

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070405.D
 Acq On : 21 Sep 2021 15:39
 Operator : VA/SY
 Sample : M3823-01
 Misc : 10.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:48:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

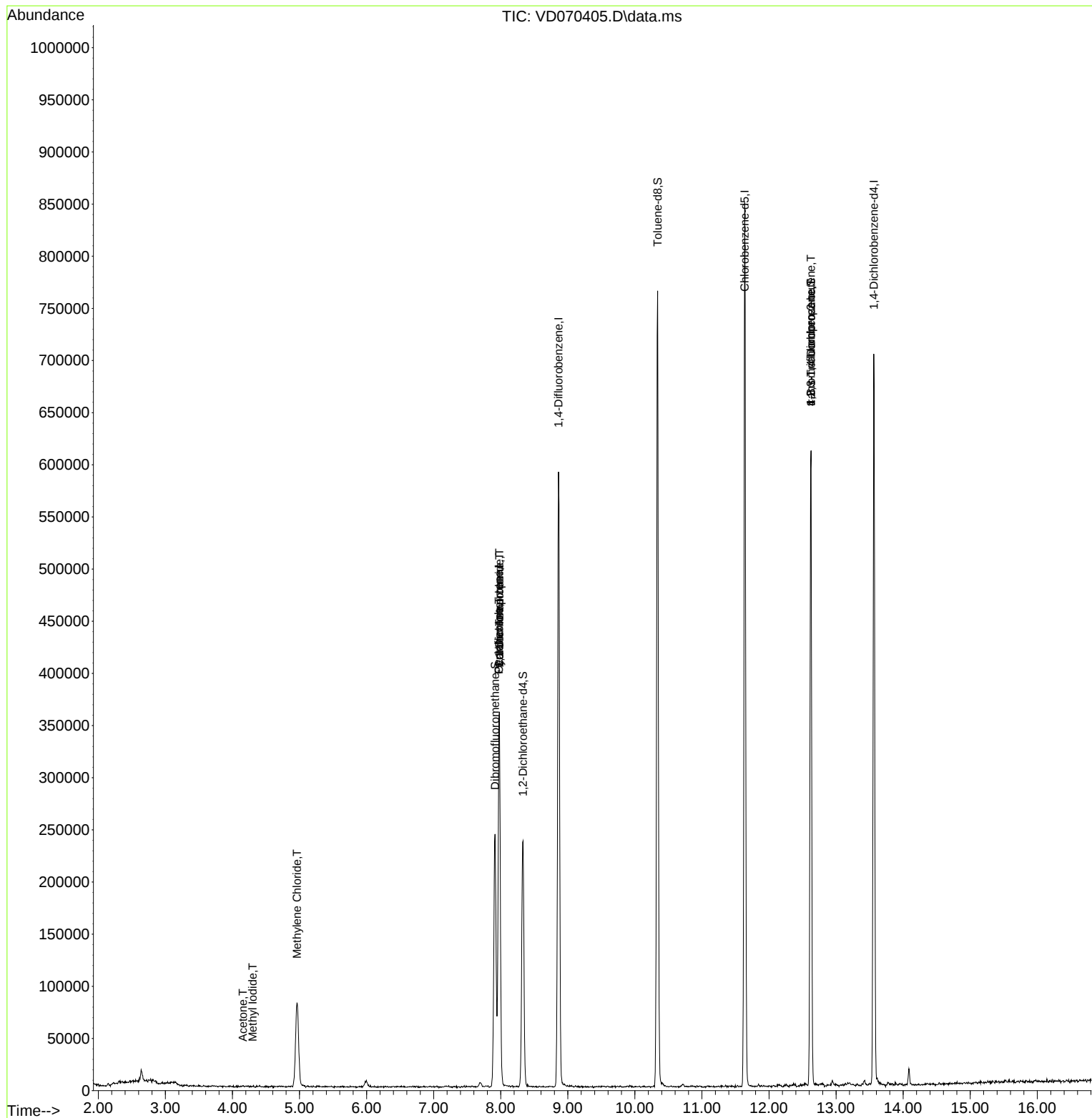
Internal Standards						
1) Pentafluorobenzene	7.973	168	252227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	188204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192794	59.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.060%			
35) Dibromofluoromethane	7.914	113	180335	49.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.660%			
50) Toluene-d8	10.338	98	524890	39.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 79.900%			
62) 4-Bromofluorobenzene	12.626	95	171489	37.347	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	680	Below Cal		91
5) Bromomethane	2.779	94	1658	Below Cal		91
6) Chloroethane	2.838	64	55	Below Cal	#	43
10) Methyl Iodide	4.303	142	224	1.099	ug/l #	72
16) Acetone	4.156	43	1108	1.916	ug/l #	81
18) Methyl Acetate	4.738	43	370	Below Cal	#	48
20) Methylene Chloride	4.962	84	67403	13.388	ug/l	97
31) Cyclohexane	7.973	56	6356	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	22100	4.067	ug/l #	48
38) Carbon Tetrachloride	7.979	117	28801	5.359	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	87933	46.190	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	87933	115.734	ug/l #	18

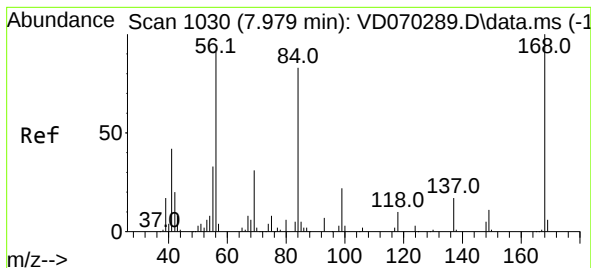
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 01:48:02 2021
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070405.D

