

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070323.D
 Acq On : 13 Sep 2021 13:35
 Operator : VA/SY
 Sample : M3685-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 327RE

Quant Time: Sep 14 00:52:43 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)

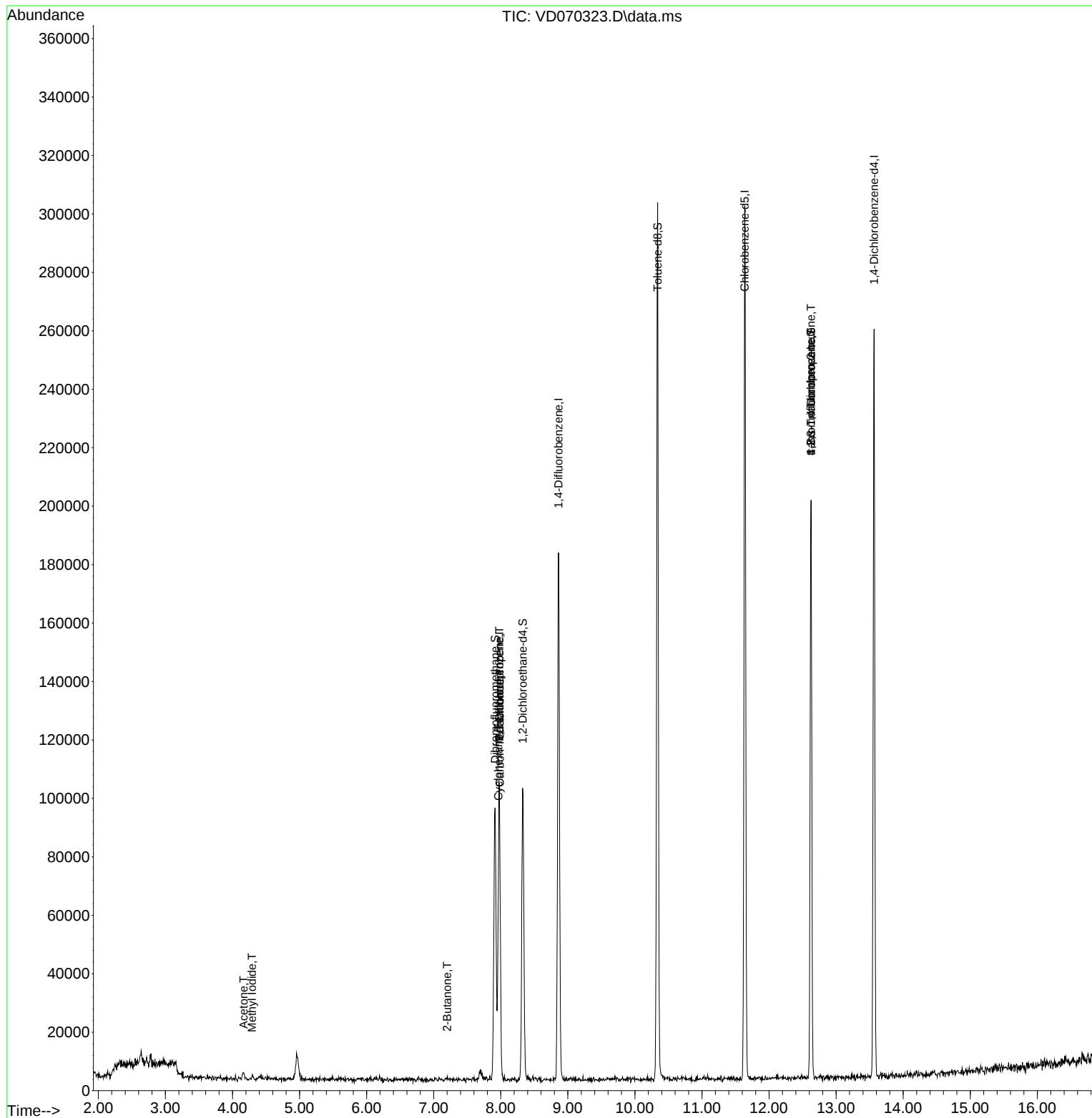
Internal Standards						
1) Pentafluorobenzene	7.979	168	70506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	151825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	174755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	67886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79060	87.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.660%#	
35) Dibromofluoromethane	7.914	113	69983	64.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.520%	
50) Toluene-d8	10.338	98	200616	51.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.626	95	69380	50.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	1022	Below Cal		99
5) Bromomethane	2.773	94	1589	Below Cal		99
6) Chloroethane	2.914	64	67	Below Cal	#	43
10) Methyl Iodide	4.291	142	640	1.747	ug/l #	54
16) Acetone	4.167	43	3487	21.574	ug/l #	85
18) Methyl Acetate	4.703	43	58	Below Cal	#	48
20) Methylene Chloride	4.967	84	6738	Below Cal	#	78
25) 2-Butanone	7.202	43	254	1.181	ug/l #	47
31) Cyclohexane	7.967	56	1801	1.155	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	6694	4.125	ug/l #	47
38) Carbon Tetrachloride	7.985	117	7906	4.926	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	33764	49.170	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	33764	123.201	ug/l #	17

