

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068290.D
 Acq On : 04 Feb 2021 21:24
 Operator : VA/SY
 Sample : M1315-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Feb 05 00:08:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

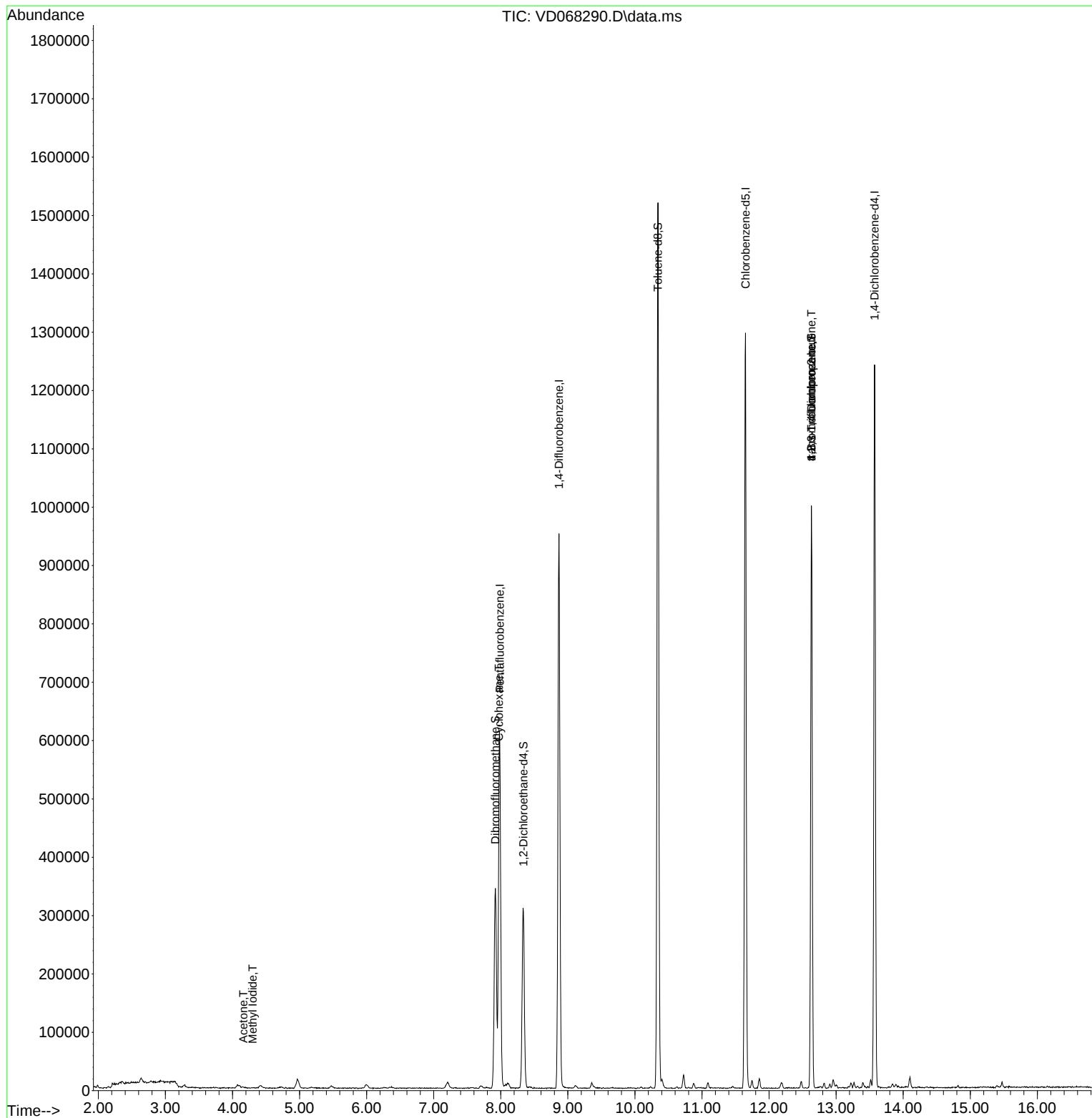
Internal Standards						
1) Pentafluorobenzene	7.985	168	459770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	855759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	767638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	338762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	249420	56.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.42%
35) Dibromofluoromethane	7.920	113	251151	53.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.16%
50) Toluene-d8	10.343	98	1064760	56.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.52%
62) 4-Bromofluorobenzene	12.632	95	335937	49.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.58%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	947	3.32	ug/l #	73
11) Tert butyl alcohol	5.220	59	418	Below Cal	#	74
16) Acetone	4.161	43	2017	2.57	ug/l #	86
20) Methylene Chloride	4.973	84	11861	Below Cal		94
31) Cyclohexane	7.973	56	13341	1.40	ug/l #	50
76) 1,2,3-Trichloropropane	12.632	75	172918	52.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	172918	106.83	ug/l #	13

