

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068092.D
 Acq On : 19 Jan 2021 16:05
 Operator : VA/SY
 Sample : M1146-01
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 520-Z

Quant Time: Jan 19 16:45:09 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)

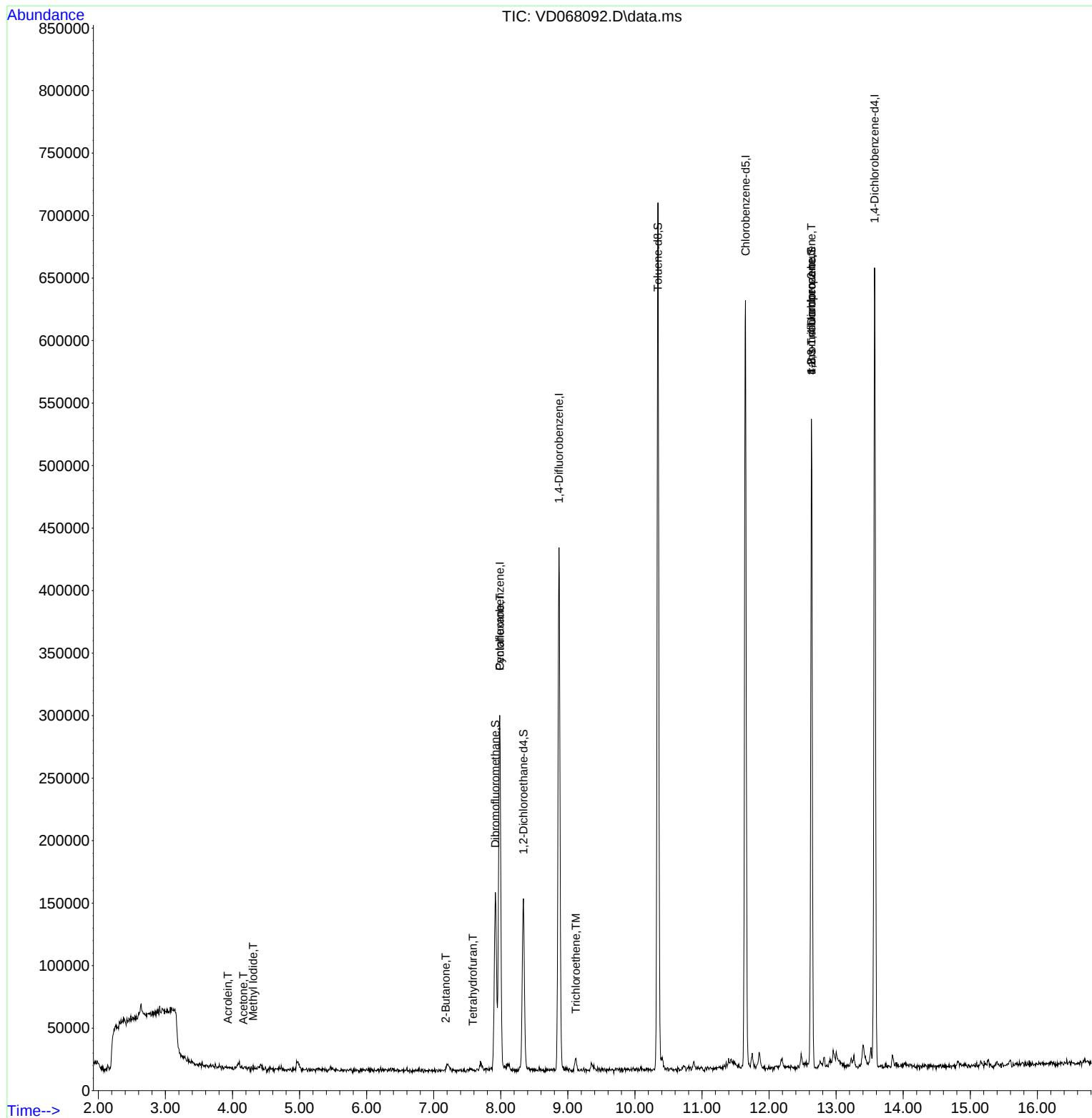
Internal Standards						
1) Pentafluorobenzene	7.985	168	215070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	372649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	360538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	173782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	109535	53.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.48%
35) Dibromofluoromethane	7.920	113	100727	48.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.78%
50) Toluene-d8	10.343	98	467384	56.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.44%
62) 4-Bromofluorobenzene	12.631	95	179878	60.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.22%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	962	3.50	ug/l #	49
11) Tert butyl alcohol	5.214	59	267	Below	Cal #	1
13) Acrolein	3.932	56	604	3.73	ug/l #	62
16) Acetone	4.161	43	2034	5.54	ug/l	89
20) Methylene Chloride	4.967	84	5355	Below	Cal #	84
25) 2-Butanone	7.179	43	1170	2.12	ug/l #	43
29) Tetrahydrofuran	7.585	42	725	2.02	ug/l #	58
31) Cyclohexane	7.985	56	7217	1.62	ug/l #	63
44) Trichloroethene	9.120	130	3172	1.10	ug/l	92
76) 1,2,3-Trichloropropane	12.631	75	89780	53.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	89780	108.12	ug/l #	14

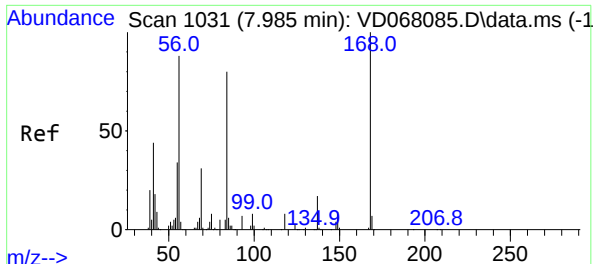
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
Data File : VD068092.D
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Misc : 4.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
520-Z

Quant Time: Jan 19 16:45:09 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