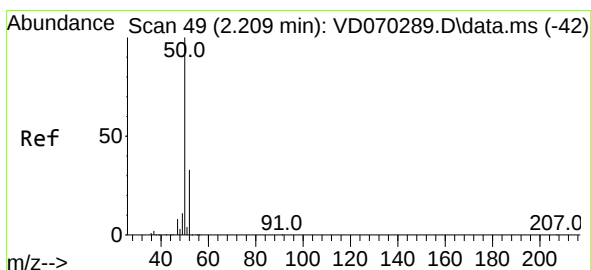
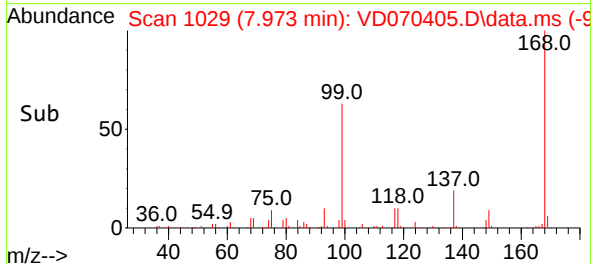
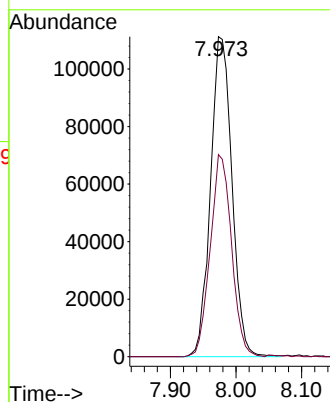
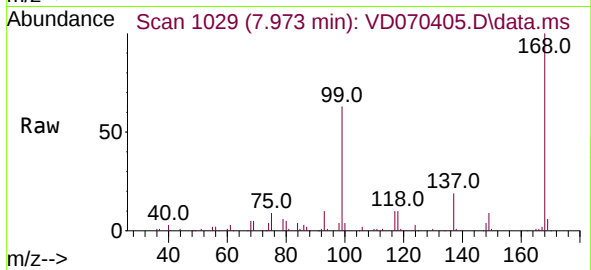
Acq: 21 Sep 2021 15:39

Tgt Ion:168 Resp: 252227

Ion Ratio Lower Upper

168 100

99 63.2 50.8 76.2



#3

Chloromethane

Concen: Below Cal

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD070405.D

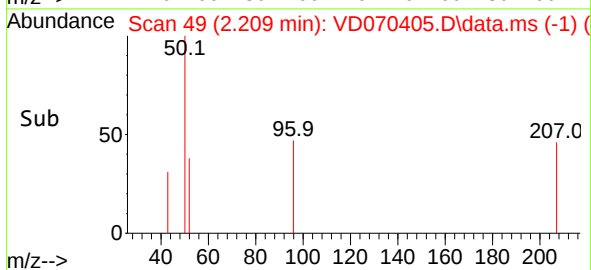
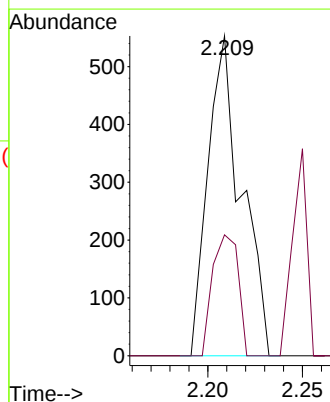
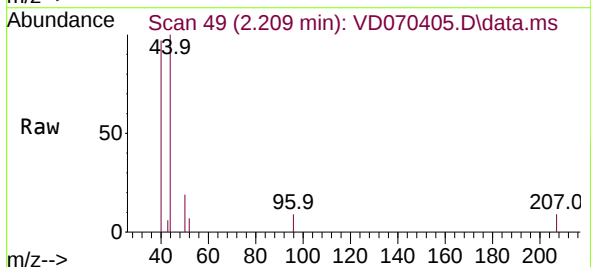
Acq: 21 Sep 2021 15:39

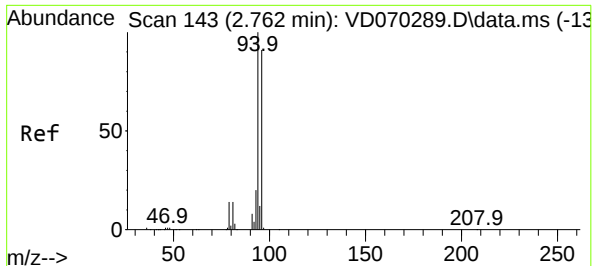
Tgt Ion: 50 Resp: 680

Ion Ratio Lower Upper

50 100

52 37.8 26.2 39.2

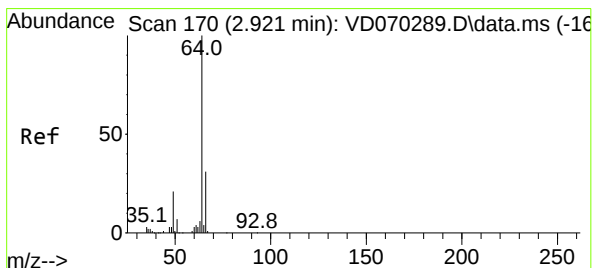
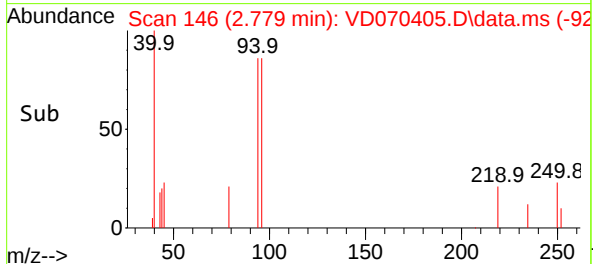
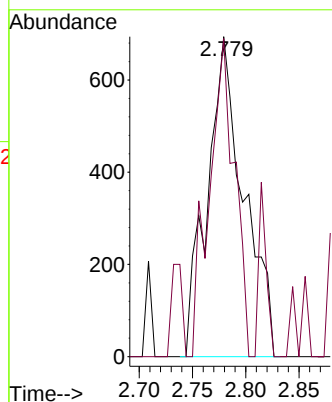
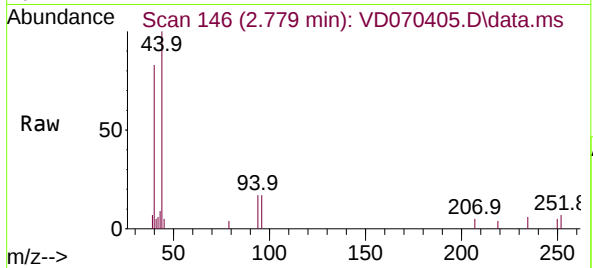




