

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070299.D
 Acq On : 10 Sep 2021 14:54
 Operator : VA/SY
 Sample : M3685-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 02:25:50 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)

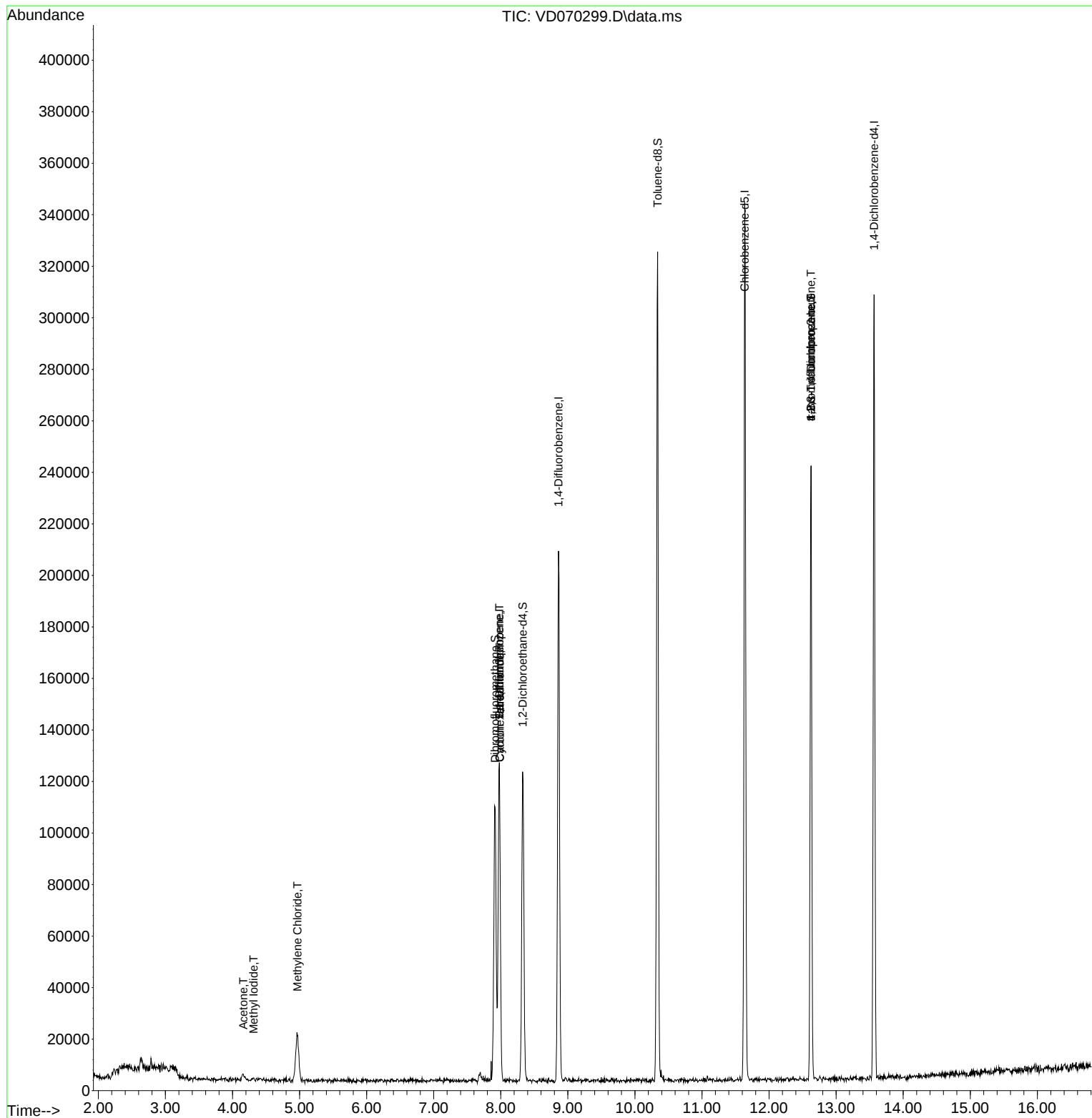
Internal Standards						
1) Pentafluorobenzene	7.979	168	85567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	171908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	197507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	79784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	94851	86.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.660%#			
35) Dibromofluoromethane	7.914	113	80822	66.049	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.100%			
50) Toluene-d8	10.337	98	220744	49.685	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.626	95	82585	53.188	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.380%			
Target Compounds						
3) Chloromethane	2.208	50	690	Below Cal	#	42
5) Bromomethane	2.785	94	2297	Below Cal		97
6) Chloroethane	2.914	64	62	Below Cal	#	43
10) Methyl Iodide	4.314	142	474	1.467	ug/l #	77
16) Acetone	4.161	43	3628	18.495	ug/l #	81
18) Methyl Acetate	4.708	43	59	Below Cal	#	48
20) Methylene Chloride	4.967	84	14829	5.695	ug/l	95
31) Cyclohexane	7.985	56	2199	1.162	ug/l #	28
36) 1,1-Dichloropropene	7.979	75	8499	4.625	ug/l #	46
38) Carbon Tetrachloride	7.985	117	9345	5.142	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	41613	51.563	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	41613	129.197	ug/l #	17

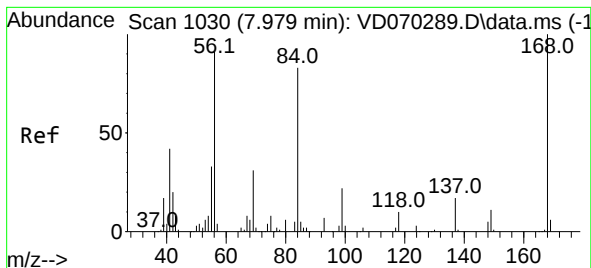
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