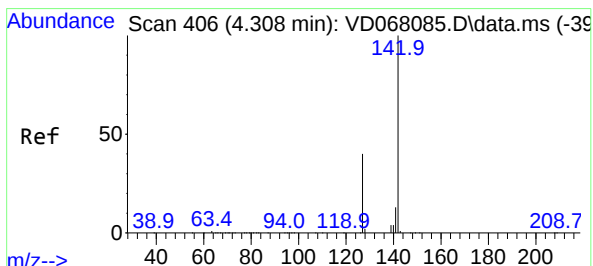
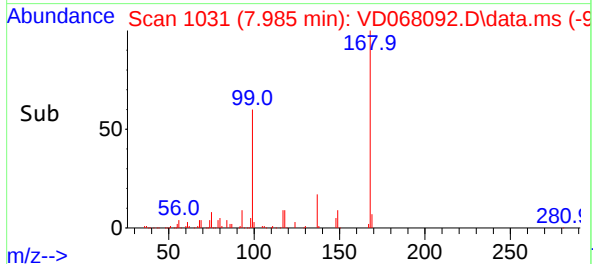
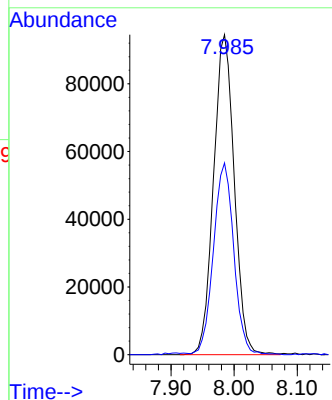
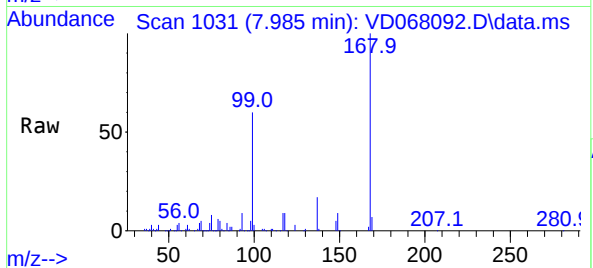




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

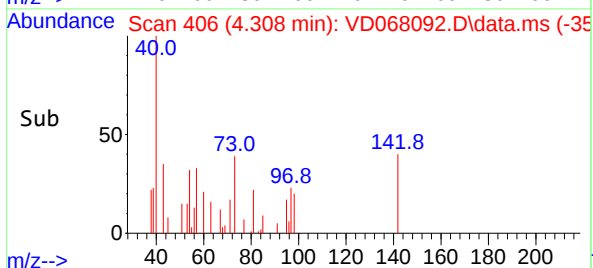
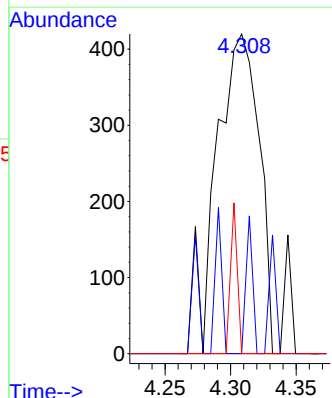
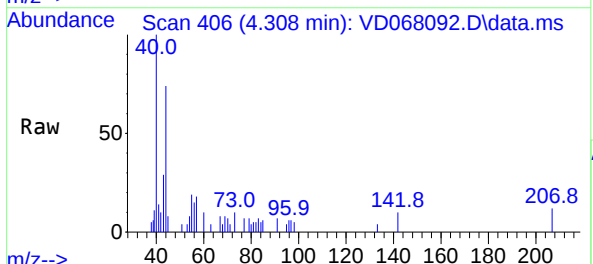
Instrument :
MSVOA_D
ClientSampled :
520-Z

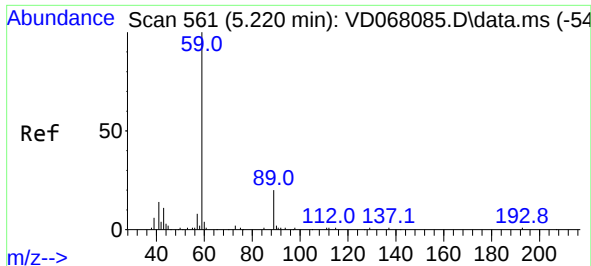
Tgt Ion:168 Resp: 215070
Ion Ratio Lower Upper
168 100
99 59.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion:142 Resp: 962
Ion Ratio Lower Upper
142 100
127 6.7 37.9 56.9#
141 7.3 11.5 17.3#



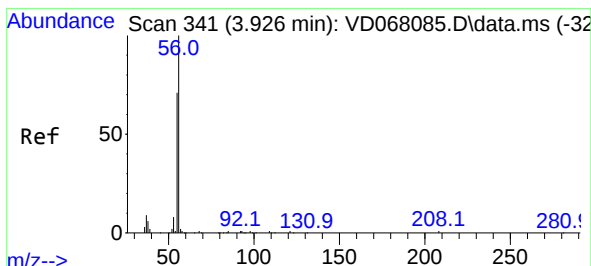
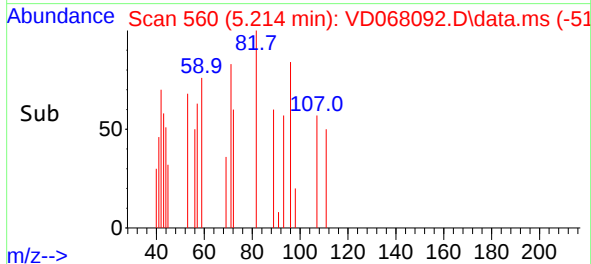
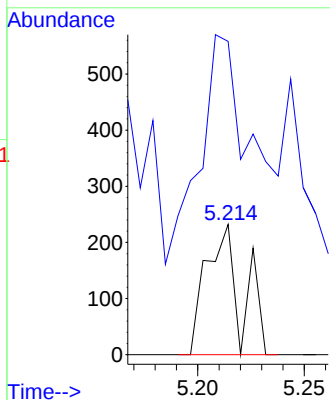
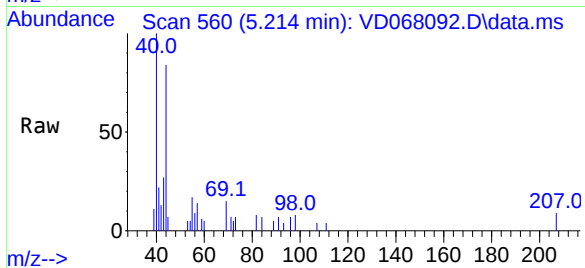