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

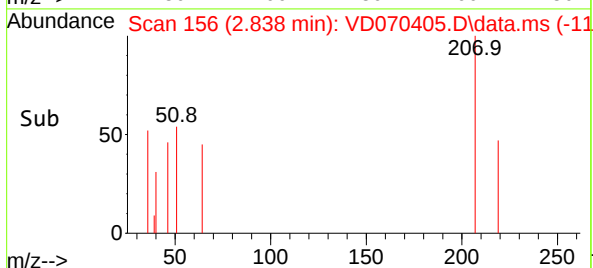
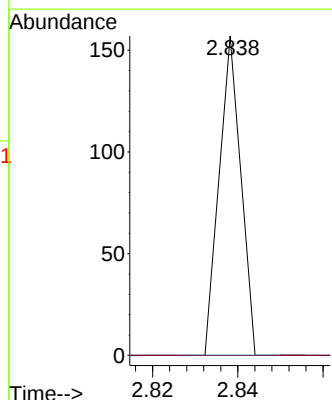
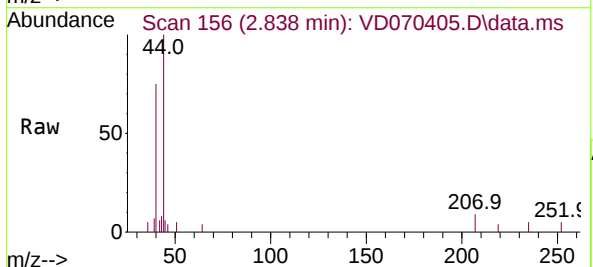
Instrument :
MSVOA_D
ClientSampleId :

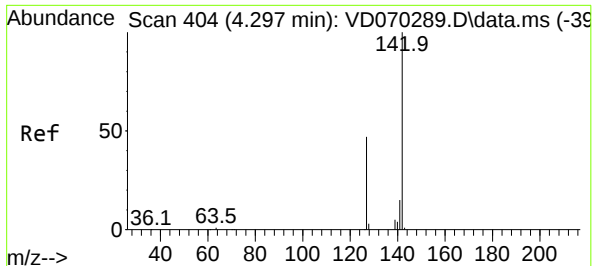
Tgt Ion: 94 Resp: 1658
Ion Ratio Lower Upper
94 100
96 99.4 73.0 109.6



#6
Chloroethane
Concen: Below Cal
RT: 2.838 min Scan# 156
Delta R.T. -0.083 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 64 Resp: 55
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#10

Methyl Iodide

Concen: 1.099 ug/l

RT: 4.303 min Scan# 405

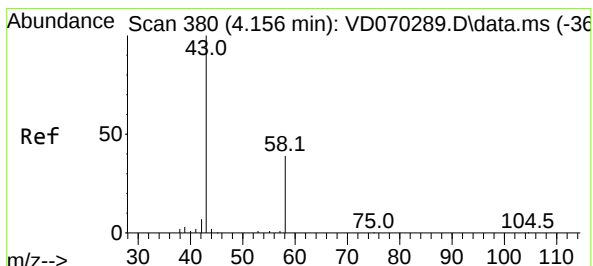
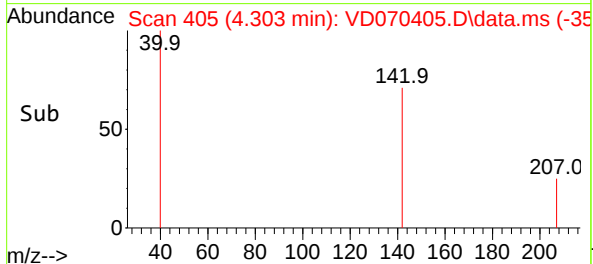
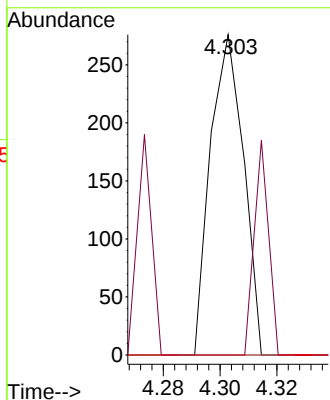
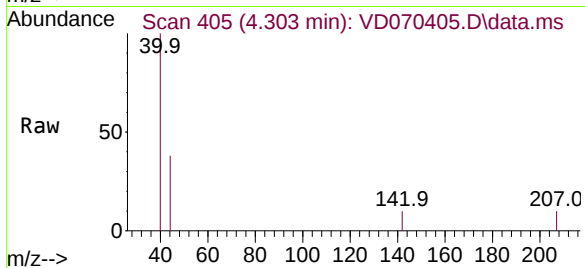
Delta R.T. 0.006 min

Lab File: VD070405.D

Acq: 21 Sep 2021 15:39

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	142	Resp:	224
Ion	Ratio	Lower	Upper
142	100		
127	29.0	36.9	55.3#
141	0.0	11.8	17.6#



#16

Acetone

Concen: 1.916 ug/l

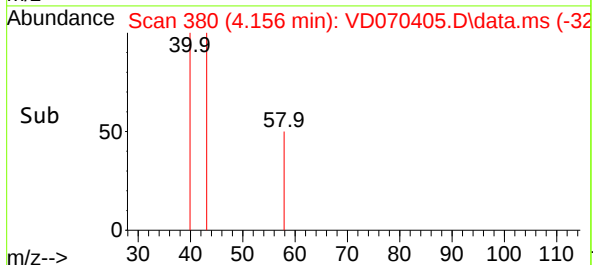
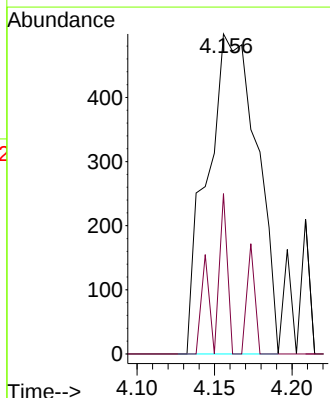
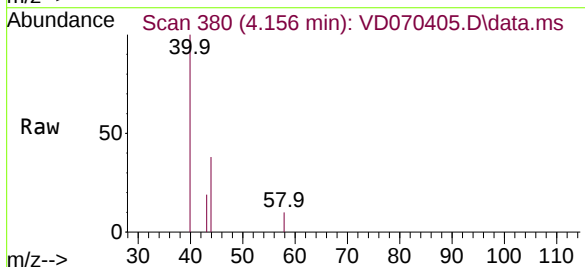
RT: 4.156 min Scan# 380