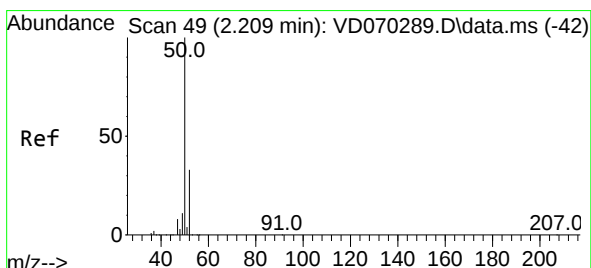
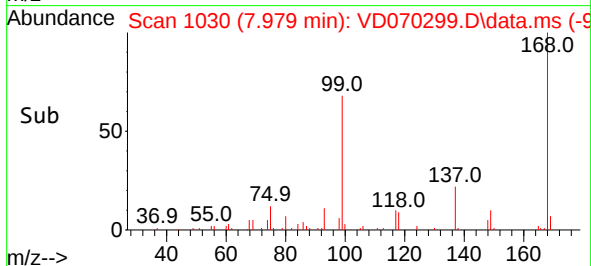
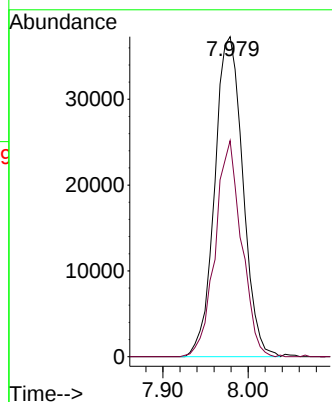
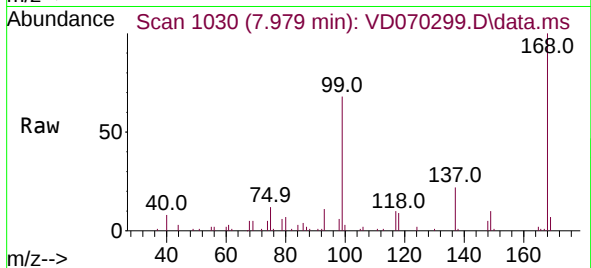




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

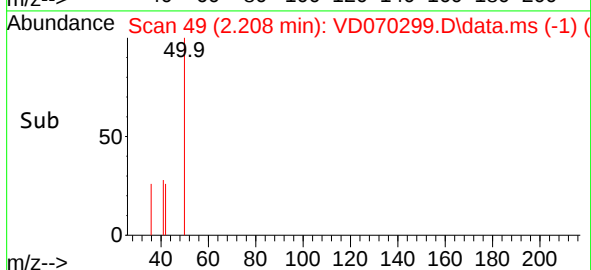
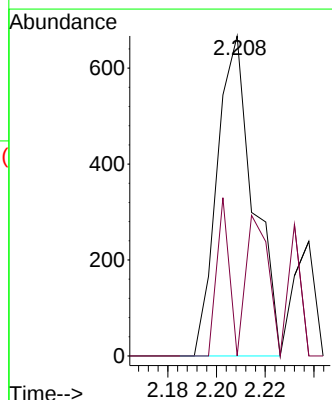
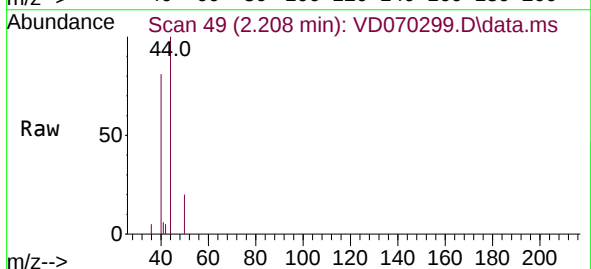
Instrument :
MSVOA_D
ClientSampleId :

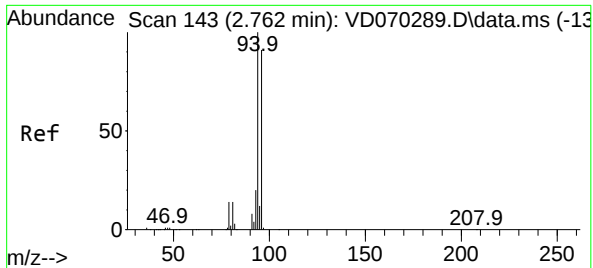
Tgt Ion:168 Resp: 85567
Ion Ratio Lower Upper
168 100
99 67.5 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

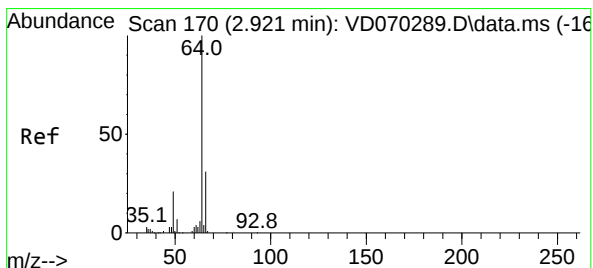
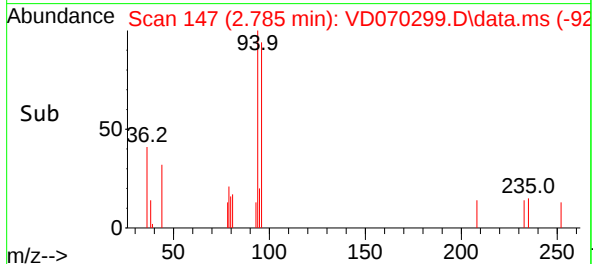
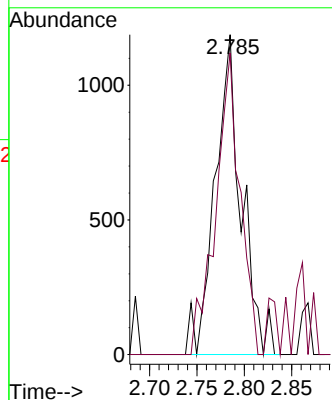
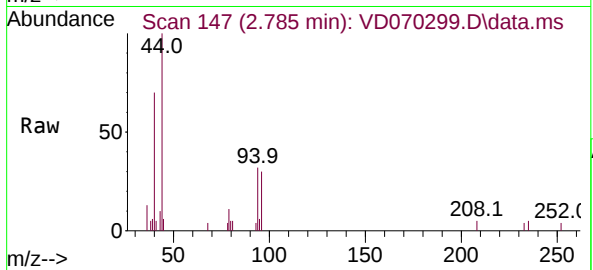




