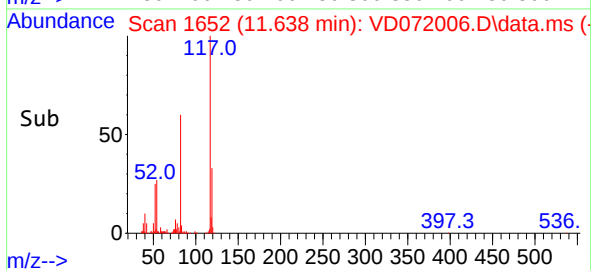
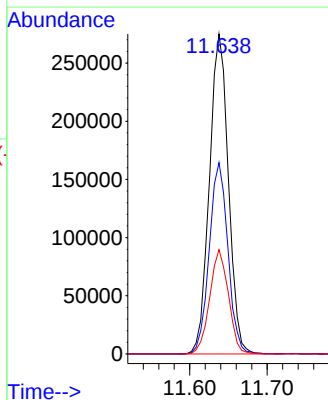
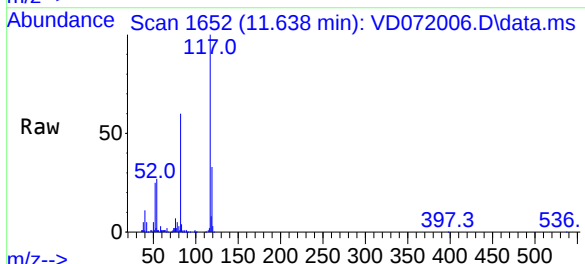
Instrument :
MSVOA_D
ClientSampleId :

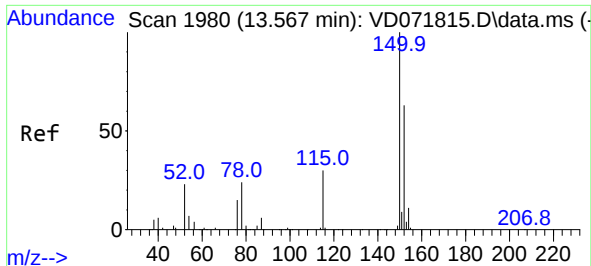
Tgt Ion: 95 Resp: 202462
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 70.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

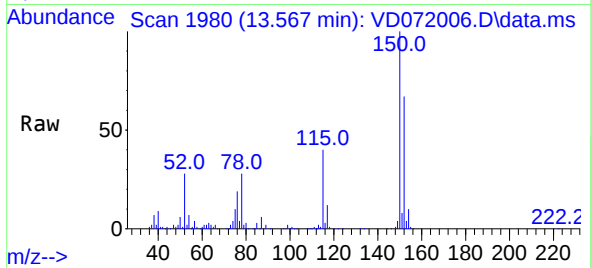
Tgt Ion:117 Resp: 468180
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 32.6 26.6 40.0



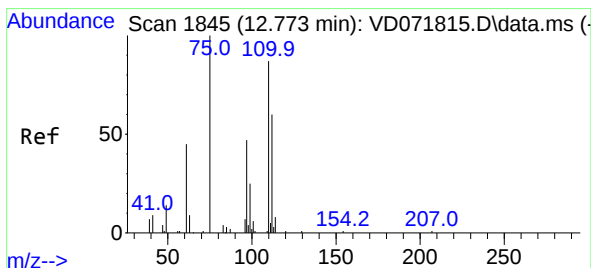
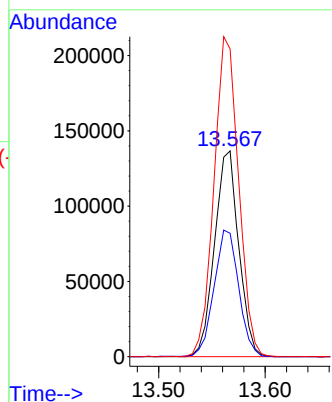
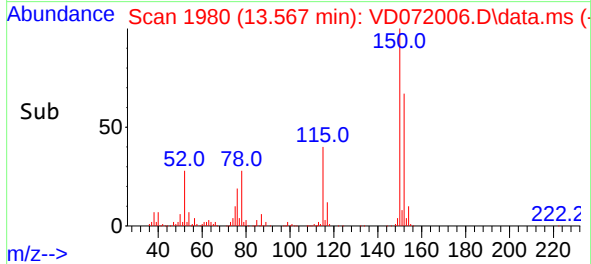


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :