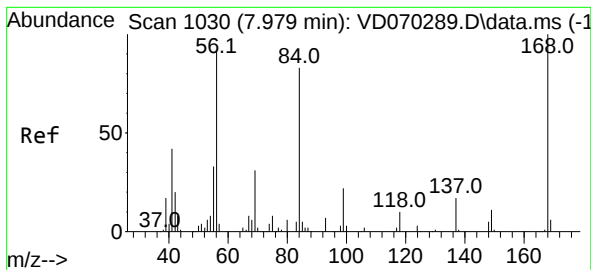
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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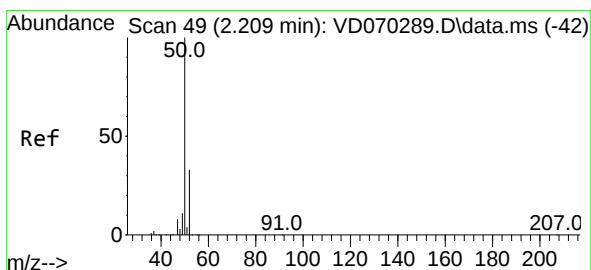
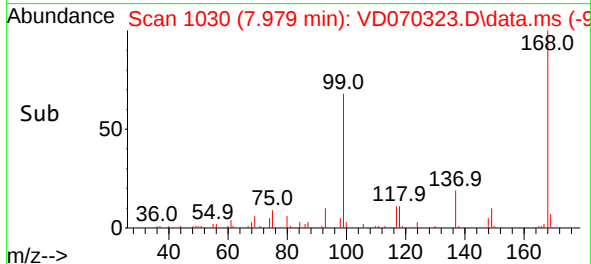
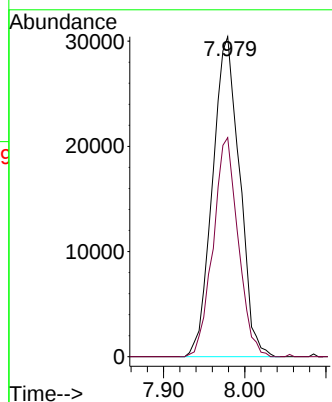
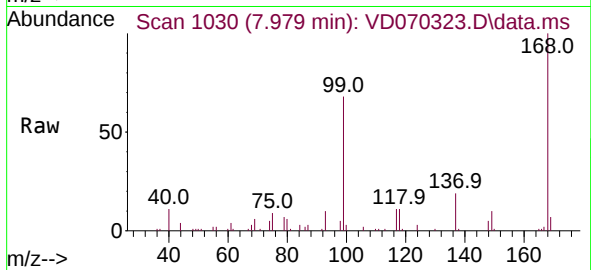




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

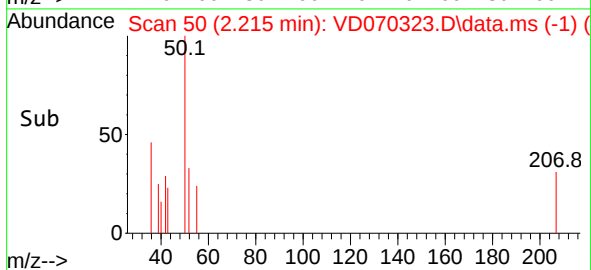
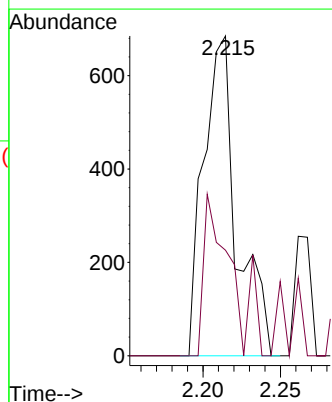
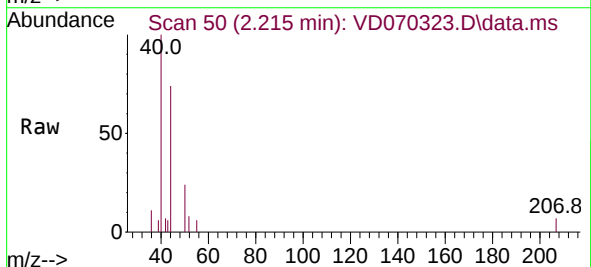
Instrument :
MSVOA_D
ClientSampleId :
327RE

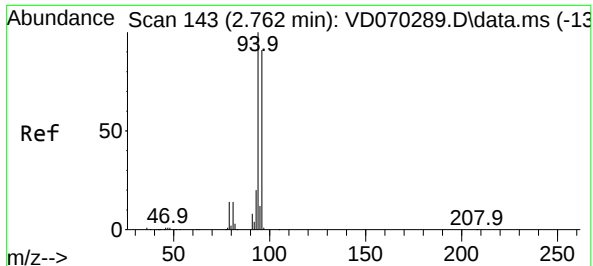
Tgt Ion:168 Resp: 70506
Ion Ratio Lower Upper
168 100
99 68.5 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 50 Resp: 1022
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

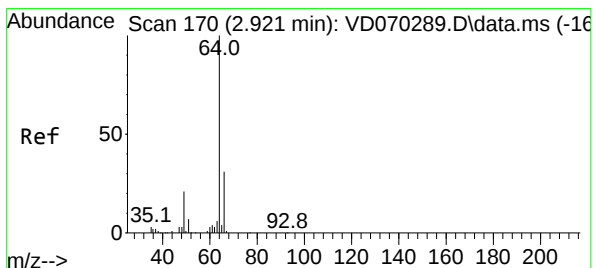
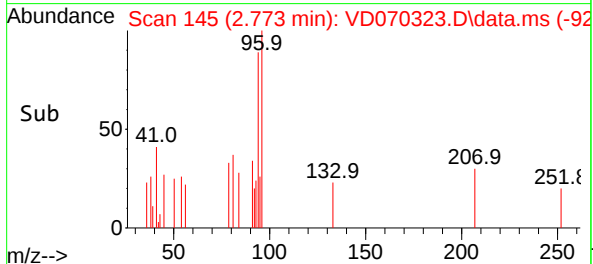
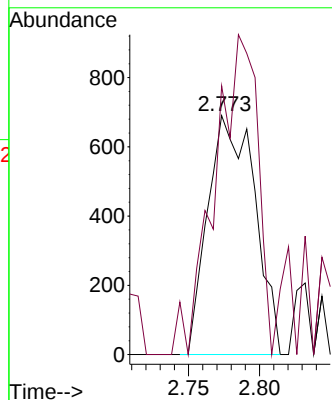
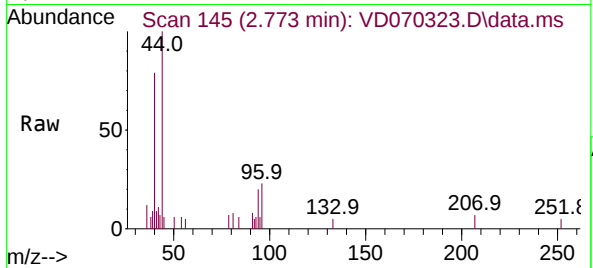