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

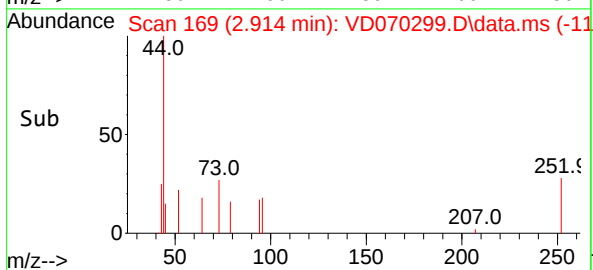
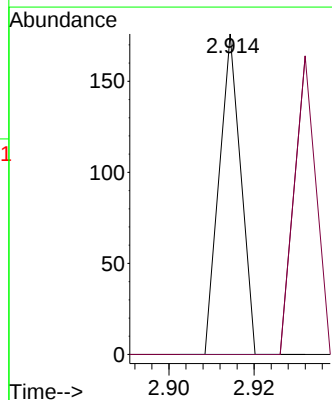
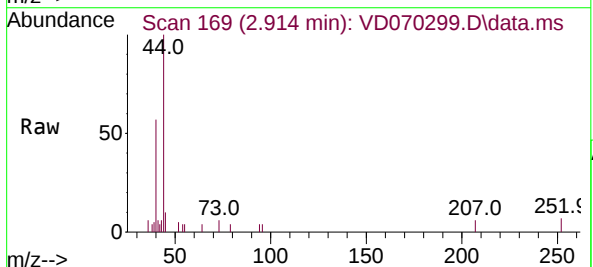
Instrument :
MSVOA_D
ClientSampled :

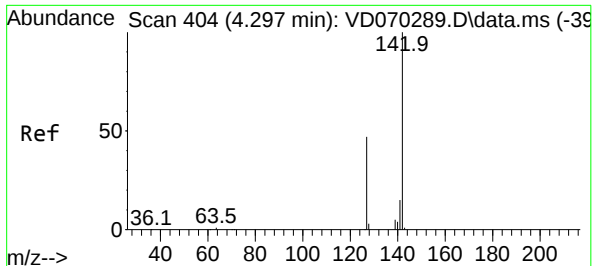
Tgt Ion: 94 Resp: 2297
Ion Ratio Lower Upper
94 100
96 94.3 73.0 109.6



#6
Chloroethane
Concen: Below Cal
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#10

Methyl Iodide

Concen: 1.467 ug/l

RT: 4.314 min Scan# 407

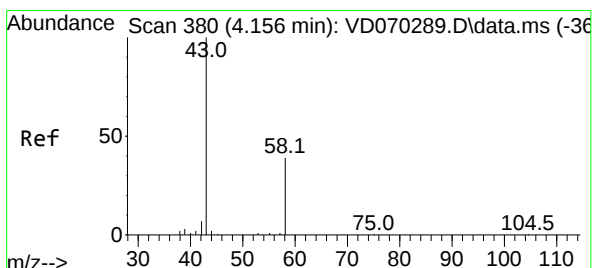
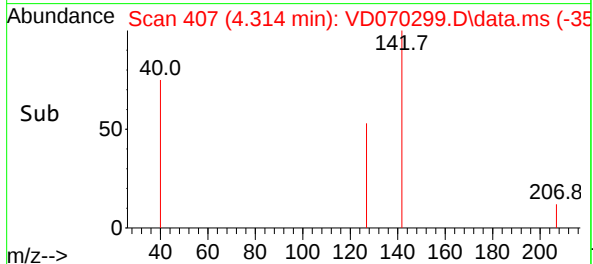
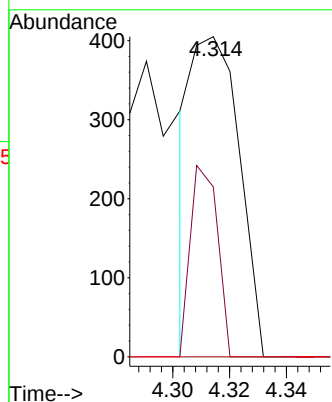
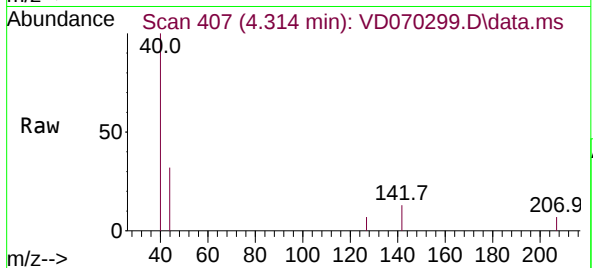
Delta R.T. 0.017 min

Lab File: VD070299.D

Acq: 10 Sep 2021 14:54

Tgt Ion:	142	Resp:	474
Ion	Ratio	Lower	Upper
142	100		
127	34.0	36.9	55.3#
141	0.0	11.8	17.6#

Instrument :
MSVOA_D
ClientSampleId :



#16

Acetone

Concen: 18.495 ug/l

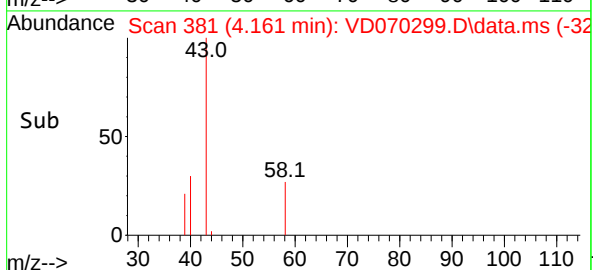
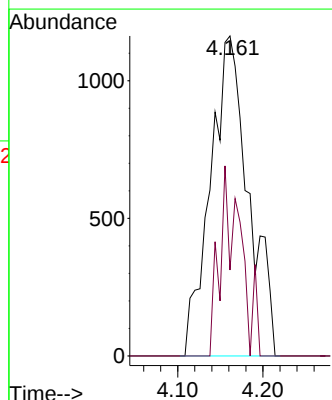
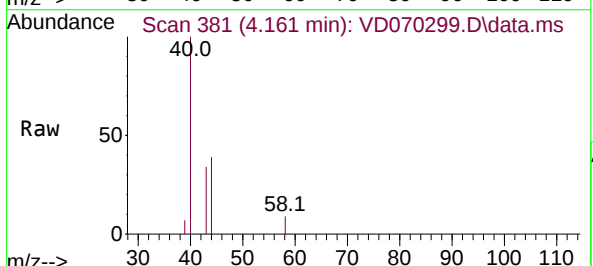
RT: 4.161 min Scan# 381