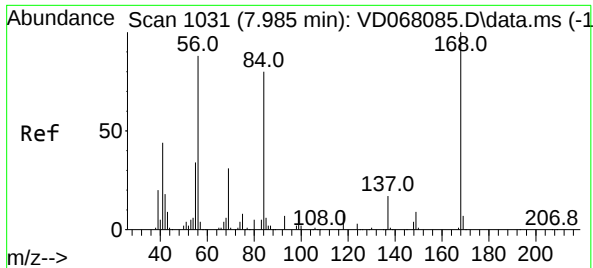
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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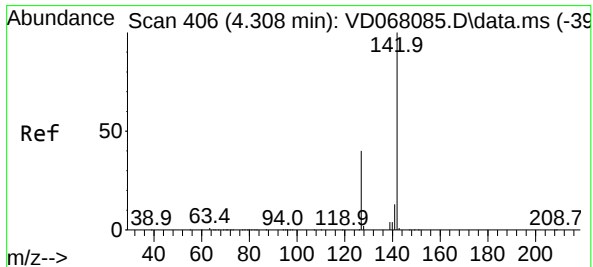
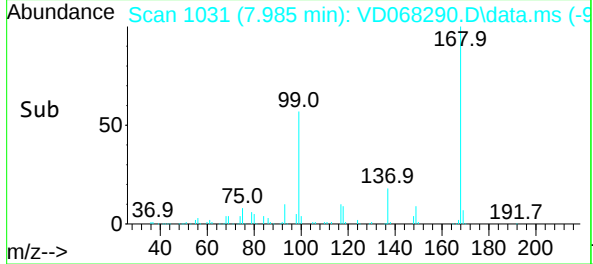
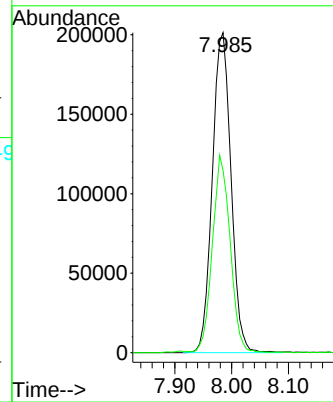
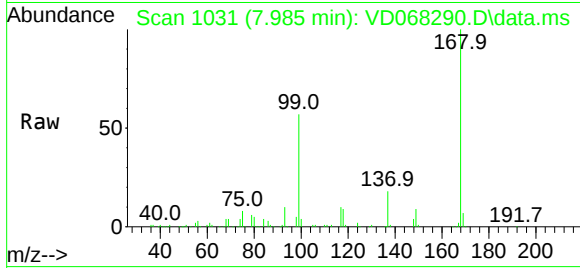




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

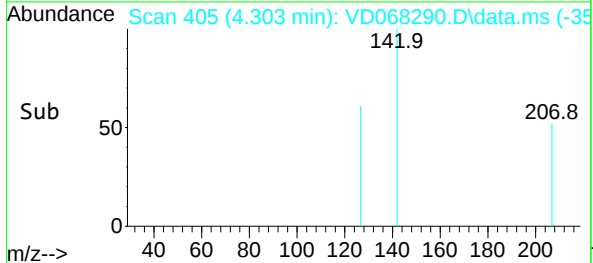
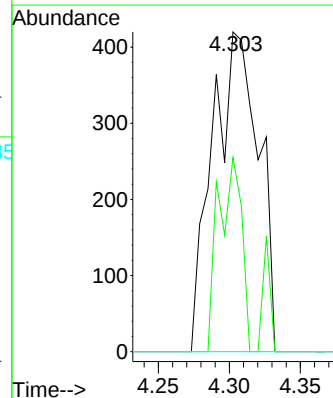
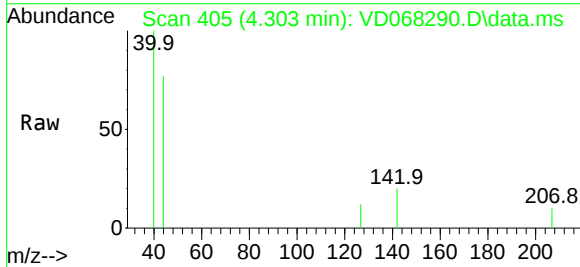
Instrument :
MSVOA_D
ClientSampled :
SP-1A