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

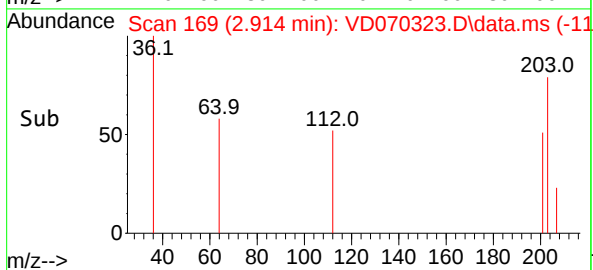
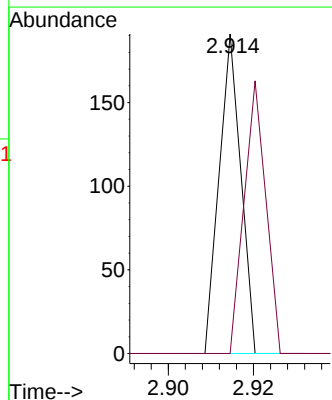
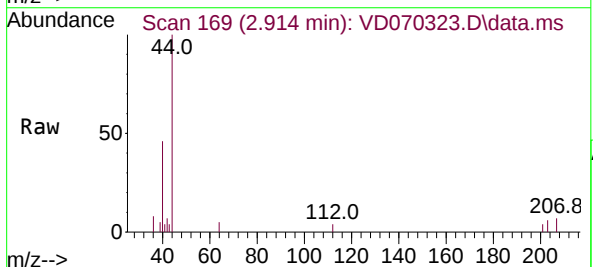
Instrument :
MSVOA_D
ClientSampled :
327RE

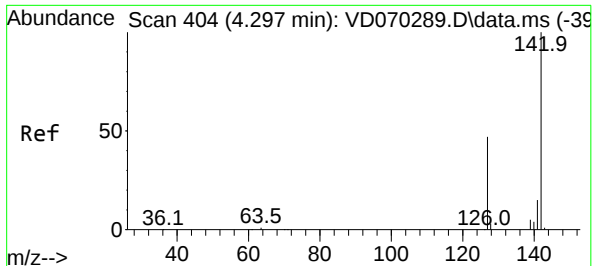
Tgt Ion: 94 Resp: 1589
Ion Ratio Lower Upper
94 100
96 90.4 73.0 109.6



#6
Chloroethane
Concen: Below Cal
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

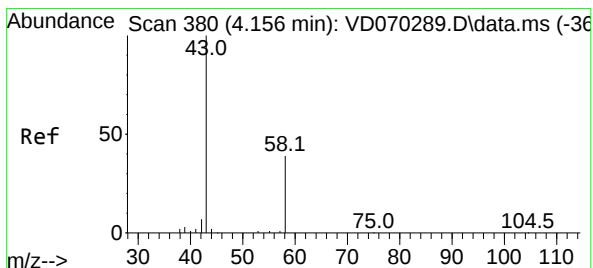
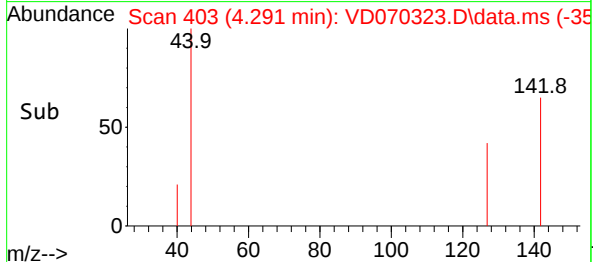
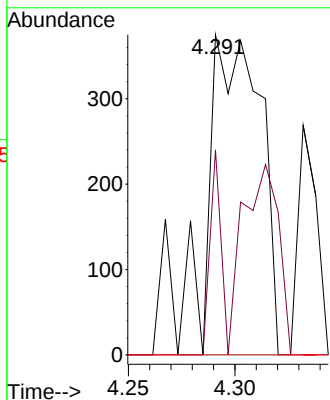
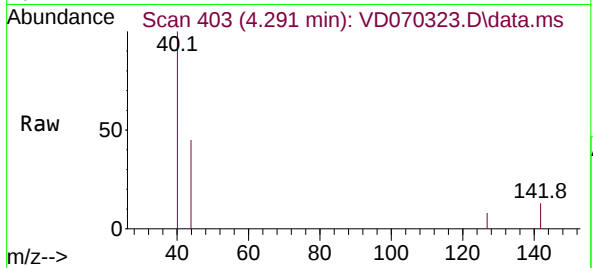




#10
Methyl Iodide
Concen: 1.747 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

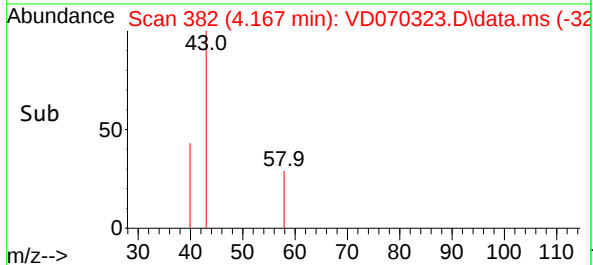
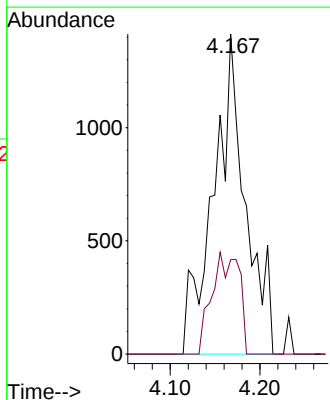
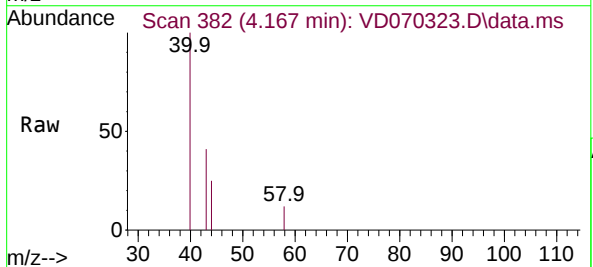
Instrument :
MSVOA_D
ClientSampled :
327RE