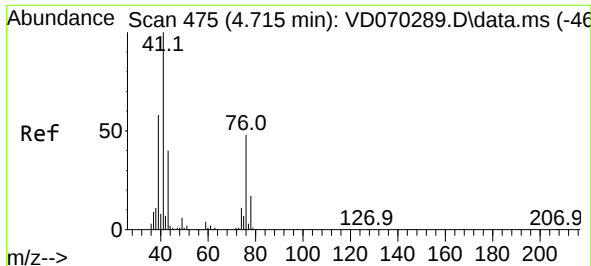
Delta R.T. -0.000 min

Lab File: VD070405.D

Acq: 21 Sep 2021 15:39

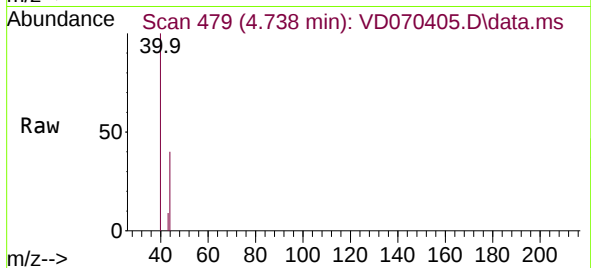
Tgt Ion:	43	Resp:	1108
Ion	Ratio	Lower	Upper
43	100		
58	50.1	30.9	46.3#



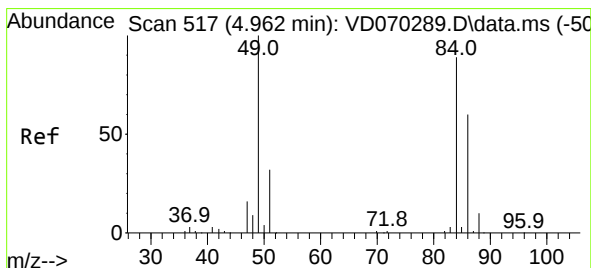
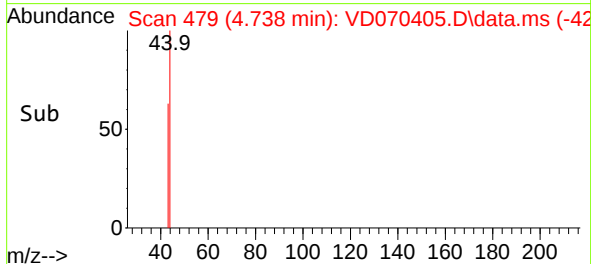
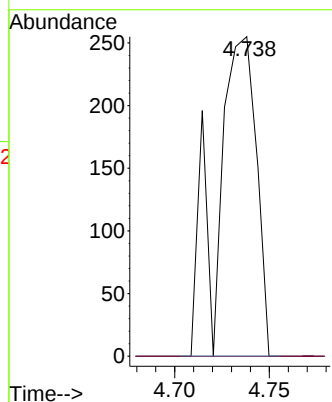


#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.023 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Instrument :
MSVOA_D
ClientSampled :

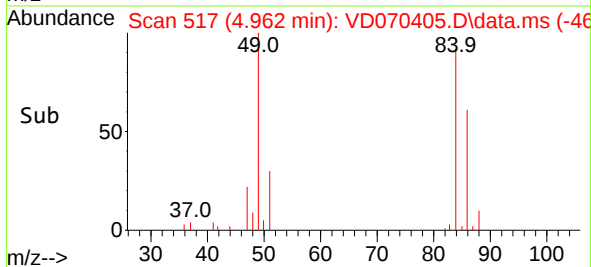
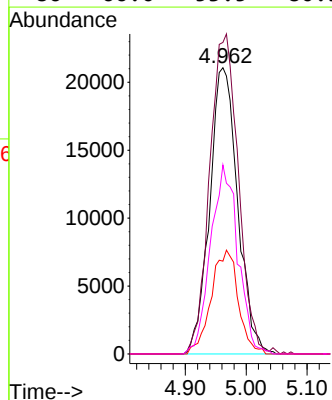
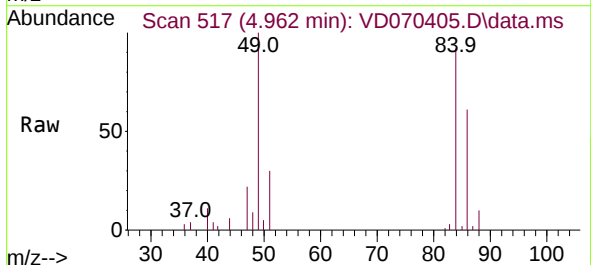


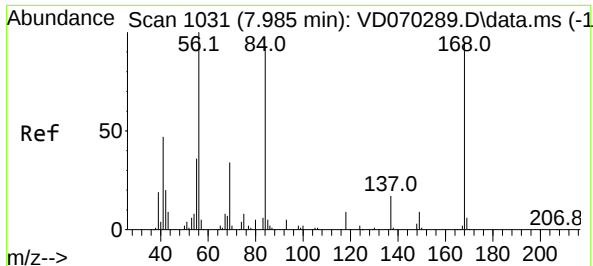
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 13.388 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

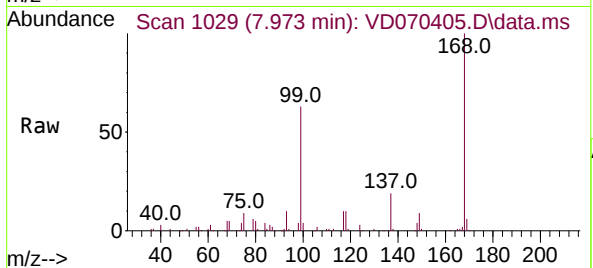
Tgt Ion: 84 Resp: 67403
Ion Ratio Lower Upper
84 100
49 108.8 89.6 134.4
51 32.4 28.6 43.0
86 66.0 53.5 80.3