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
520-Z

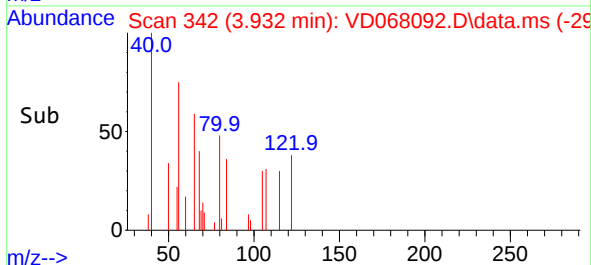
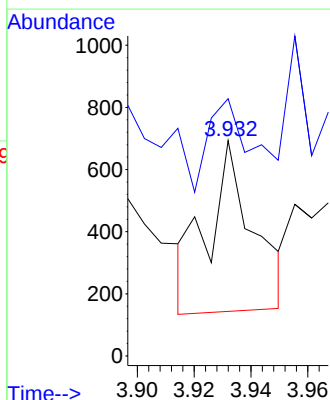
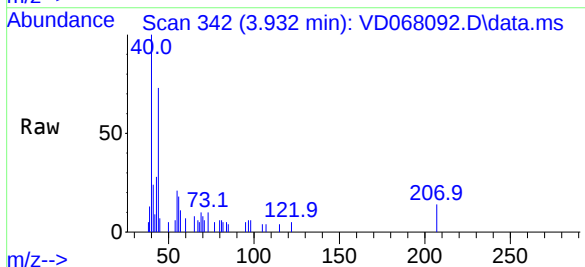
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 260.7 7.4 11.2#

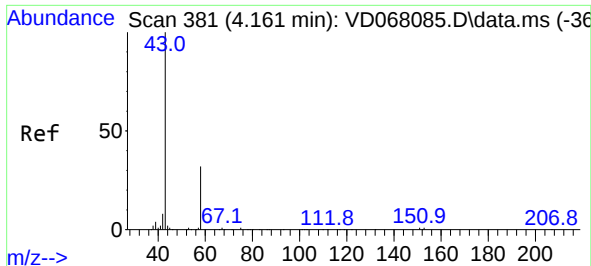


#13

Acrolein
Concen: 3.73 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion: 56 Resp: 604
Ion Ratio Lower Upper
56 100
55 39.1 56.5 84.7#

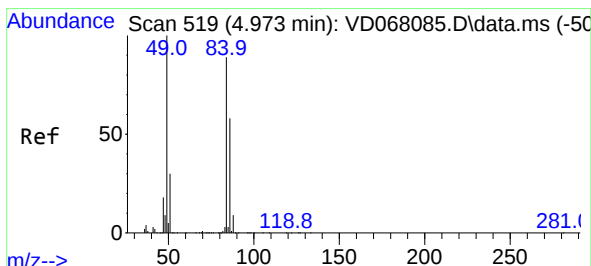
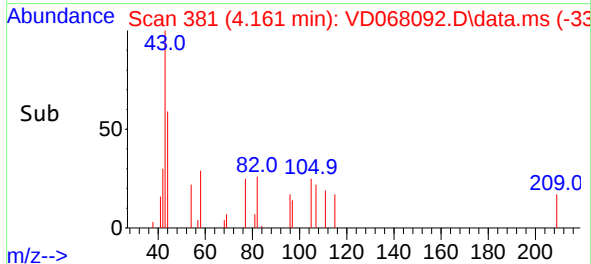
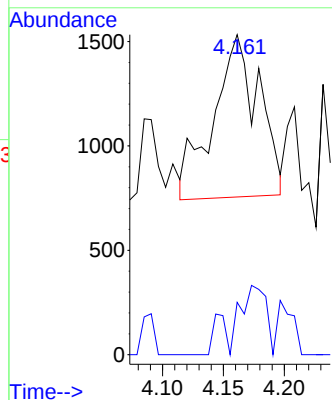
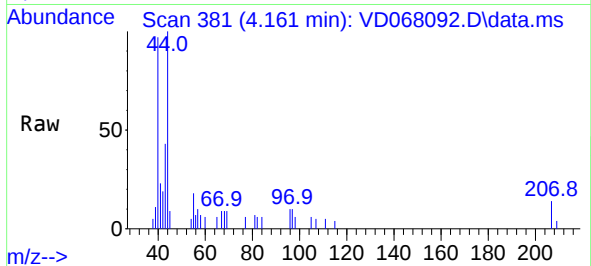




#16
Acetone
Concen: 5.54 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

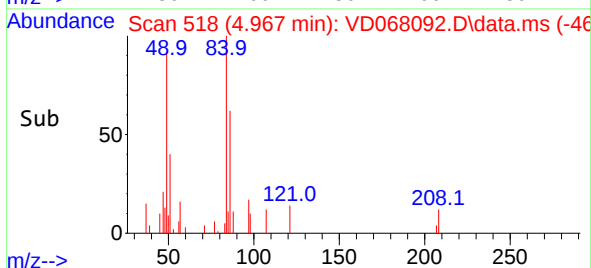
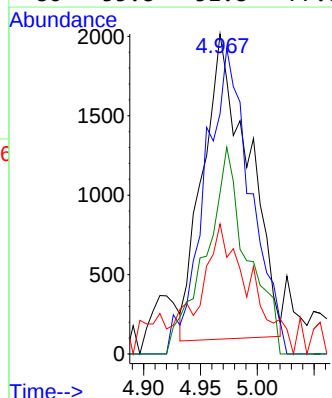
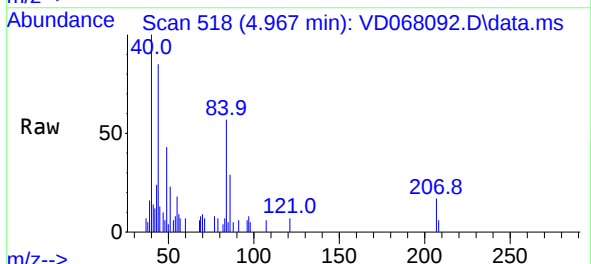
Instrument :
MSVOA_D
ClientSampled :
520-Z