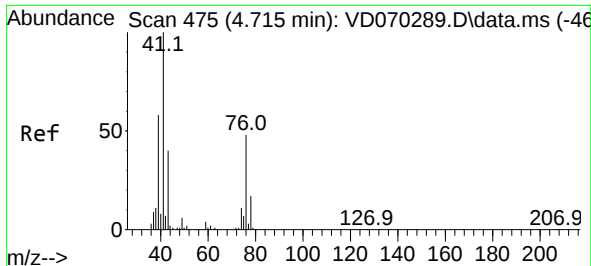
Delta R.T. 0.006 min

Lab File: VD070299.D

Acq: 10 Sep 2021 14:54

Tgt Ion:	43	Resp:	3628
Ion	Ratio	Lower	Upper
43	100		
58	26.8	30.9	46.3#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.708 min Scan# 474

Delta R.T. -0.007 min

Lab File: VD070299.D

Acq: 10 Sep 2021 14:54

Instrument :

MSVOA_D

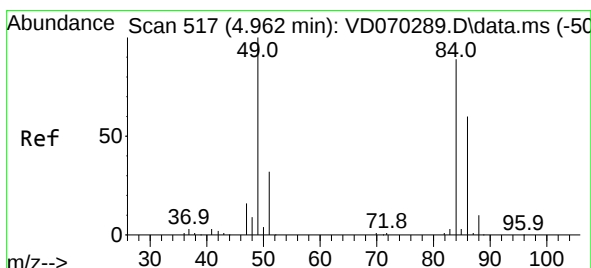
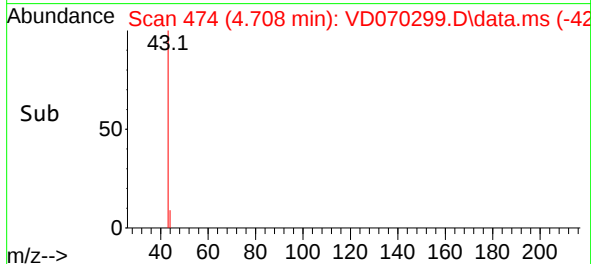
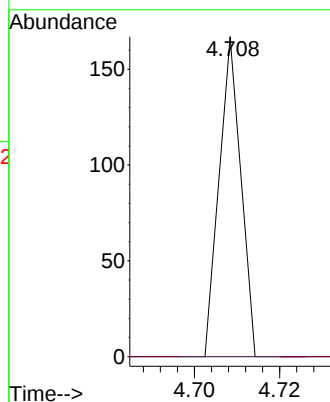
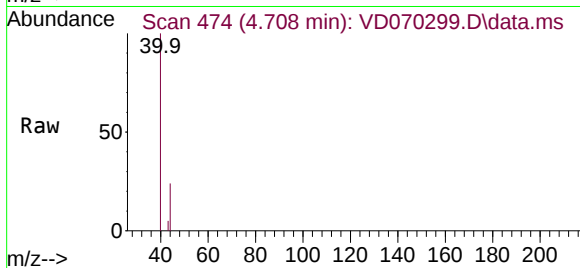
ClientSampleId :

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: 5.695 ug/l

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD070299.D

Acq: 10 Sep 2021 14:54

Tgt Ion: 84 Resp: 14829

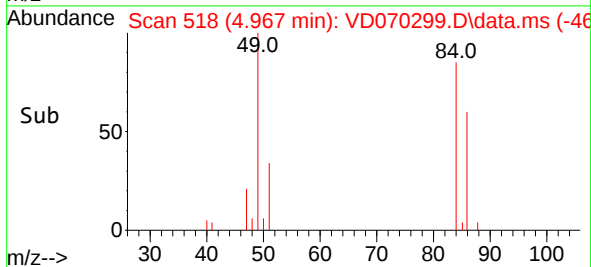
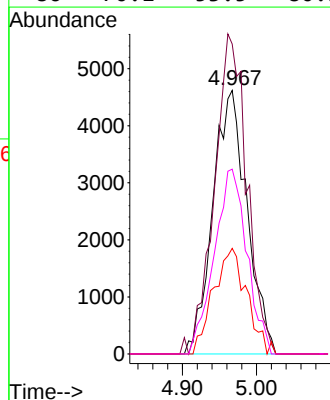
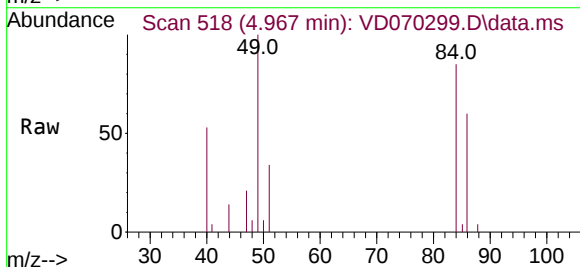
Ion Ratio Lower Upper