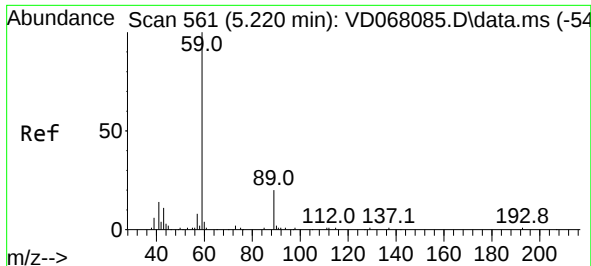
Tgt Ion:168 Resp: 459770
Ion Ratio Lower Upper
168 100
99 56.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion:142 Resp: 947
Ion Ratio Lower Upper
142 100
127 30.6 37.9 56.9#
141 0.0 11.5 17.3#

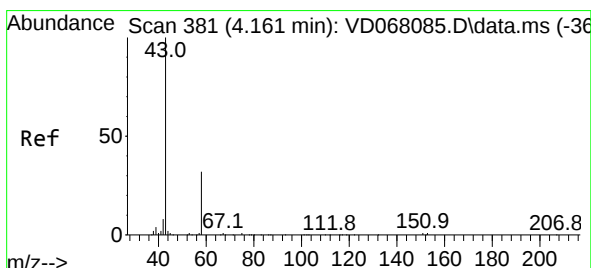
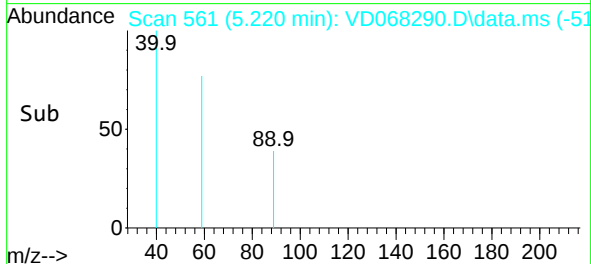
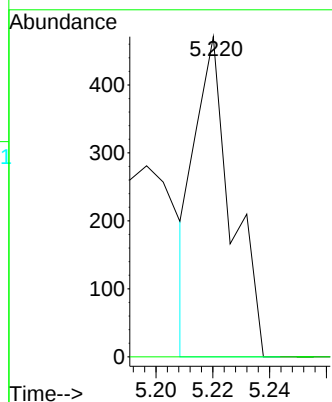
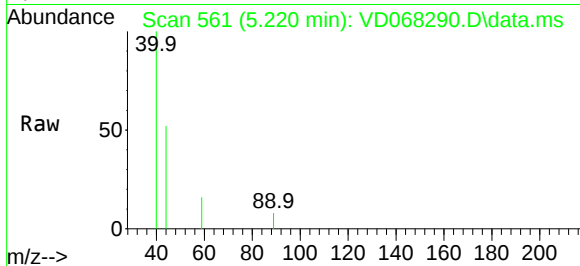




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

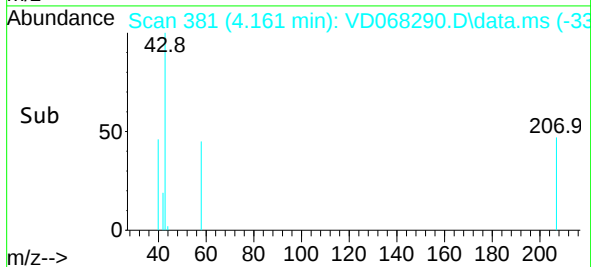
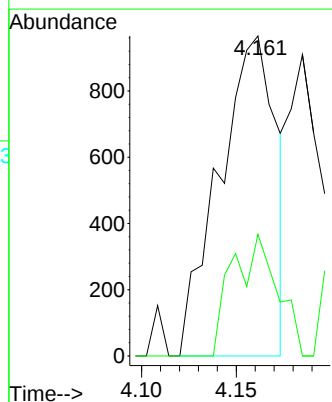
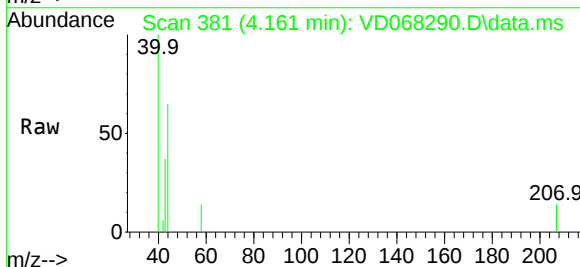
Instrument :
MSVOA_D
ClientSampled :
SP-1A

Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.57 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
58 38.0 24.2 36.4#