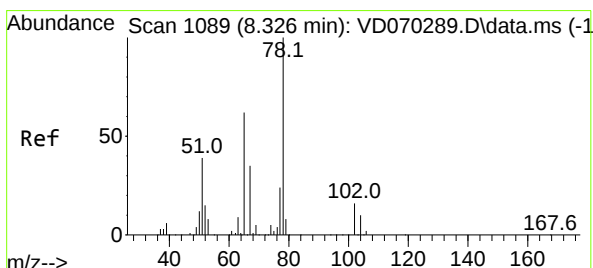
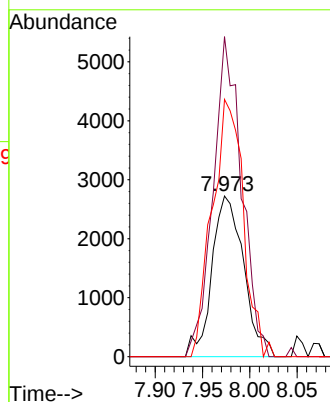
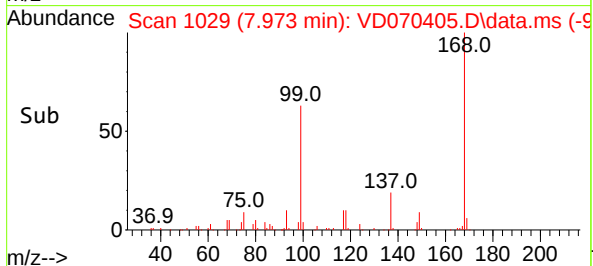


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

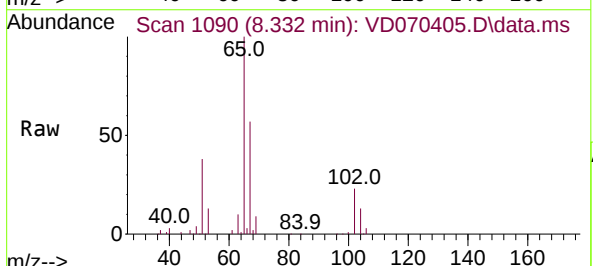
Instrument :
MSVOA_D
ClientSampled :



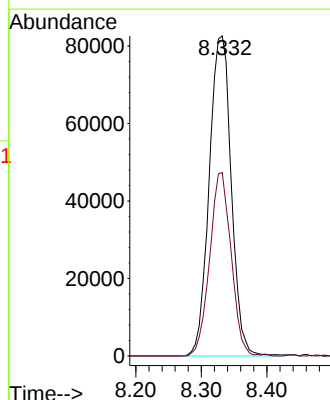
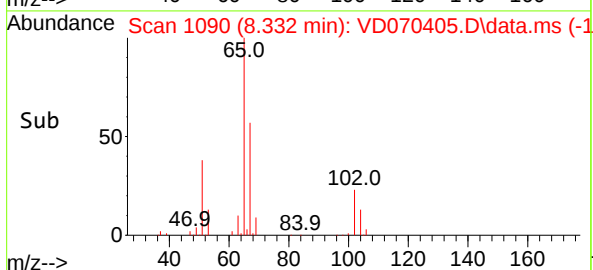
Tgt Ion: 56 Resp: 6356
Ion Ratio Lower Upper
56 100
69 199.3 26.9 40.3#
84 185.2 73.6 110.4#

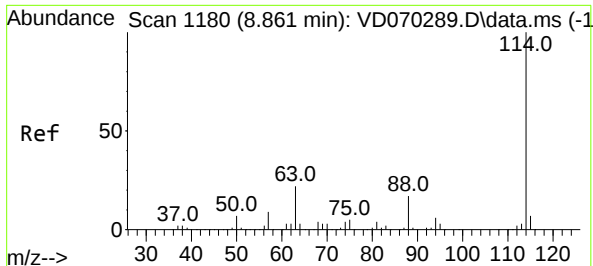


#33
1,2-Dichloroethane-d4
Concen: 59.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39



Tgt Ion: 65 Resp: 192794
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.4

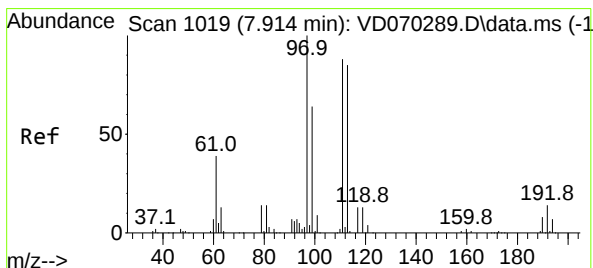
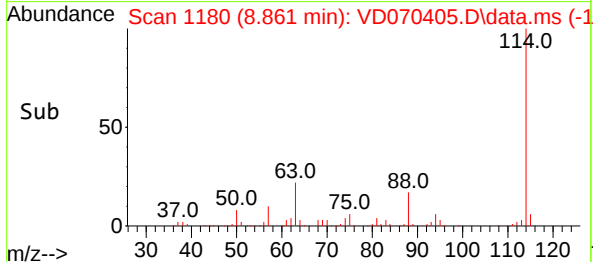
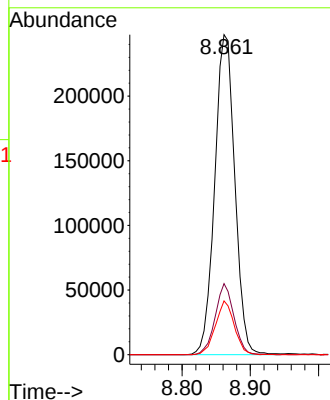
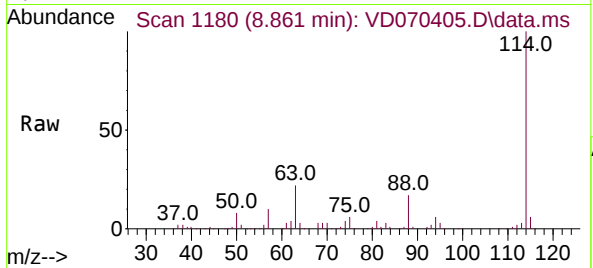