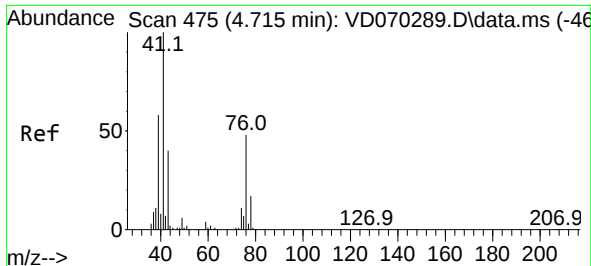
Tgt Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
127 13.3 36.9 55.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 21.574 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
58 29.5 30.9 46.3#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.703 min Scan# 473

Delta R.T. -0.012 min

Lab File: VD070323.D

Acq: 13 Sep 2021 13:35

Instrument :

MSVOA_D

ClientSampleId :

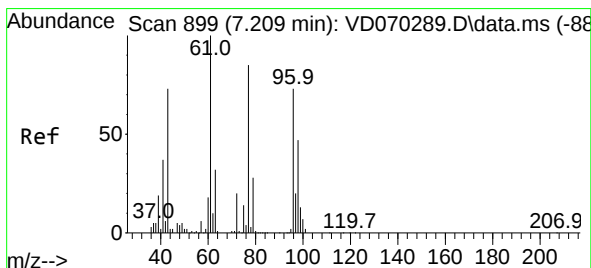
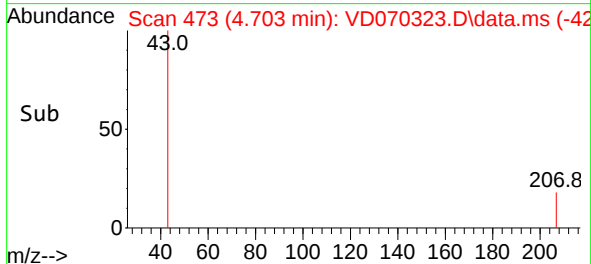
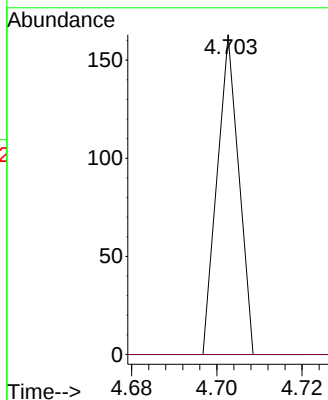
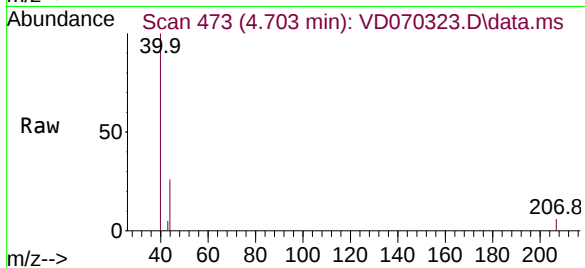
327RE

Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#25

2-Butanone

Concen: 1.181 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070323.D

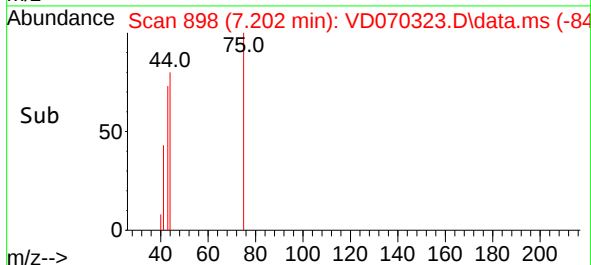
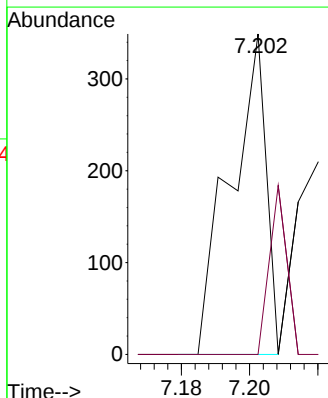
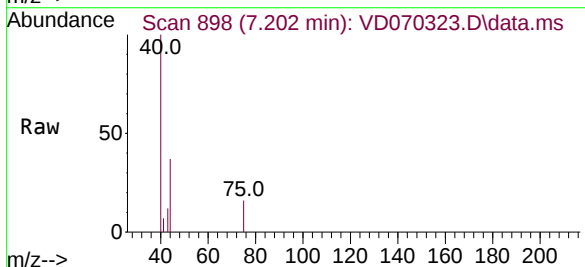
Acq: 13 Sep 2021 13:35

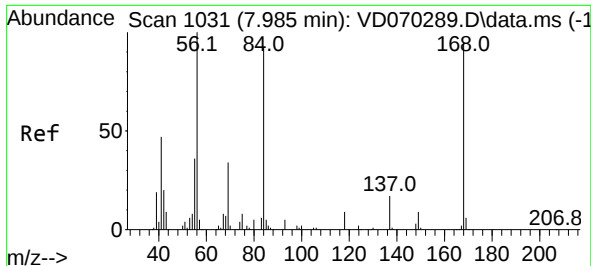
Tgt Ion: 43 Resp: 254

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.4#





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.018 min

Lab File: VD070323.D

Acq: 13 Sep 2021 13:35

Instrument :

MSVOA_D

ClientSampled :