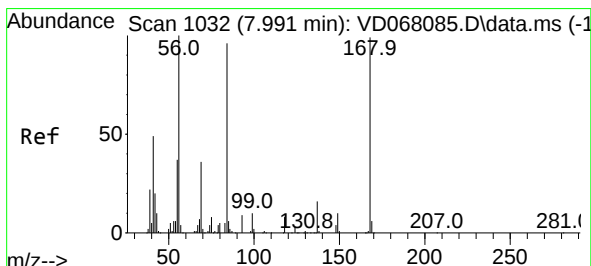
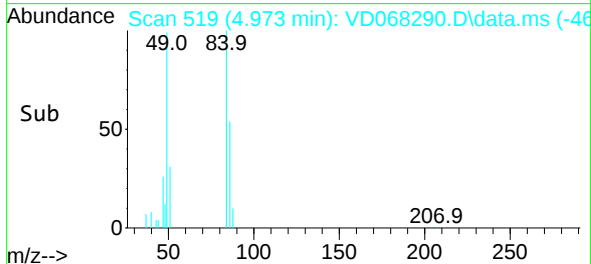
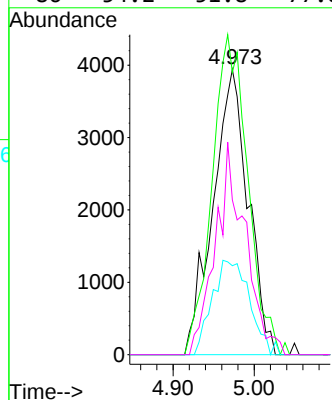
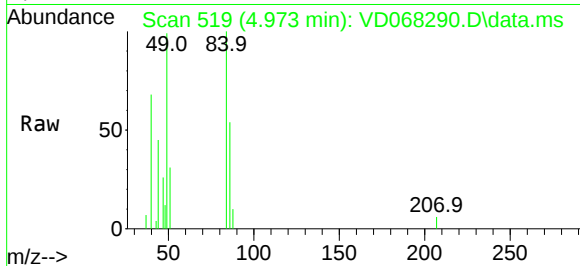




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

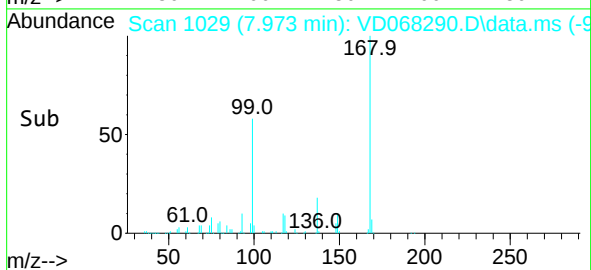
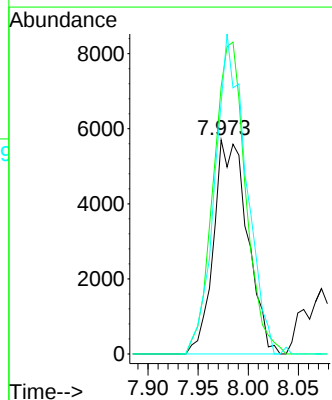
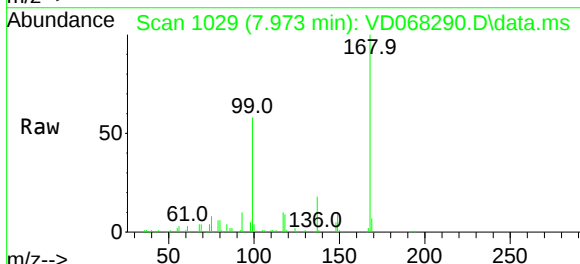
Instrument :
MSVOA_D
ClientSampled :
SP-1A

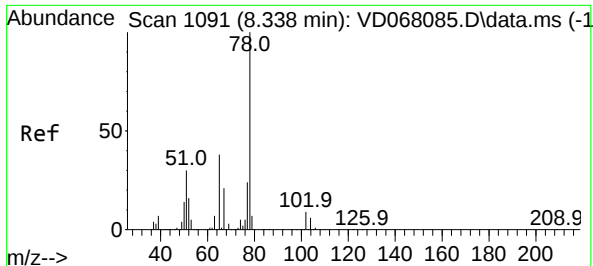
Tgt Ion:	84	Resp:	11861
Ion	Ratio	Lower	Upper
84	100		
49	98.9	77.4	116.2
51	31.2	26.1	39.1
86	54.2	51.8	77.8



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion:	56	Resp:	13341
Ion	Ratio	Lower	Upper
56	100		
69	124.9	30.1	45.1#
84	117.6	82.1	123.1