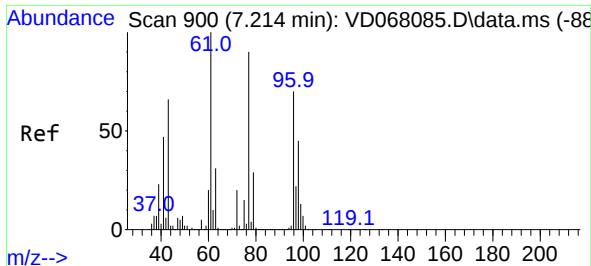
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 36.1 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion: 84 Resp: 5355
Ion Ratio Lower Upper
84 100
49 73.2 77.4 116.2#
51 33.0 26.1 39.1
86 55.8 51.8 77.8

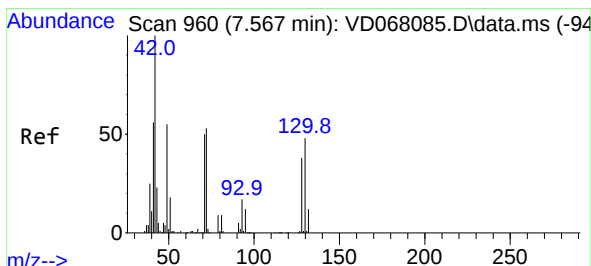
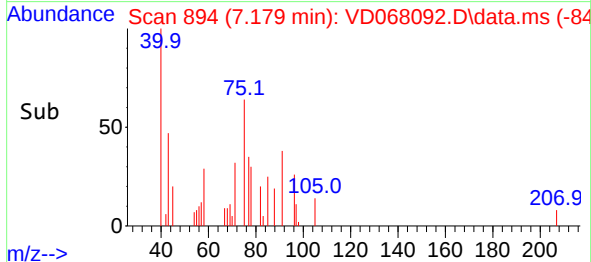
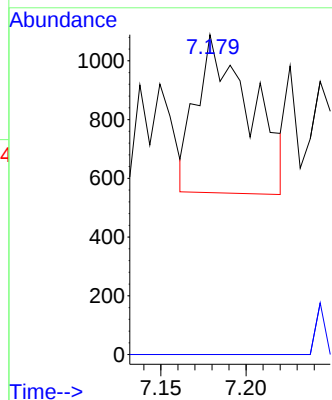
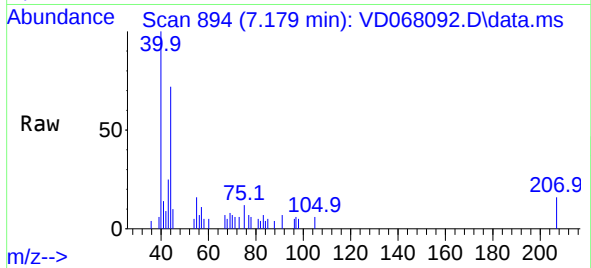




#25
2-Butanone
Concen: 2.12 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.035 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

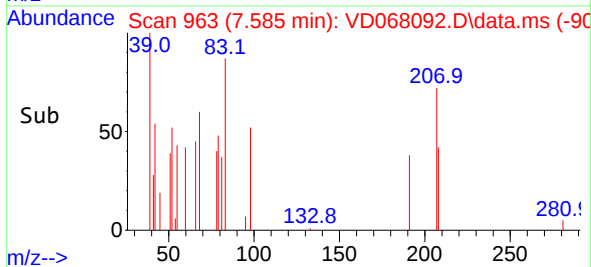
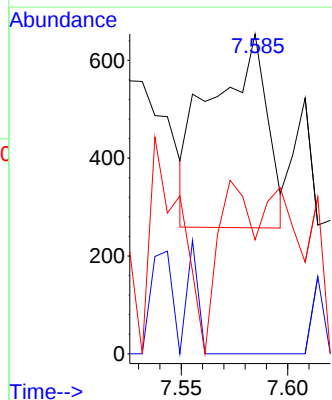
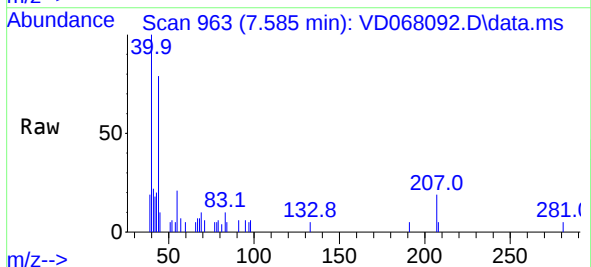
Instrument :
MSVOA_D
ClientSampleId :
520-Z

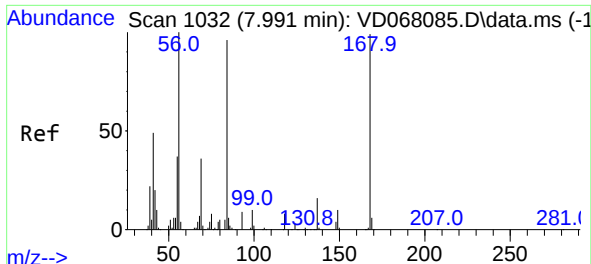
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#29
Tetrahydrofuran
Concen: 2.02 ug/l
RT: 7.585 min Scan# 963
Delta R.T. 0.018 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion: 42 Resp: 725
Ion Ratio Lower Upper
42 100
72 0.0 43.4 65.0#
71 56.1 40.8 61.2