327RE

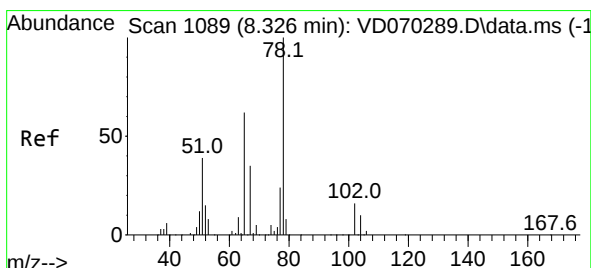
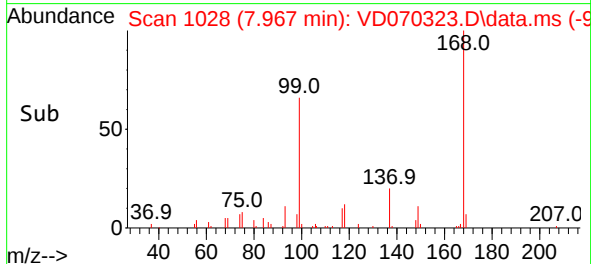
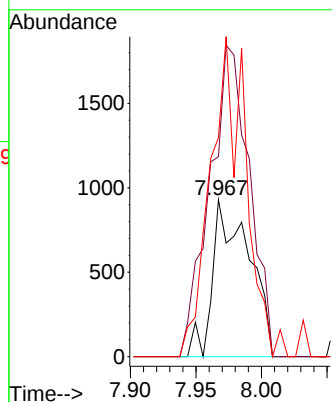
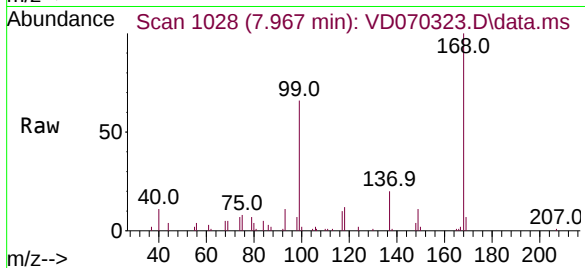
Tgt Ion: 56 Resp: 1801

Ion Ratio Lower Upper

56 100

69 127.4 26.9 40.3#

84 139.6 73.6 110.4#



#33

1,2-Dichloroethane-d4

Concen: 87.329 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070323.D

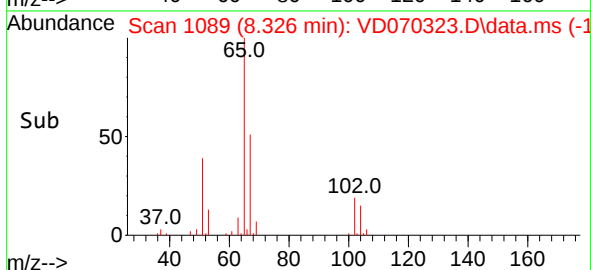
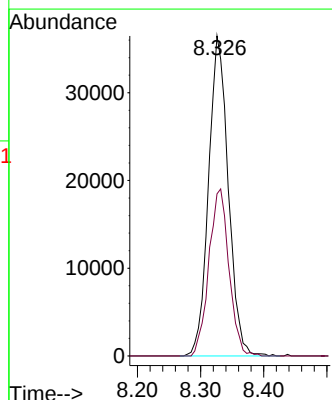
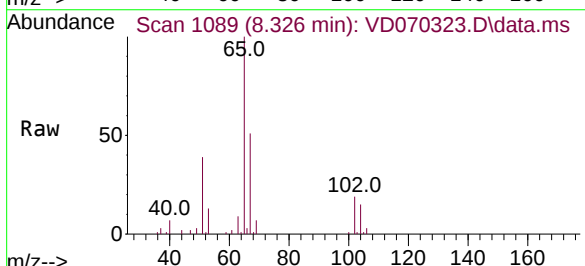
Acq: 13 Sep 2021 13:35

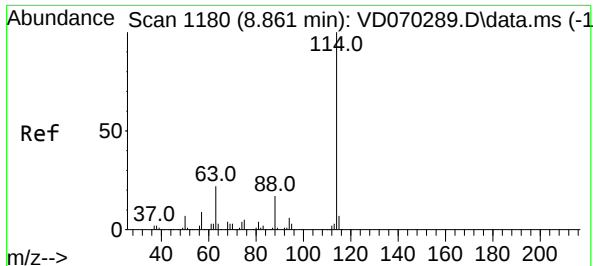
Tgt Ion: 65 Resp: 79060

Ion Ratio Lower Upper

65 100

67 53.2 0.0 111.4



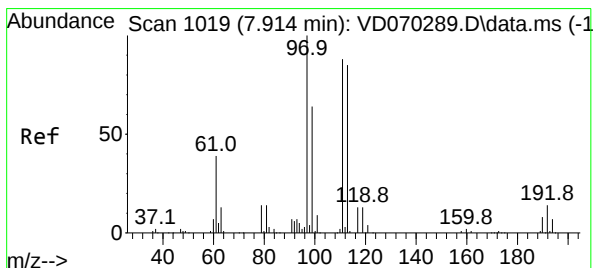
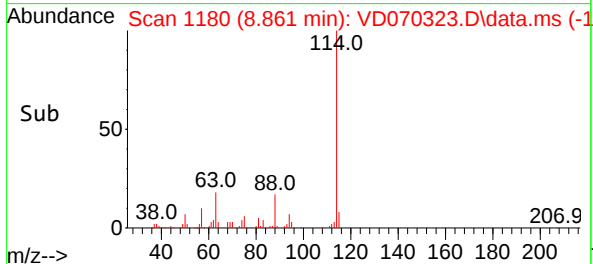
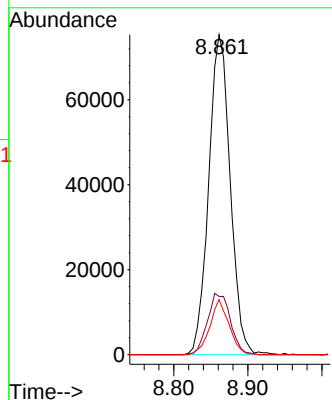
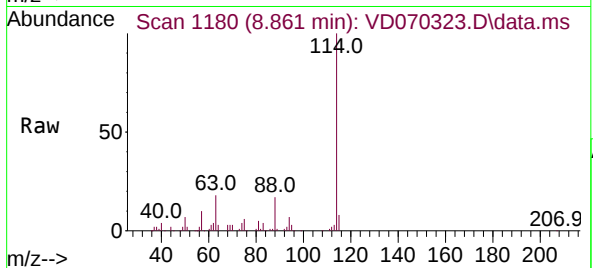


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Instrument :
MSVOA_D
ClientSampleId :
327RE