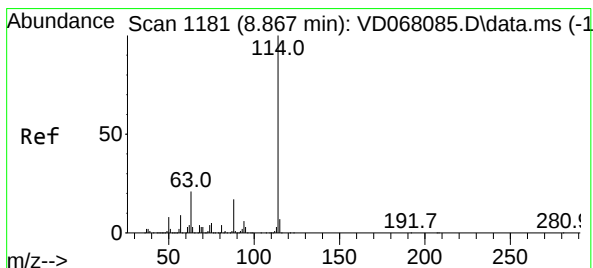
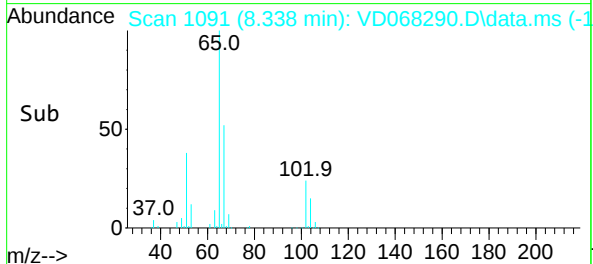
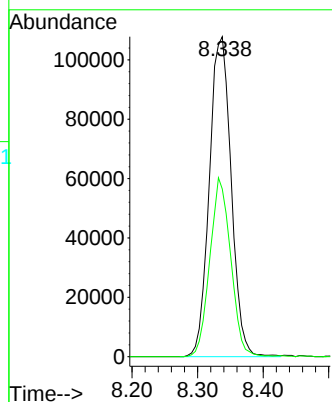
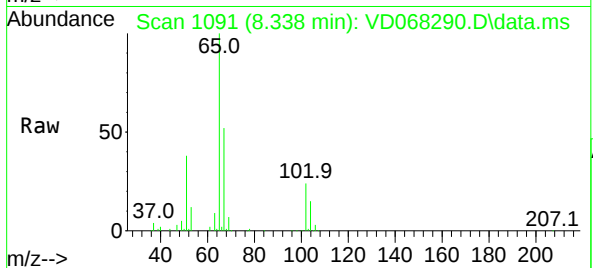




#33
1,2-Dichloroethane-d4
Concen: 56.71 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

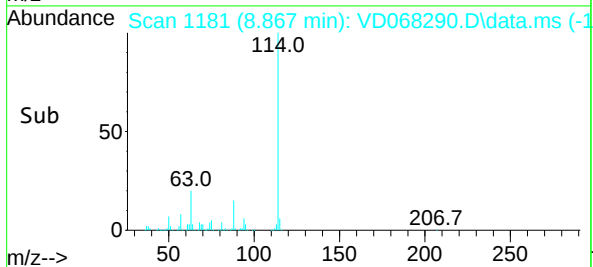
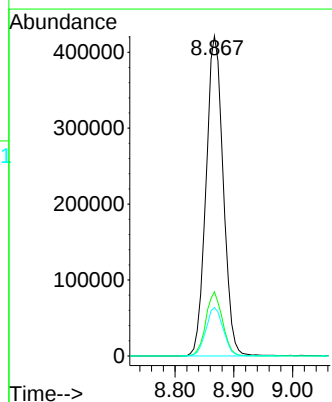
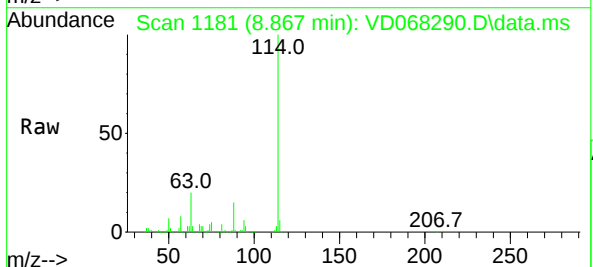
Instrument :
MSVOA_D
ClientSampled :
SP-1A

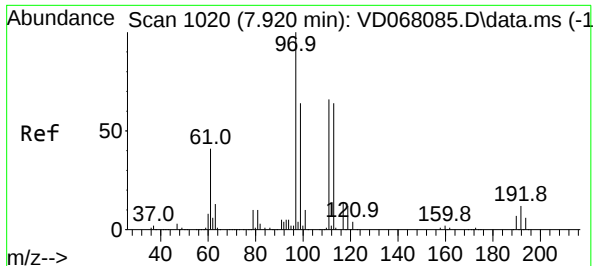
Tgt Ion: 65 Resp: 249420
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion: 114 Resp: 855759
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.08 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068290.D