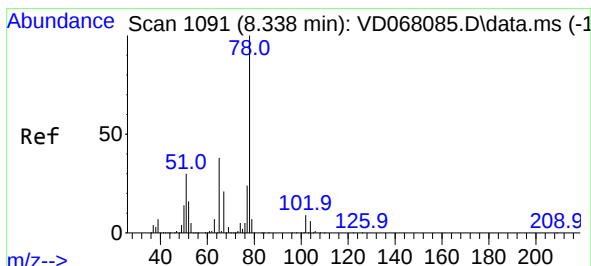
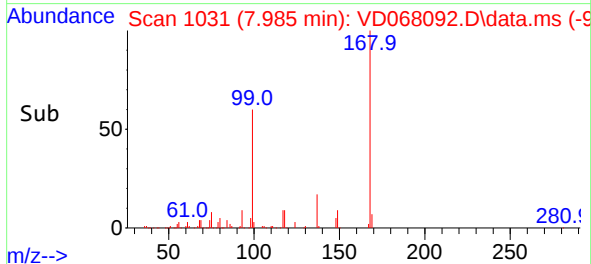
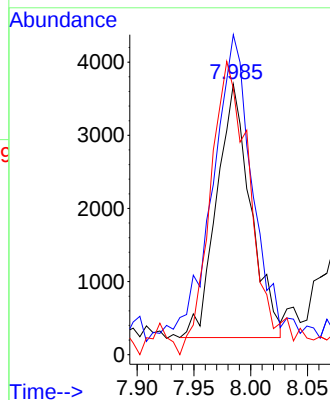
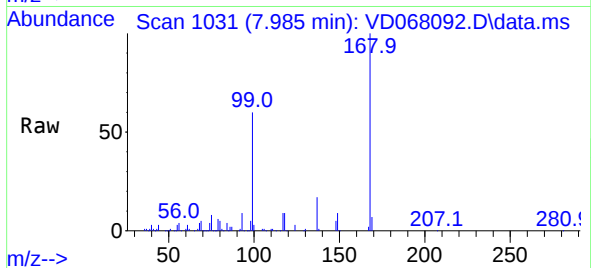




#31
Cyclohexane
Concen: 1.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

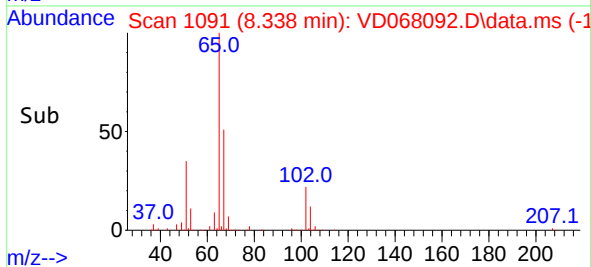
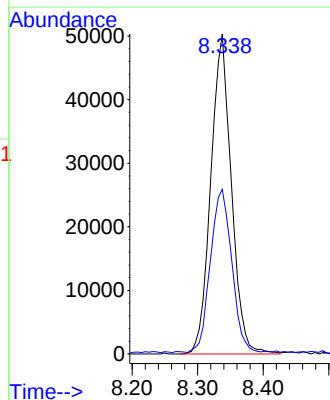
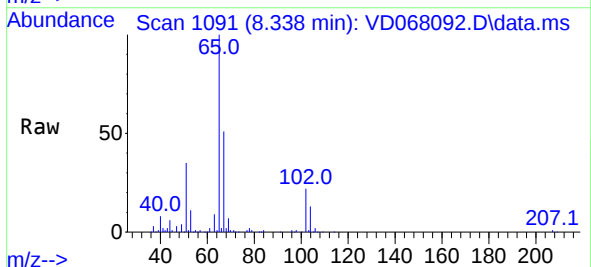
Instrument :
MSVOA_D
ClientSampled :
520-Z

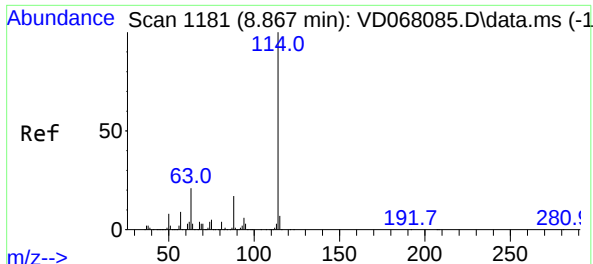
Tgt Ion: 56 Resp: 7217
Ion Ratio Lower Upper
56 100
69 115.7 30.1 45.1#
84 105.1 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 53.24 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion: 65 Resp: 109535
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



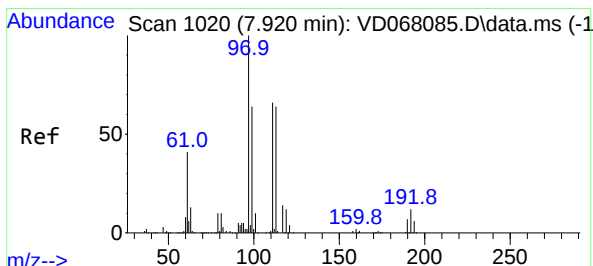
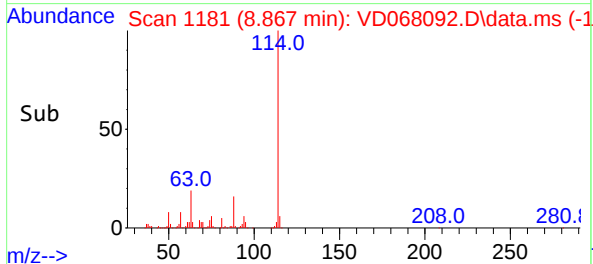
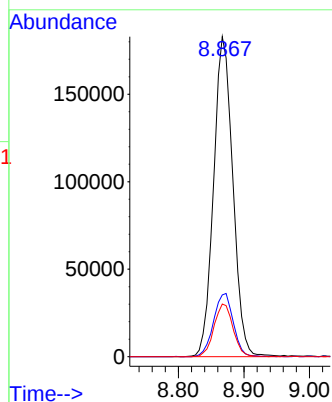
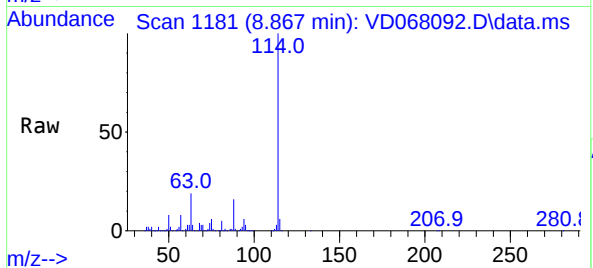