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

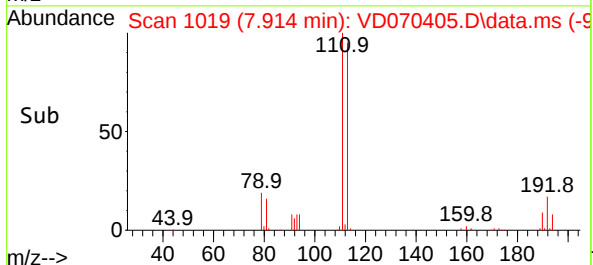
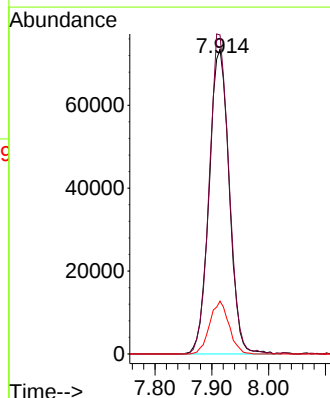
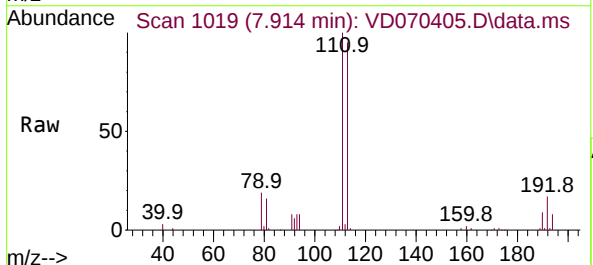
Instrument :
MSVOA_D
ClientSampled :

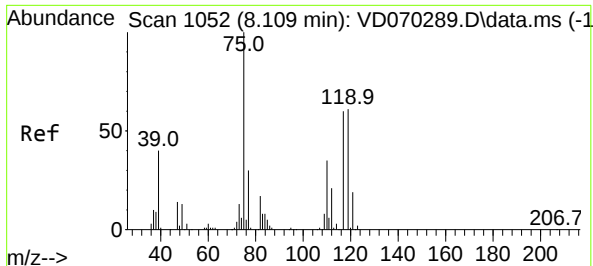
Tgt Ion:114 Resp: 508371
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.835 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion:113 Resp: 180335
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 16.6 13.0 19.6

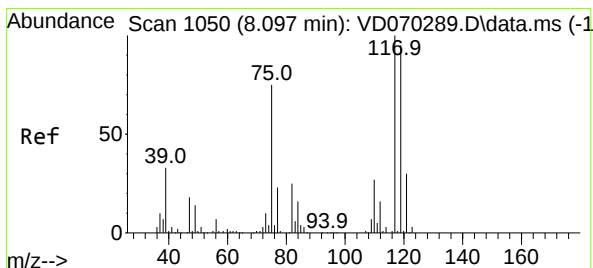
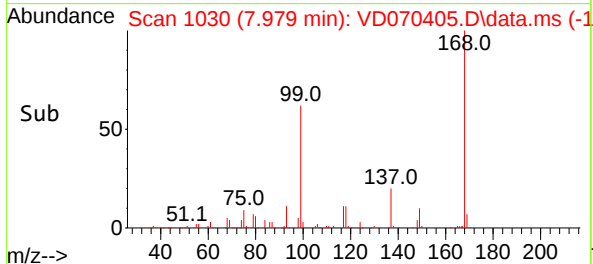
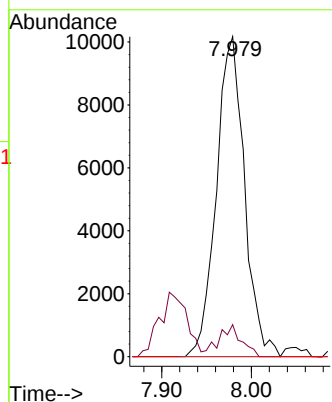
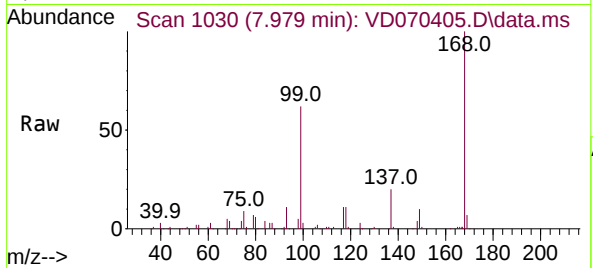




#36
1,1-Dichloropropene
Concen: 4.067 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

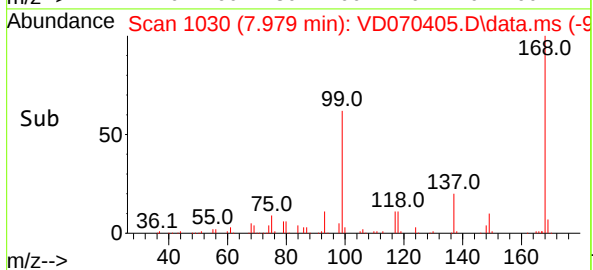
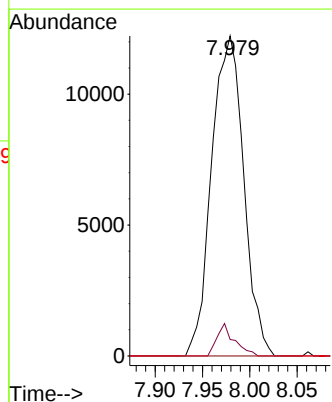
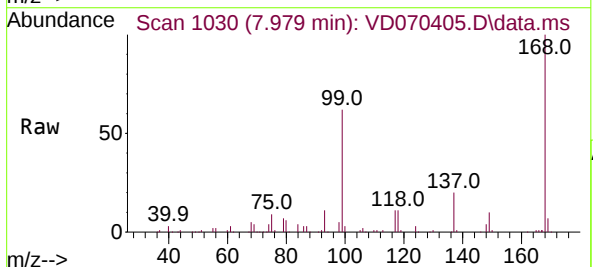
Instrument :
MSVOA_D
ClientSampled :