Acq: 04 Feb 2021 21:24

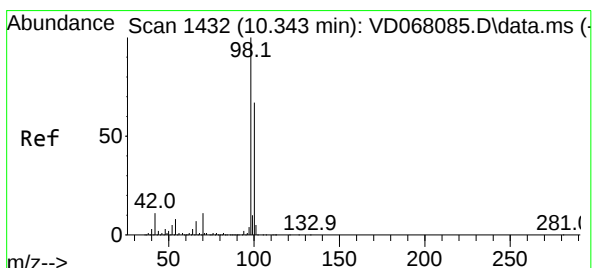
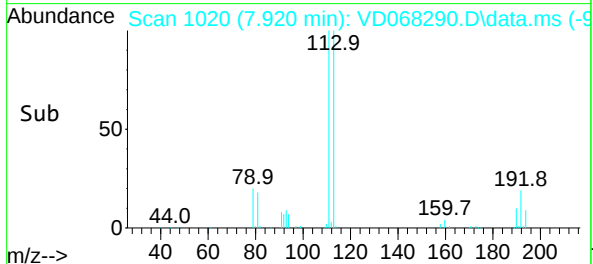
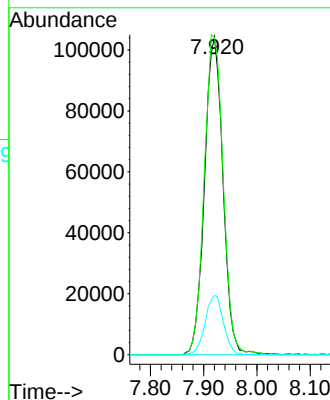
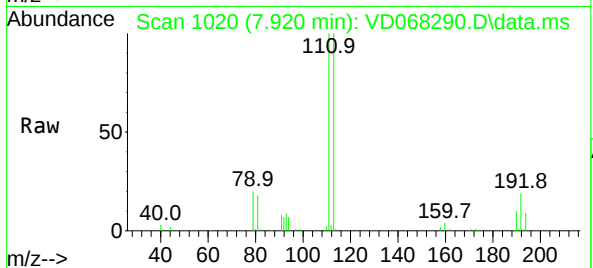
Instrument :

MSVOA_D

ClientSampleId :

SP-1A

Tgt Ion:	113	Resp:	251151
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	18.5	16.1	24.1



#50

Toluene-d8

Concen: 56.26 ug/l

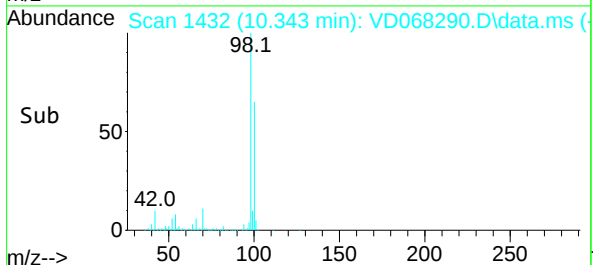
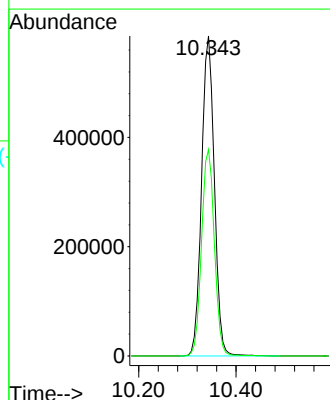
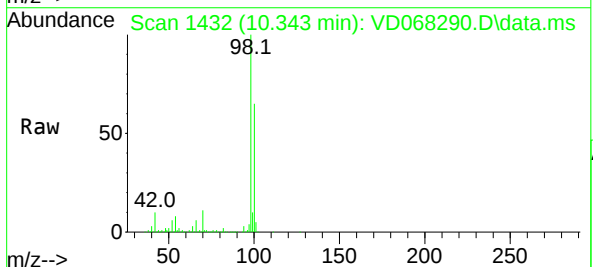
RT: 10.343 min Scan# 1432

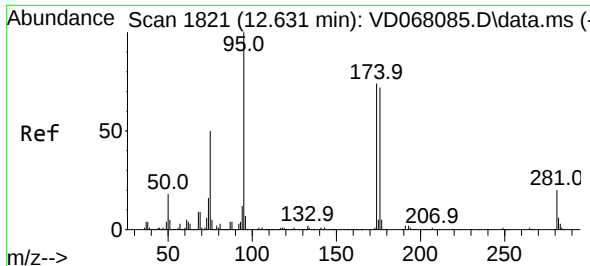
Delta R.T. 0.000 min

Lab File: VD068290.D

Acq: 04 Feb 2021 21:24

Tgt Ion:	98	Resp:	1064760
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.4