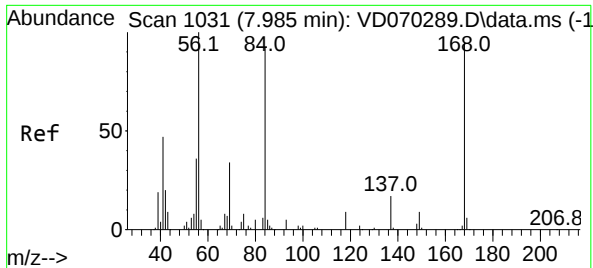
84 100

49 117.6 89.6 134.4

51 40.1 28.6 43.0

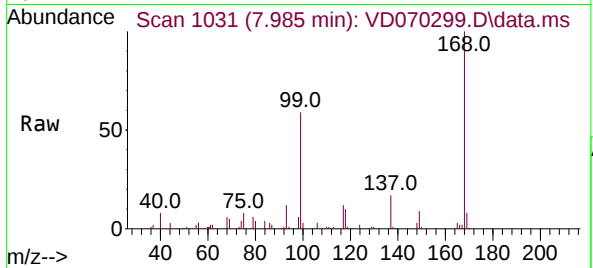
86 70.1 53.5 80.3



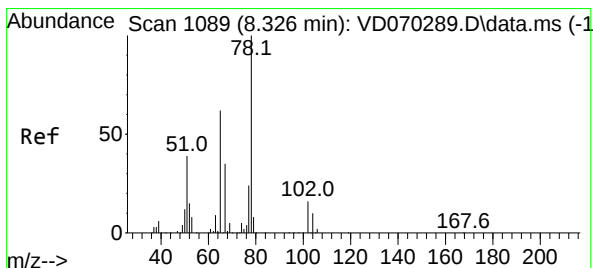
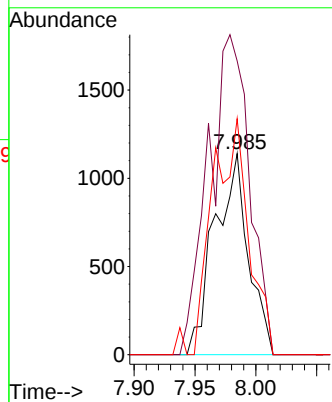
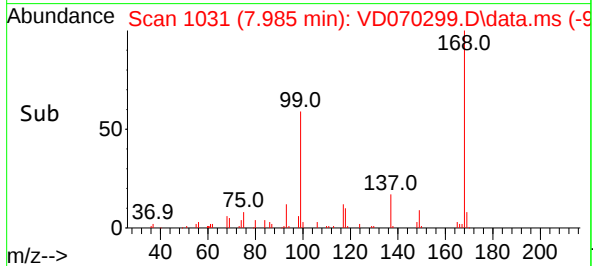


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

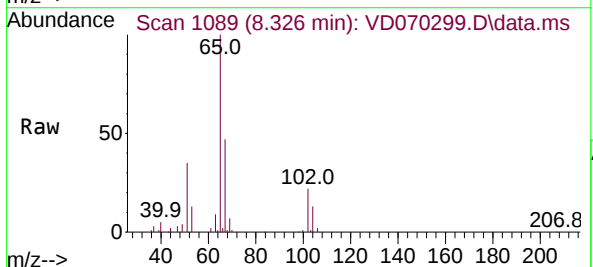
Instrument :
MSVOA_D
ClientSampled :



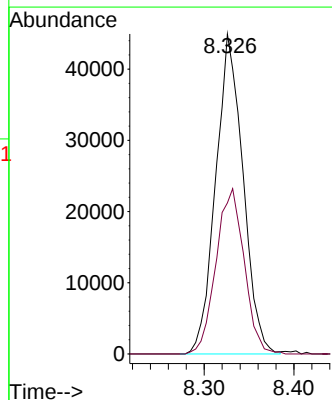
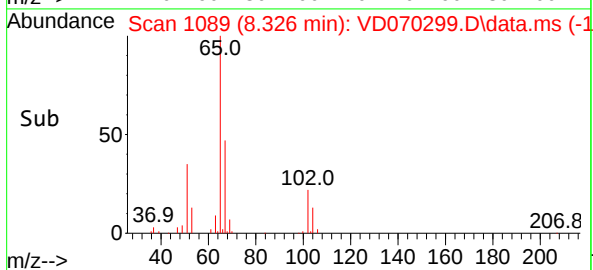
Tgt Ion: 56 Resp: 2199
Ion Ratio Lower Upper
56 100
69 146.1 26.9 40.3#
84 117.4 73.6 110.4#

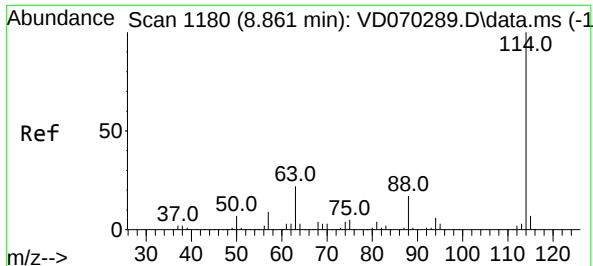


#33
1,2-Dichloroethane-d4
Concen: 86.330 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54



Tgt Ion: 65 Resp: 94851
Ion Ratio Lower Upper
65 100
67 53.3 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: VD070299.D

Acq: 10 Sep 2021 14:54

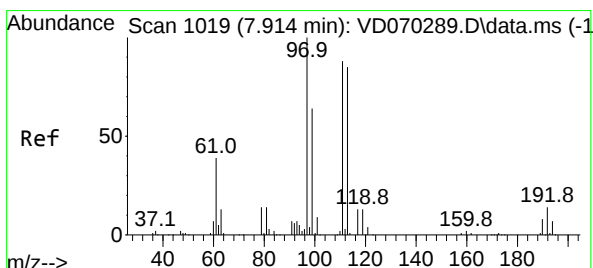
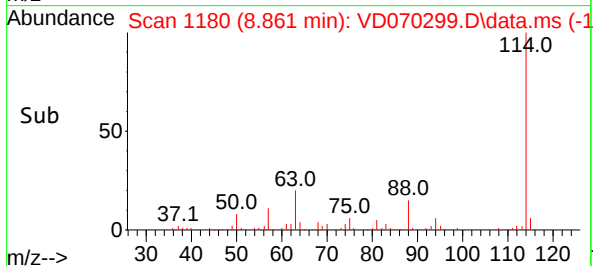
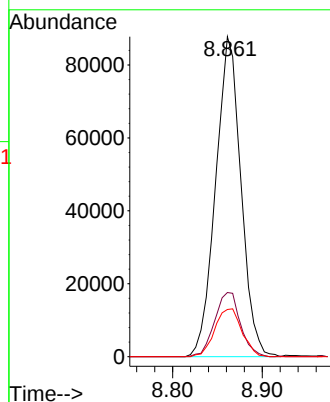
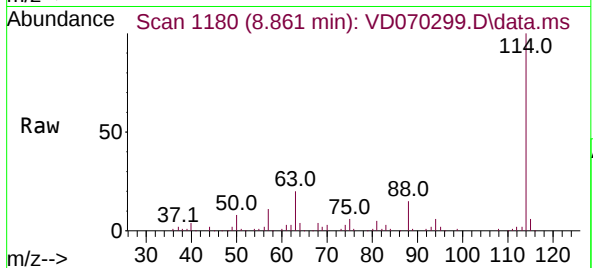
Tgt Ion:114 Resp: 171908