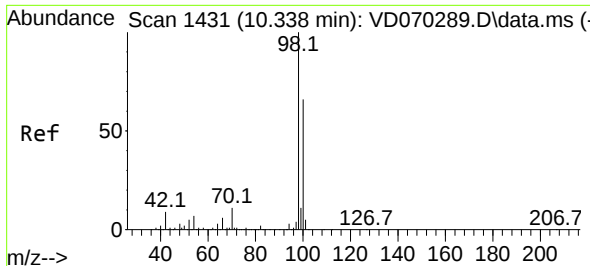
Tgt Ion: 75 Resp: 22100
Ion Ratio Lower Upper
75 100
110 7.8 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 117 Resp: 28801
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 23.8 35.6#

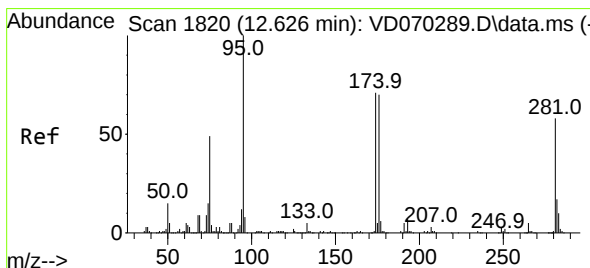
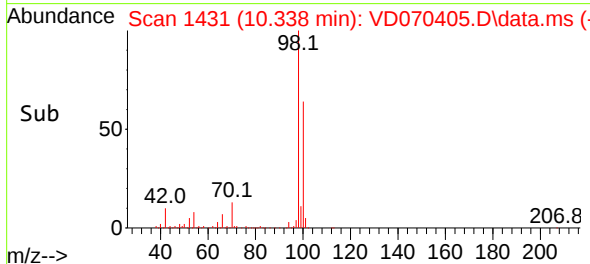
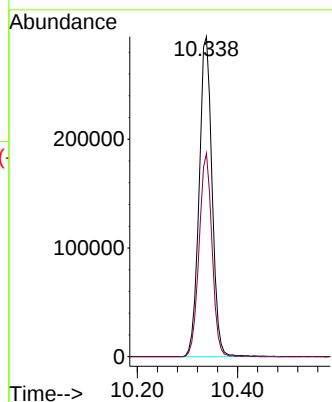
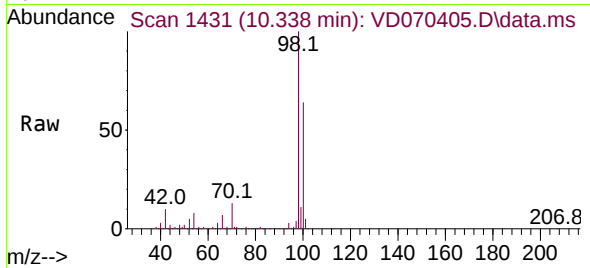




#50
Toluene-d8
Concen: 39.951 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

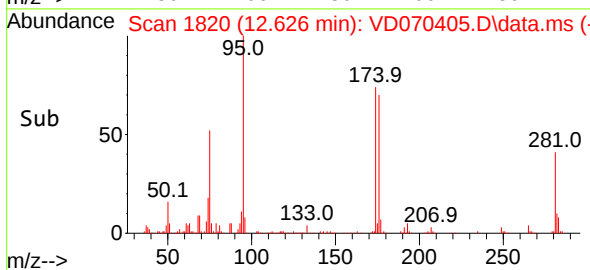
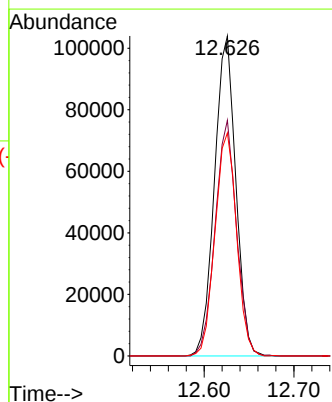
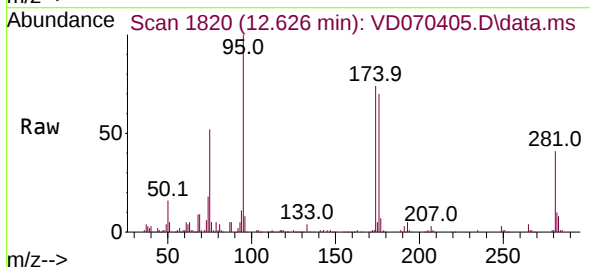
Instrument :
MSVOA_D
ClientSampled :

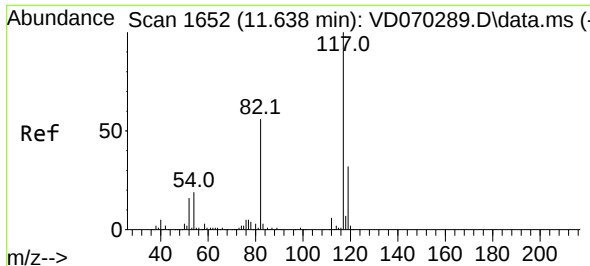
Tgt Ion: 98 Resp: 524890
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.347 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 95 Resp: 171489
Ion Ratio Lower Upper
95 100
174 74.0 0.0 140.6
176 70.7 0.0 137.4