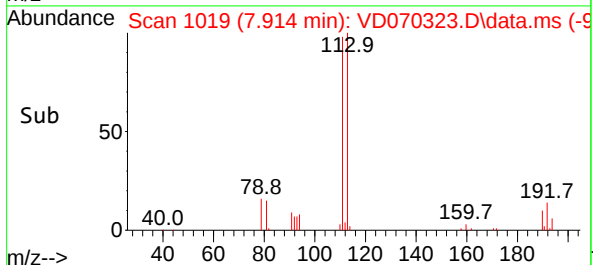
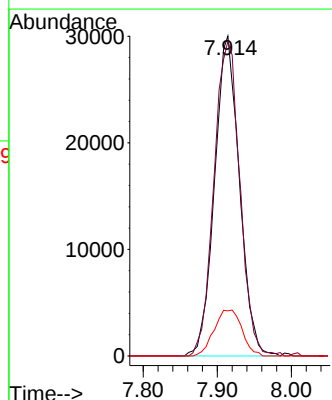
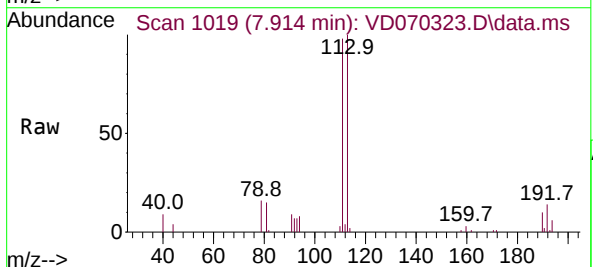
Tgt Ion:	114	Resp:	151825
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	43.4
88	17.2	0.0	33.4

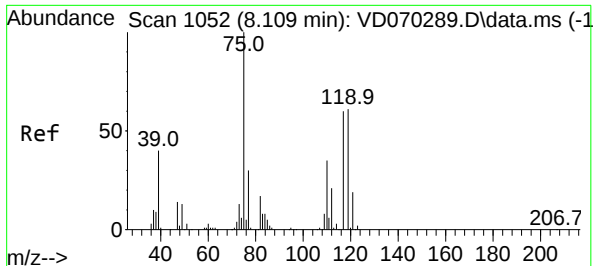


#35

Dibromofluoromethane
Concen: 64.757 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

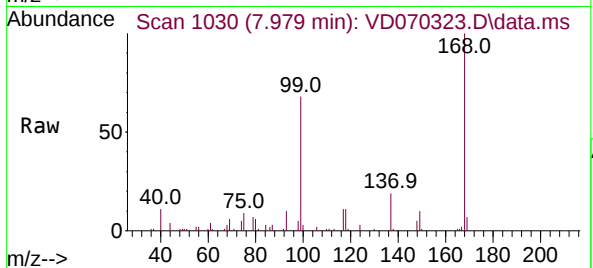
Tgt Ion:	113	Resp:	69983
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.2
192	16.1	13.0	19.6



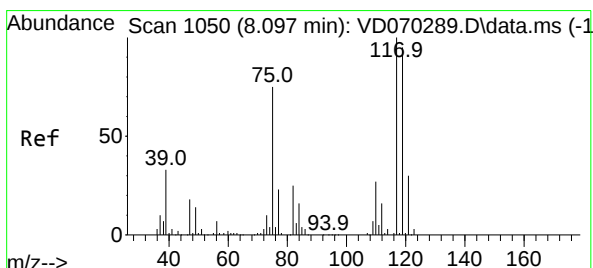
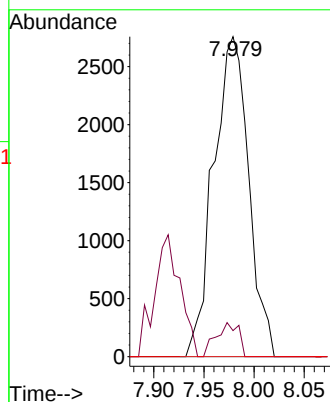
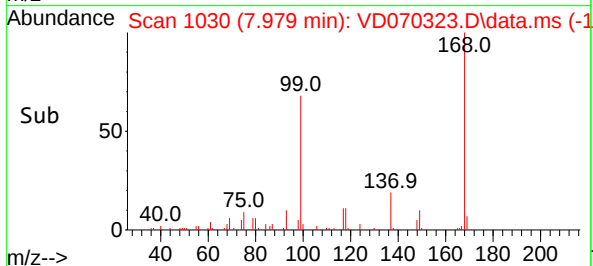


#36
1,1-Dichloropropene
Concen: 4.125 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

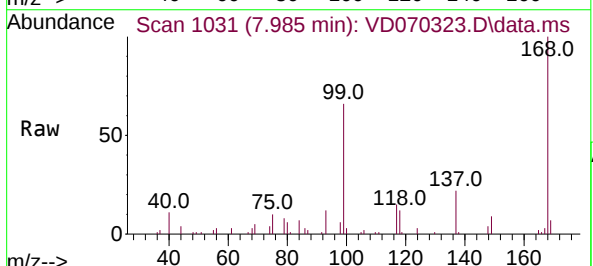
Instrument :
MSVOA_D
ClientSampled :
327RE



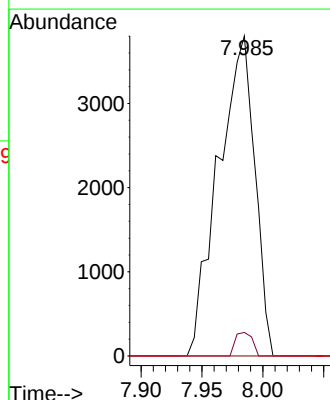
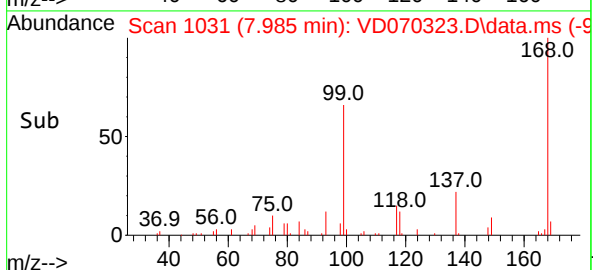
Tgt Ion: 75 Resp: 6694
Ion Ratio Lower Upper
75 100
110 6.8 17.9 53.7#
77 0.0 25.3 37.9#