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
520-Z

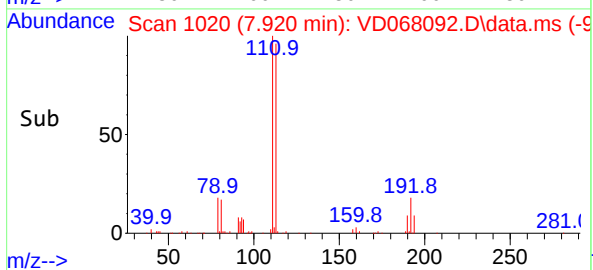
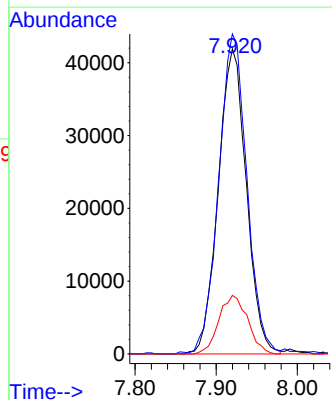
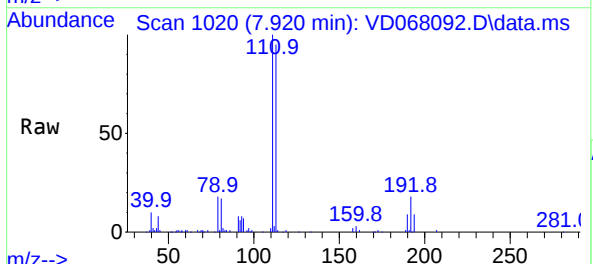
Tgt Ion:114 Resp: 372649
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 16.5 0.0 31.6

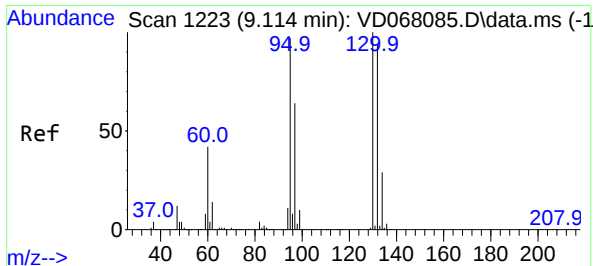


#35

Dibromofluoromethane
Concen: 48.89 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion:113 Resp: 100727
Ion Ratio Lower Upper
113 100
111 106.4 81.4 122.0
192 19.7 16.1 24.1

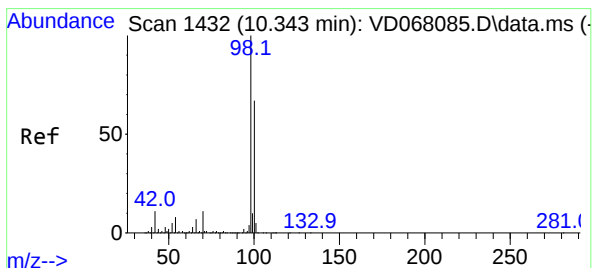
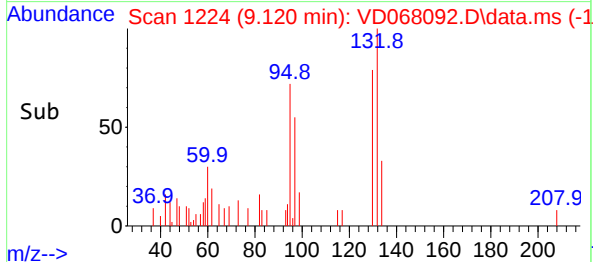
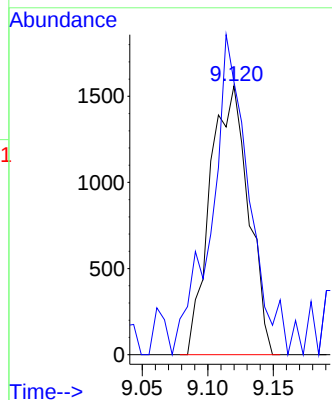
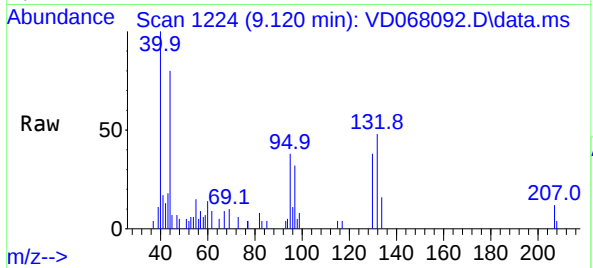




#44
Trichloroethene
Concen: 1.10 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