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.4

88 14.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 66.049 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070299.D

Acq: 10 Sep 2021 14:54

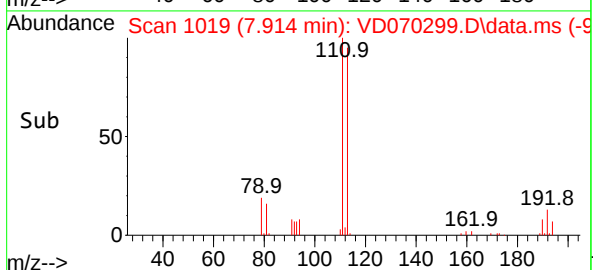
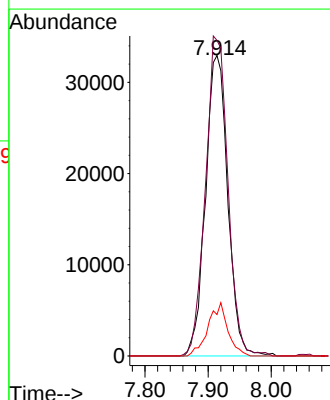
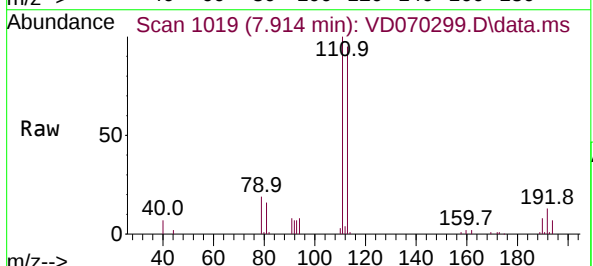
Tgt Ion:113 Resp: 80822

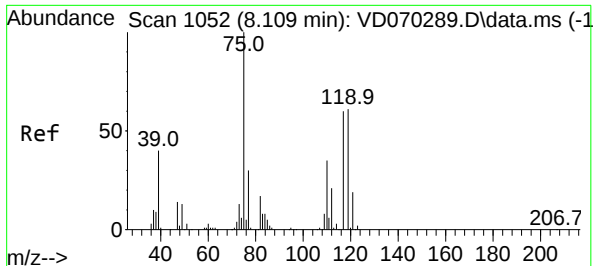
Ion Ratio Lower Upper

113 100

111 107.1 81.4 122.2

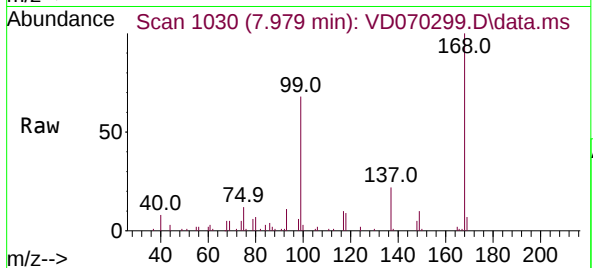
192 15.7 13.0 19.6



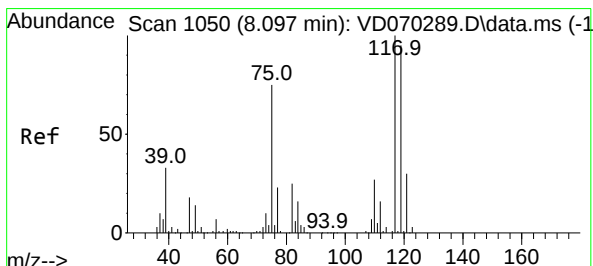
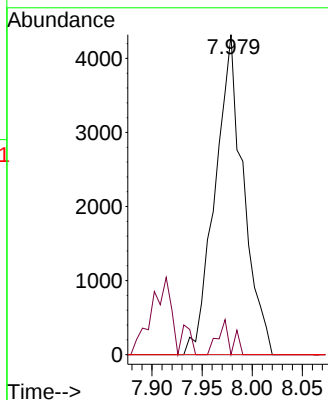
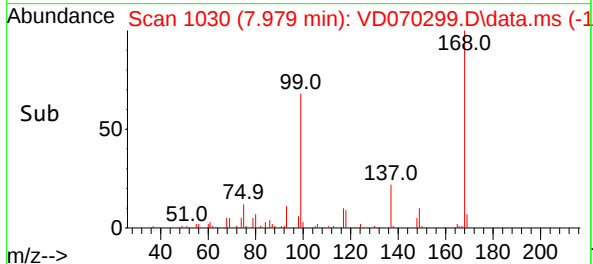


#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

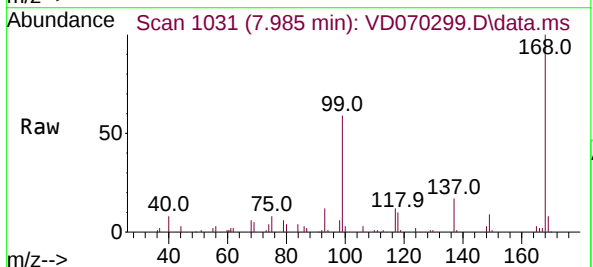
Instrument :
MSVOA_D
ClientSampled :



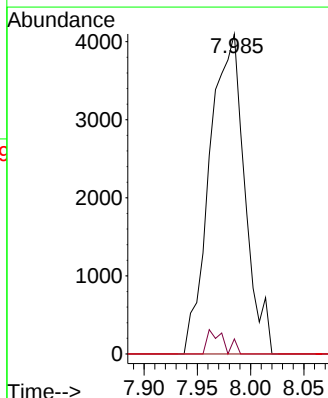
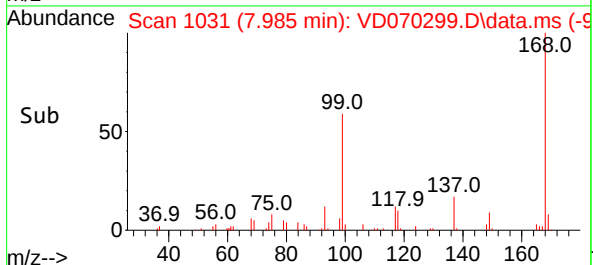
Tgt Ion: 75 Resp: 8499
Ion Ratio Lower Upper
75 100
110 5.1 17.9 53.7#
77 0.0 25.3 37.9#