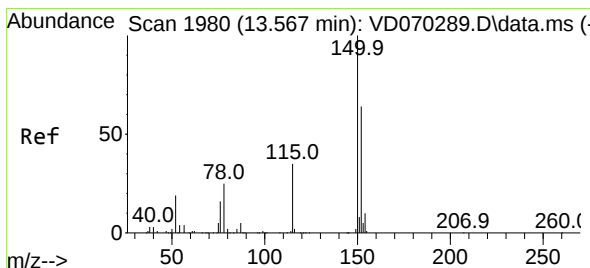
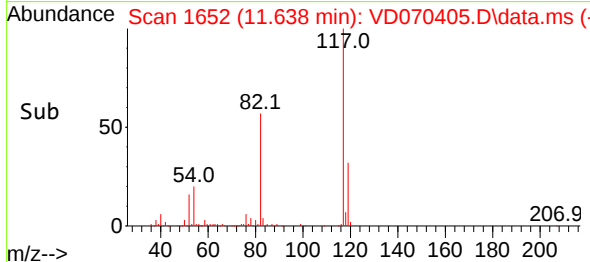
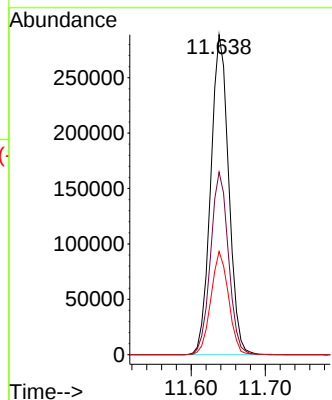
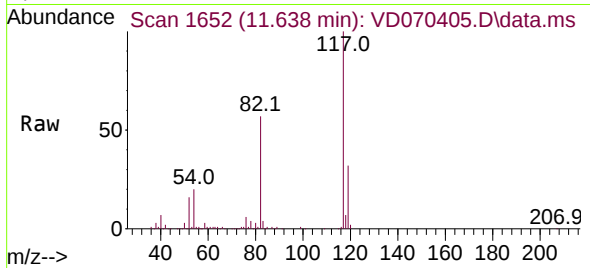




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

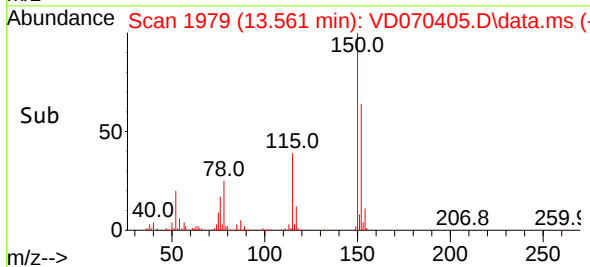
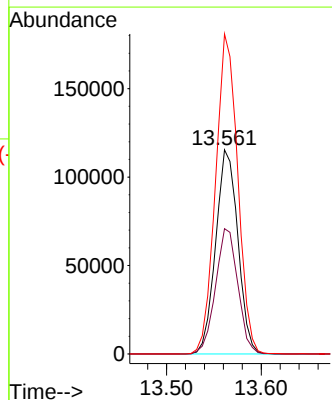
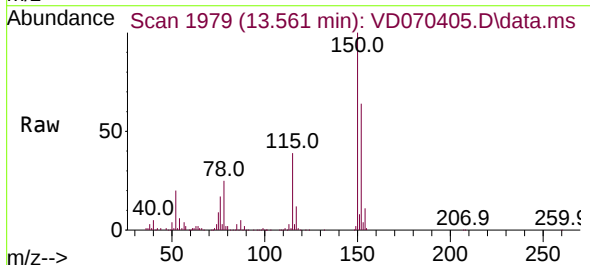
Instrument :
MSVOA_D
ClientSampled :

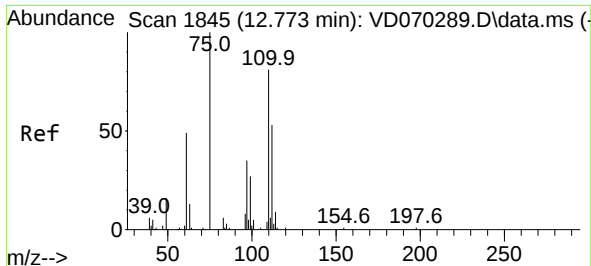
Tgt Ion:117 Resp: 485936
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion:152 Resp: 188204
Ion Ratio Lower Upper
152 100
115 61.7 32.1 96.3
150 156.5 0.0 350.6

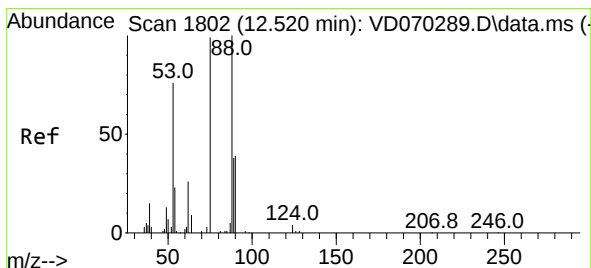
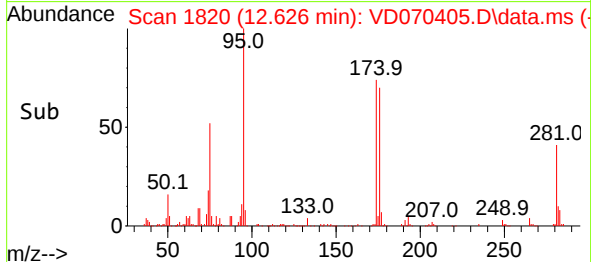
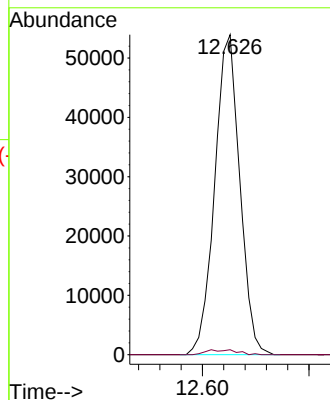
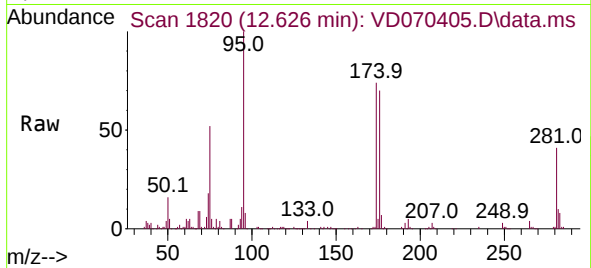




#76
1,2,3-Trichloropropane
Concen: 46.190 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 87933
Ion Ratio Lower Upper
75 100
77 1.9 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.734 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 75 Resp: 87933
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.5 35.6 53.4#