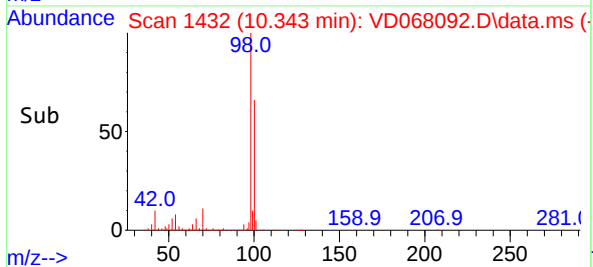
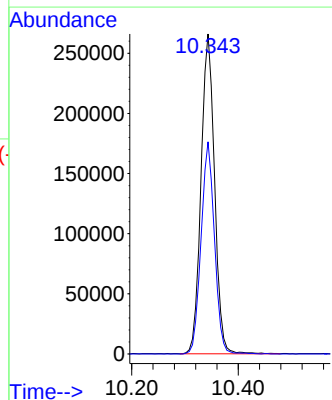
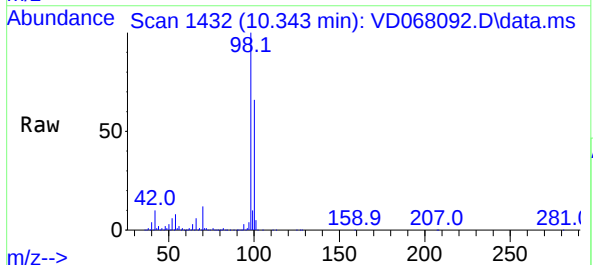
Instrument :
MSVOA_D
ClientSampleId :
520-Z

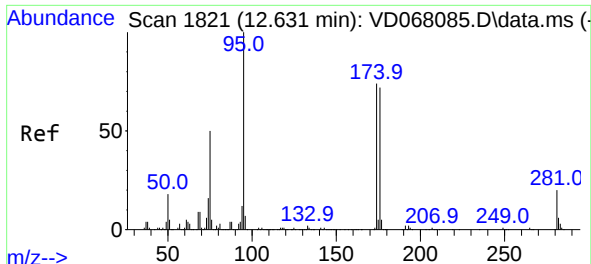
Tgt Ion:130 Resp: 3172
Ion Ratio Lower Upper
130 100
95 88.2 0.0 191.2



#50
Toluene-d8
Concen: 56.72 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

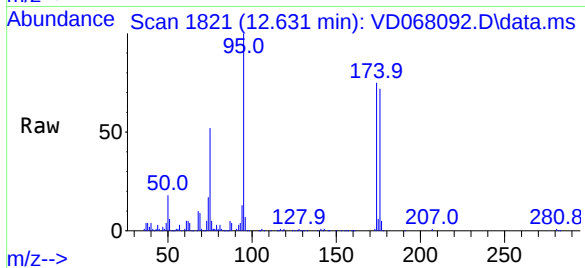
Tgt Ion: 98 Resp: 467384
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



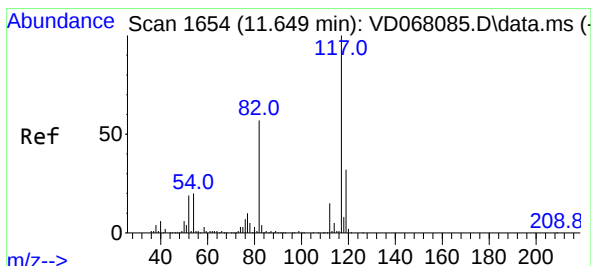
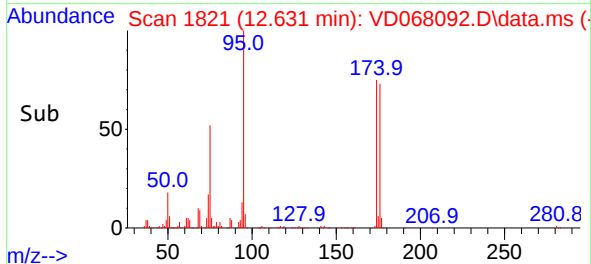
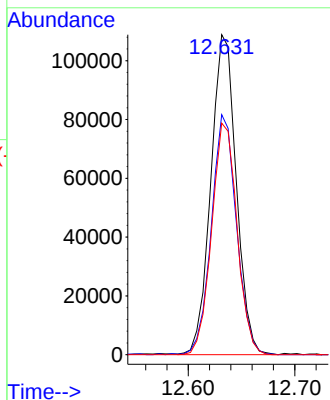


#62
4-Bromofluorobenzene
Concen: 60.61 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
520-Z

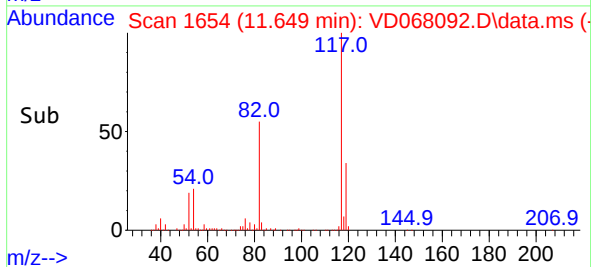
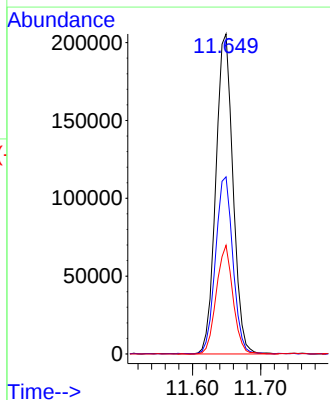
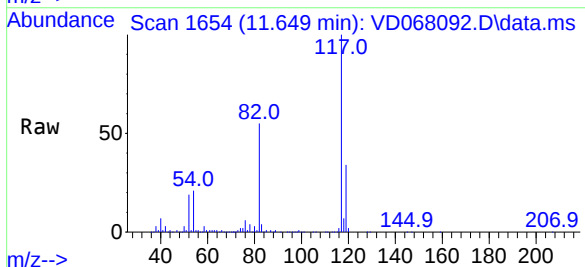