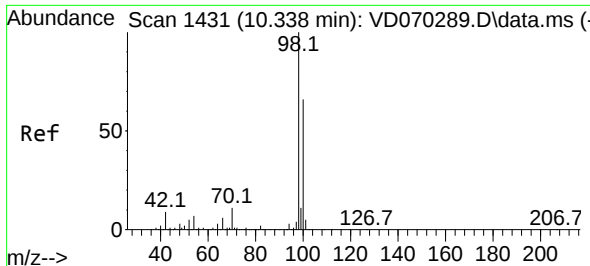


#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35



Tgt Ion: 117 Resp: 7906
Ion Ratio Lower Upper
117 100
119 7.3 76.1 114.1#
121 0.0 23.8 35.6#

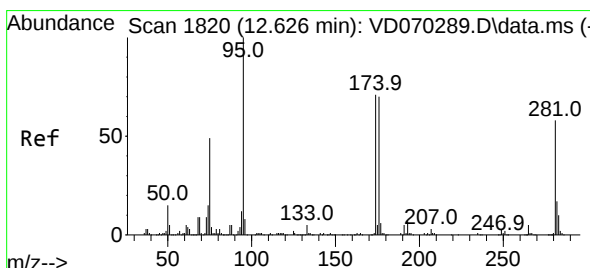
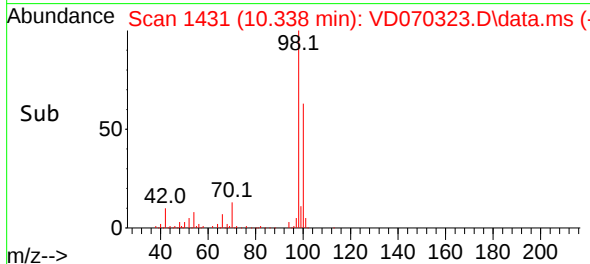
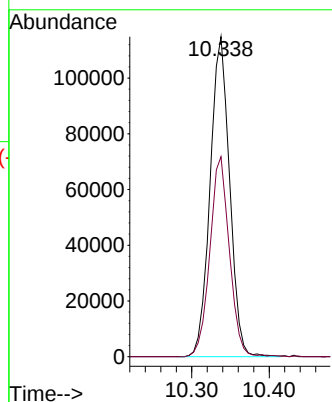
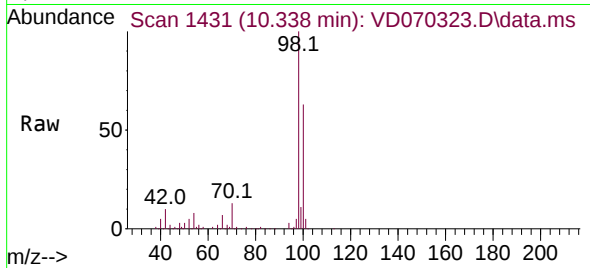




#50
Toluene-d8
Concen: 51.128 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

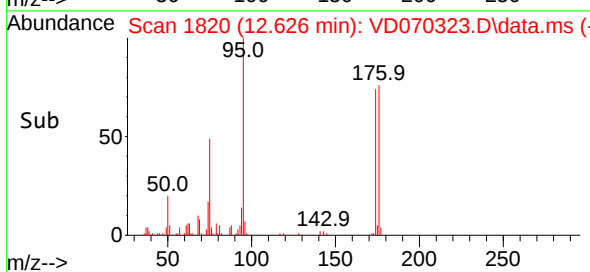
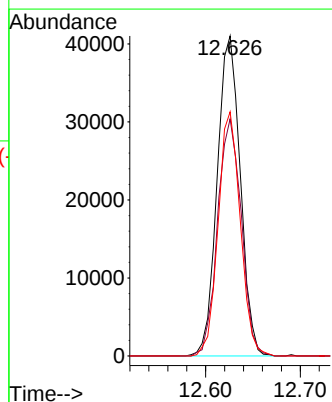
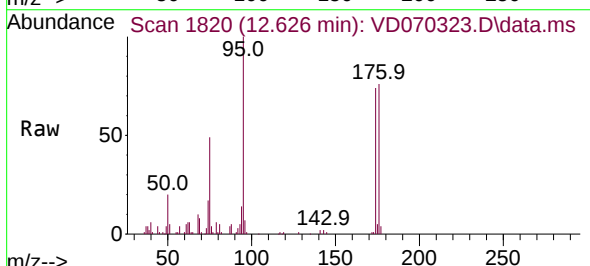
Instrument :
MSVOA_D
ClientSampleId :
327RE

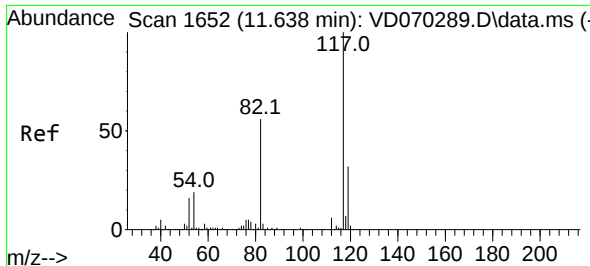
Tgt Ion: 98 Resp: 200616
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 95 Resp: 69380
Ion Ratio Lower Upper
95 100
174 76.2 0.0 140.6
176 73.3 0.0 137.4