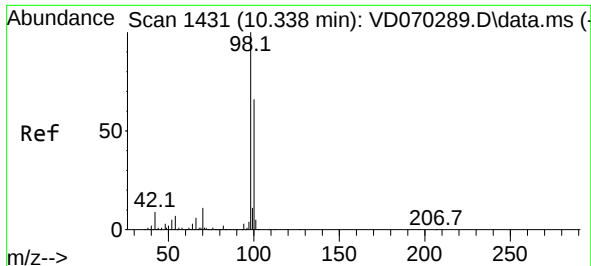


#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54



Tgt Ion: 117 Resp: 9345
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 23.8 35.6#

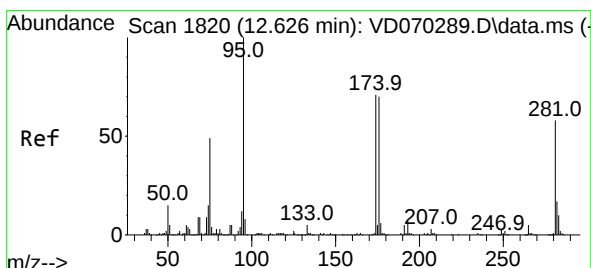
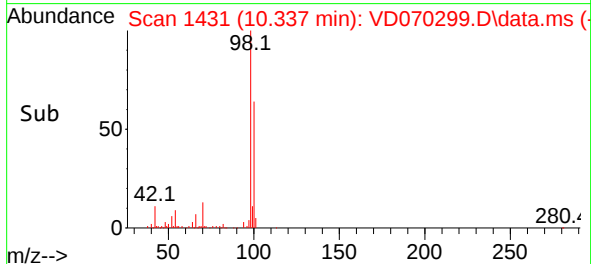
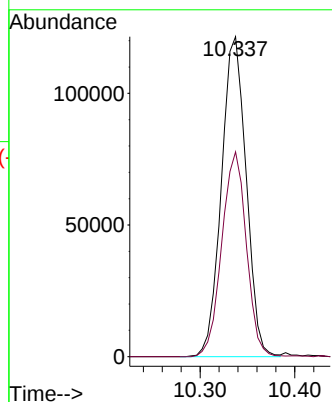
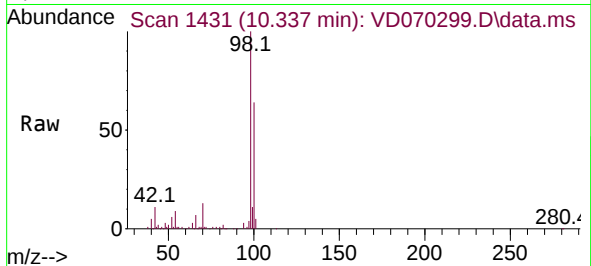




#50
Toluene-d8
Concen: 49.685 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

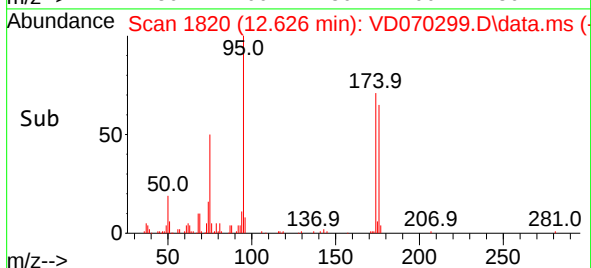
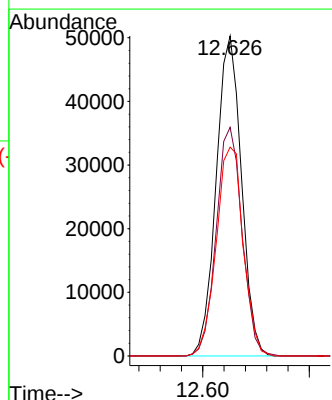
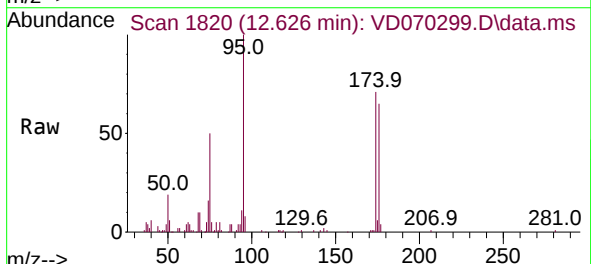
Instrument :
MSVOA_D
ClientSampled :

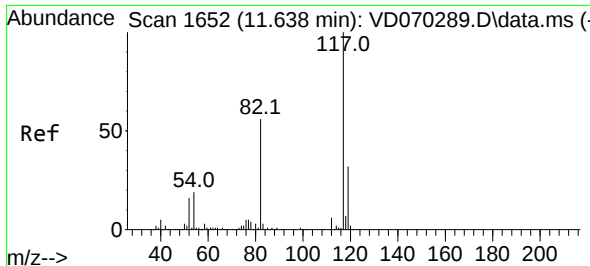
Tgt Ion: 98 Resp: 220744
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.188 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Tgt Ion: 95 Resp: 82585
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.6
176 69.8 0.0 137.4