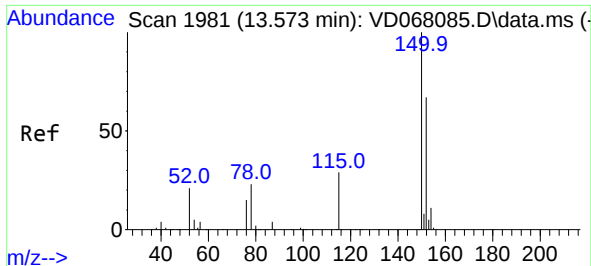
Tgt Ion: 95 Resp: 179878
Ion Ratio Lower Upper
95 100
174 74.5 0.0 172.4
176 72.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Tgt Ion: 117 Resp: 360538
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 33.9 26.1 39.1

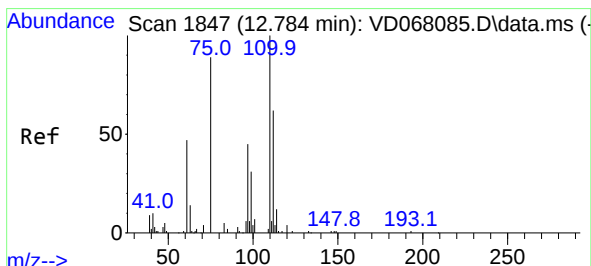
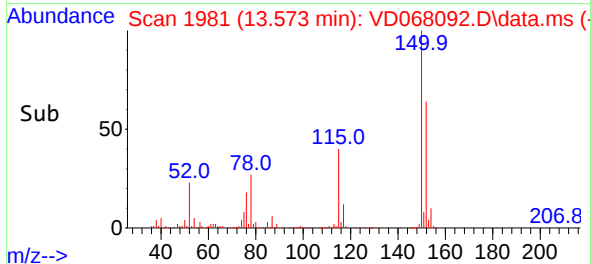
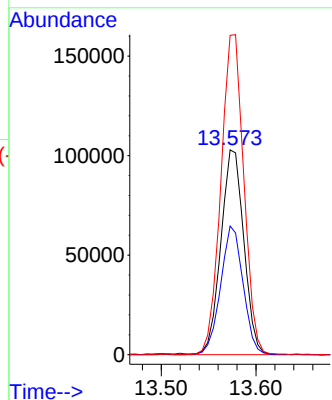
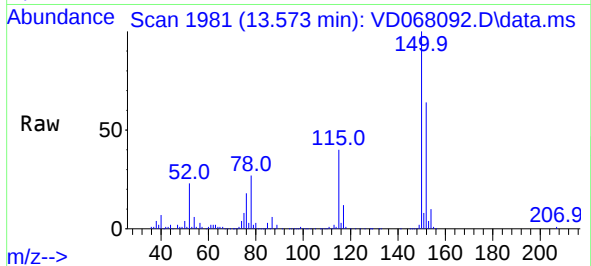




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

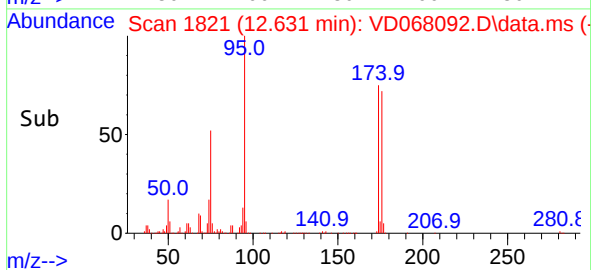
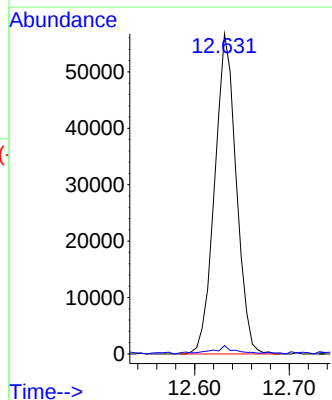
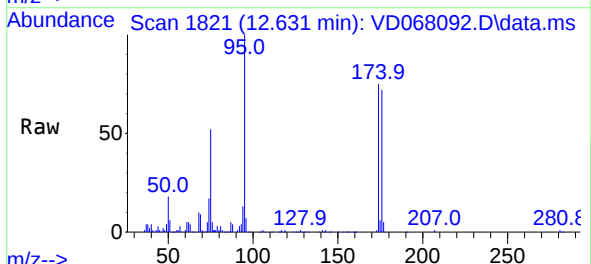
Instrument :
MSVOA_D
ClientSampled :
520-Z

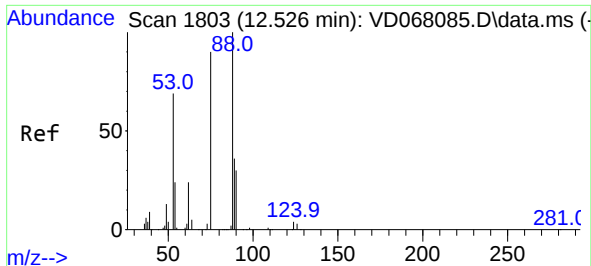
Tgt Ion:152 Resp: 173782
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.8
150 155.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.43 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

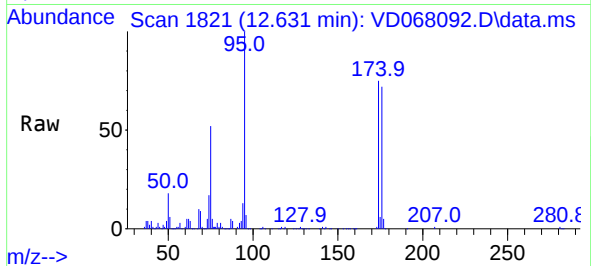
Tgt Ion: 75 Resp: 89780
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.12 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068092.D
Acq: 19 Jan 2021 16:05

Instrument :
MSVOA_D
ClientSampleId :
520-Z



Tgt Ion: 75 Resp: 89780
Ion Ratio Lower Upper
75 100
53 0.6 70.2 105.2#
89 0.0 40.3 60.5#