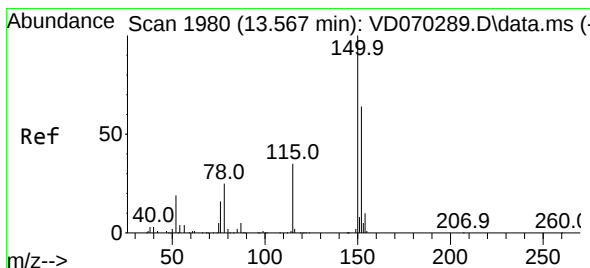
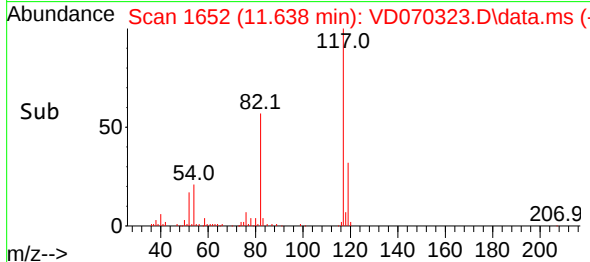
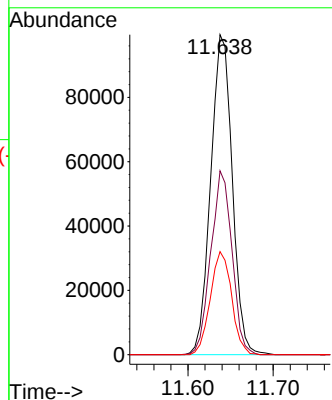
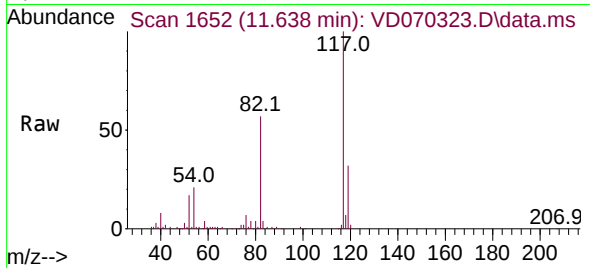




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

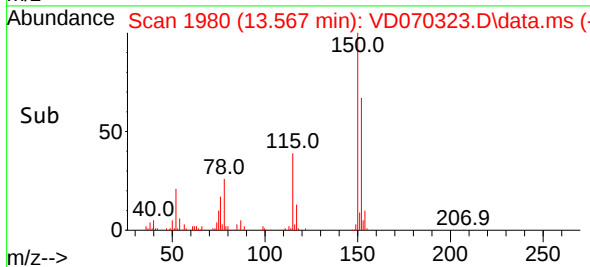
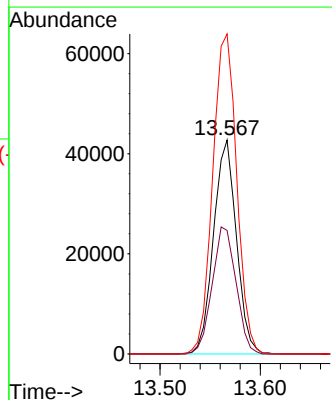
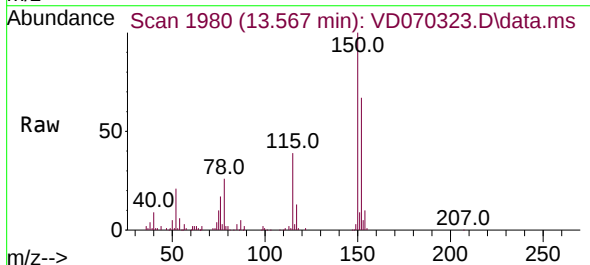
Instrument :
MSVOA_D
ClientSampleId :
327RE

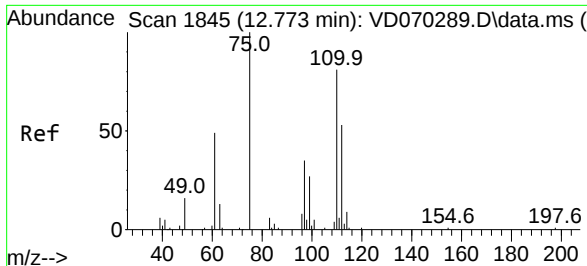
Tgt Ion:	117	Resp:	174755
Ion Ratio	Lower	Upper	
117	100		
82	57.5	45.0	67.4
119	32.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion:	152	Resp:	67886
Ion Ratio	Lower	Upper	
152	100		
115	62.0	32.1	96.3
150	156.4	0.0	350.6

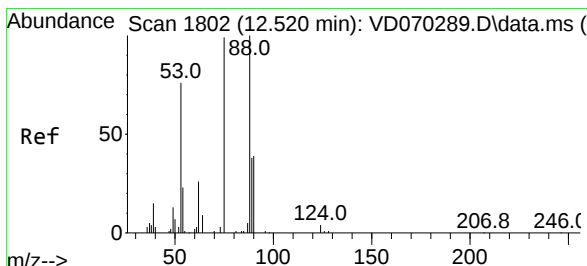
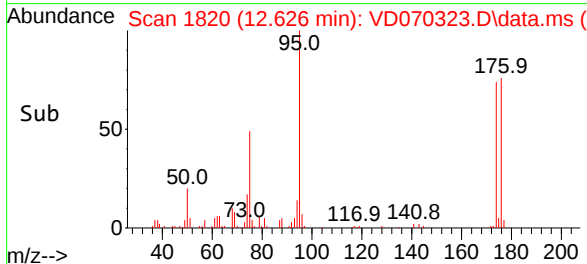
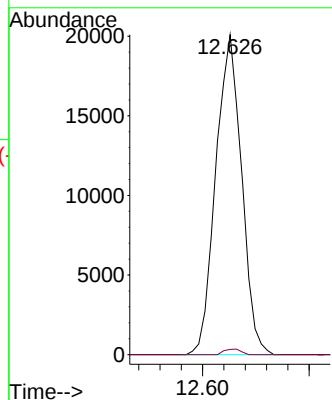
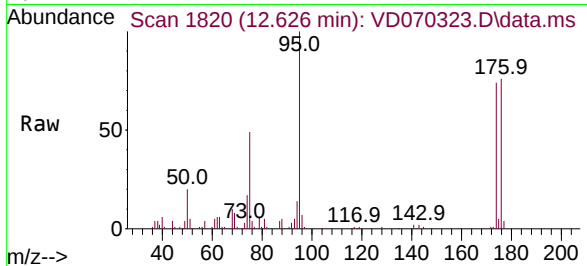




#76
1,2,3-Trichloropropane
Concen: 49.170 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Instrument :
MSVOA_D
ClientSampleId :
327RE

Tgt Ion: 75 Resp: 33764
Ion Ratio Lower Upper
75 100
77 1.1 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.201 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070323.D
Acq: 13 Sep 2021 13:35

Tgt Ion: 75 Resp: 33764
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#