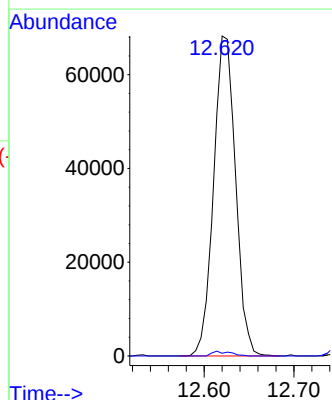
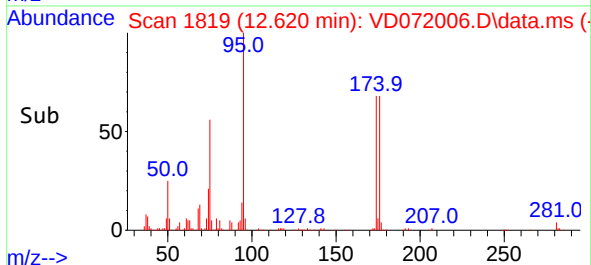
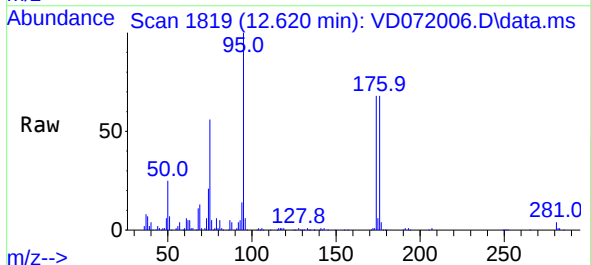


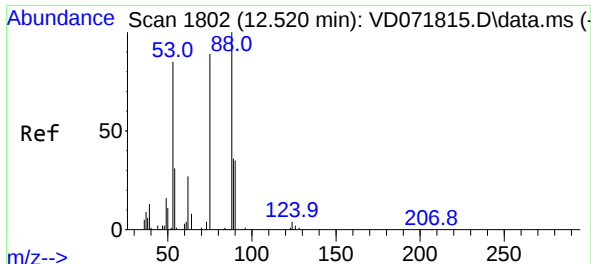
Tgt Ion:152 Resp: 215559
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 158.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.042 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Tgt Ion: 75 Resp: 115953
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

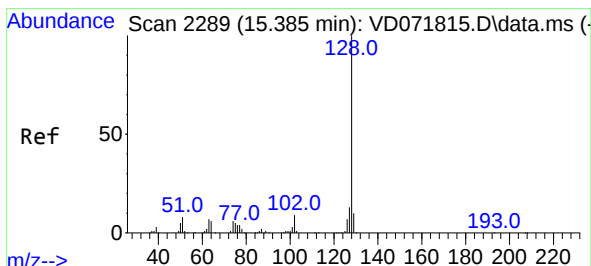
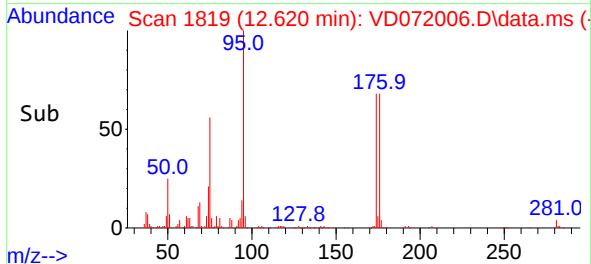
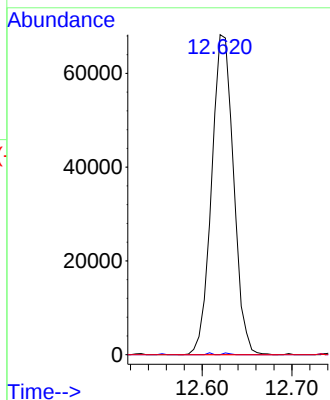
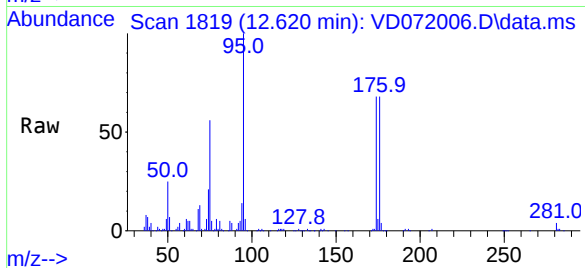




#81
trans-1,4-Dichloro-2-butene
Concen: 125.500 ug/l
RT: 12.620 min Scan# 115953
Delta R.T. 0.100 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 115953
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.943 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD072006.D
Acq: 17 Feb 2022 11:34

Tgt Ion: 128 Resp: 3775
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 4.7 8.4 12.6#