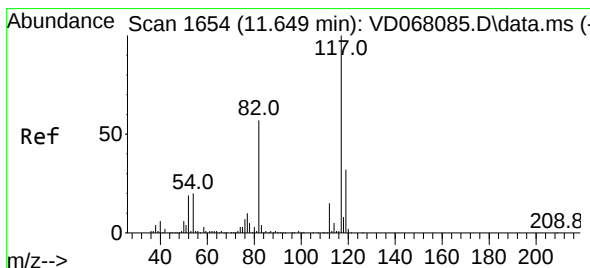
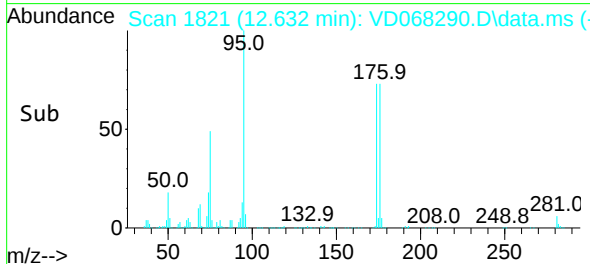
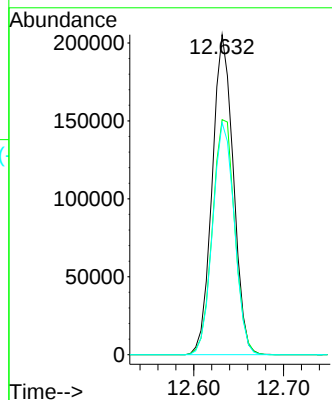
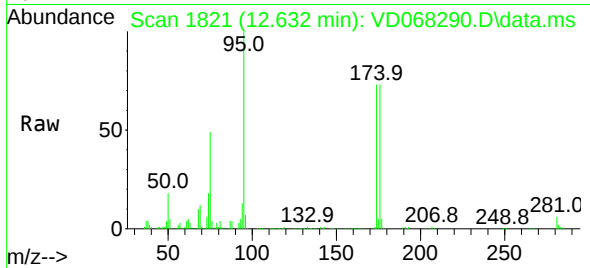




#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

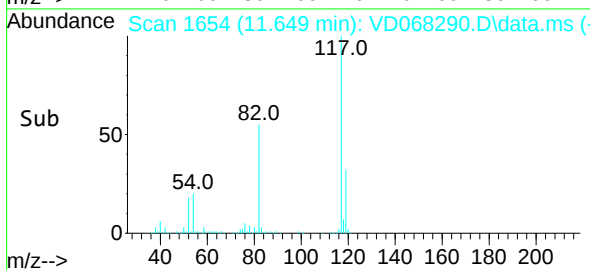
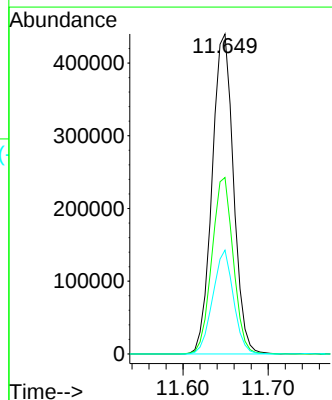
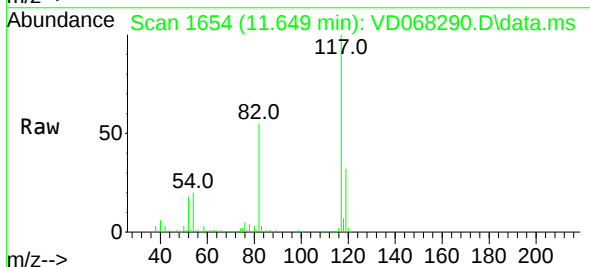
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

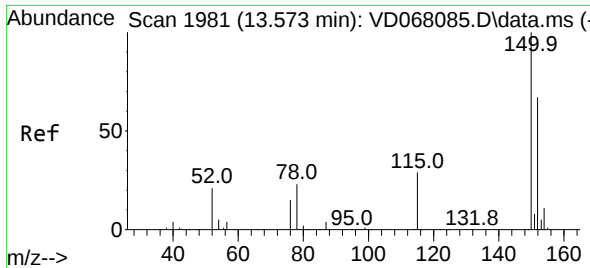
Tgt Ion: 95 Resp: 335937
Ion Ratio Lower Upper
95 100
174 77.2 0.0 172.4
176 74.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068290.D
Acq: 04 Feb 2021 21:24

Tgt Ion: 117 Resp: 767638
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 32.4 26.1 39.1