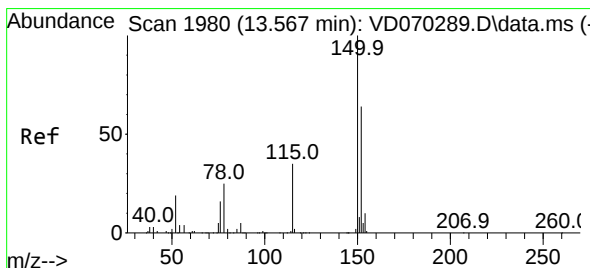
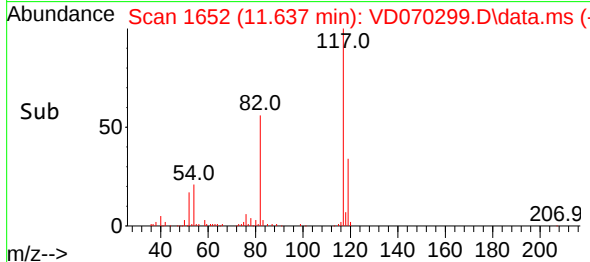
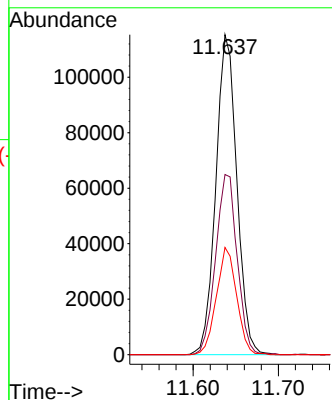
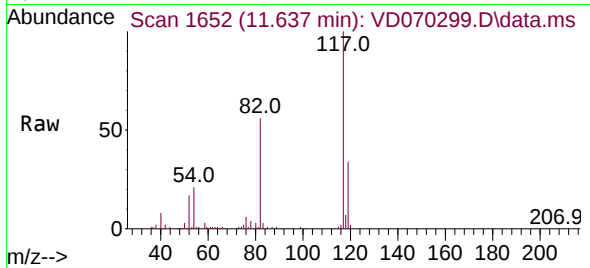




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

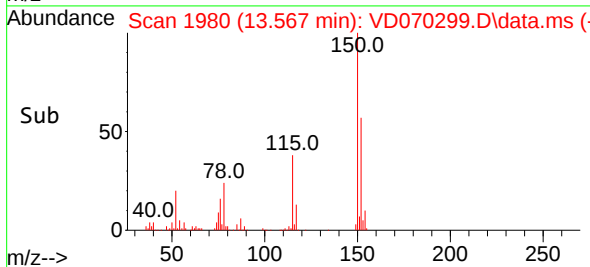
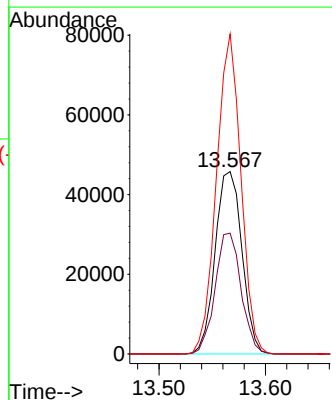
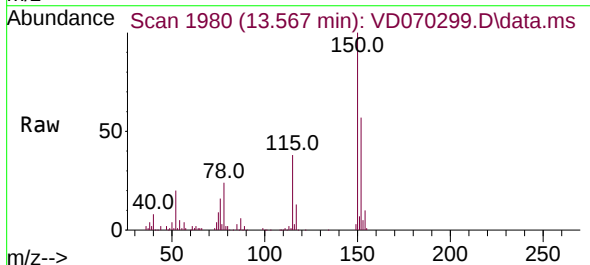
Instrument :
MSVOA_D
ClientSampled :

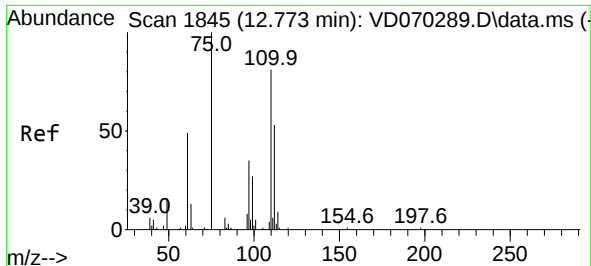
Tgt Ion:	117	Resp:	197507
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.4
119	33.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Tgt Ion:	152	Resp:	79784
Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.1	96.3
150	160.5	0.0	350.6

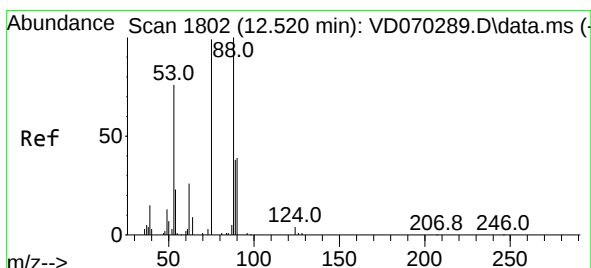
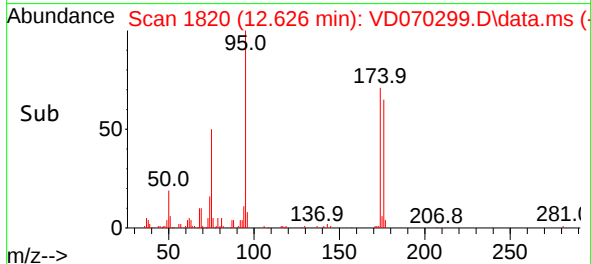
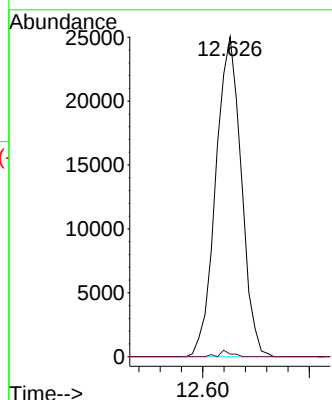
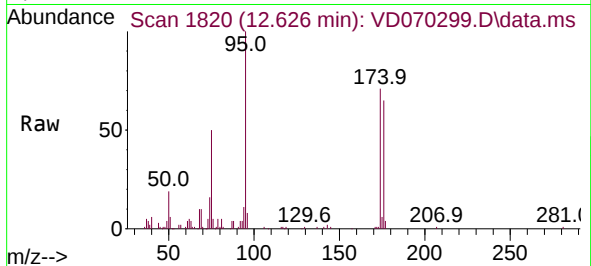




#76
1,2,3-Trichloropropane
Concen: 51.563 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 41613
Ion Ratio Lower Upper
75 100
77 0.9 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.197 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070299.D
Acq: 10 Sep 2021 14:54

Tgt Ion: 75 Resp: 41613
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.1 35.6 53.4#