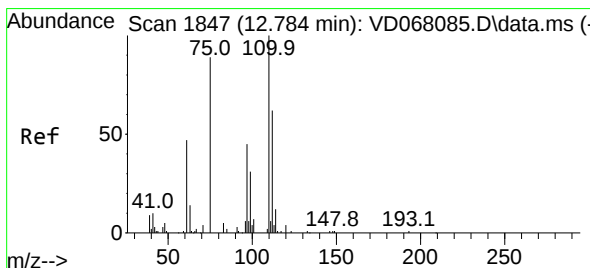
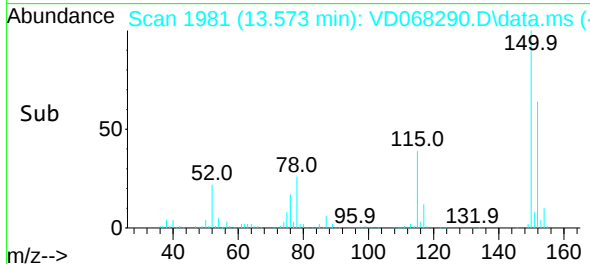
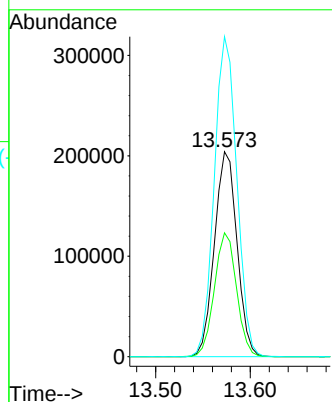
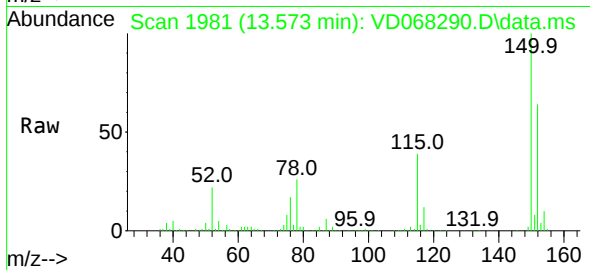




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068290.D
 Acq: 04 Feb 2021 21:24

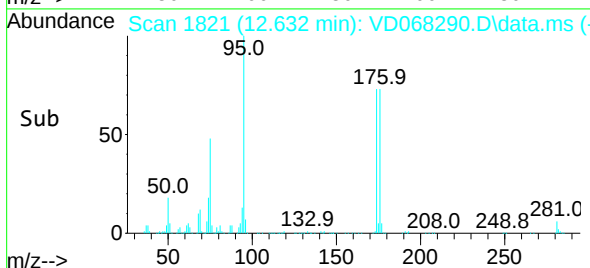
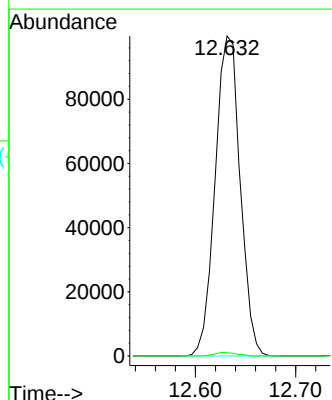
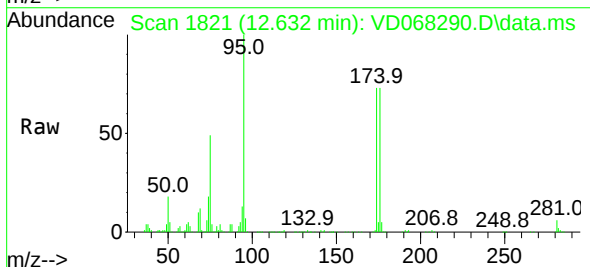
Instrument :
 MSVOA_D
 ClientSampled :
 SP-1A

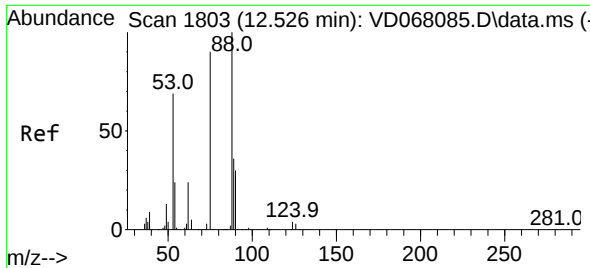
Tgt Ion:152 Resp: 338762
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.9 86.8
 150 155.8 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 52.79 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068290.D
 Acq: 04 Feb 2021 21:24

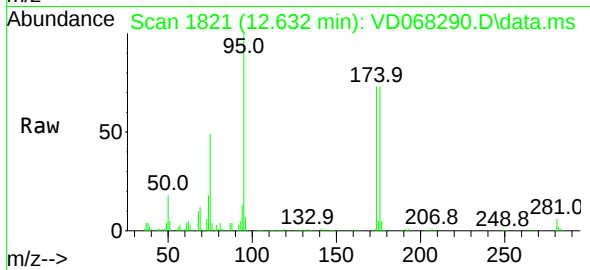
Tgt Ion: 75 Resp: 172918
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.83 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068290.D
 Acq: 04 Feb 2021 21:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A



Tgt Ion: 75 Resp: 172918
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

