

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068908.D
 Acq On : 19 Apr 2021 19:24
 Operator : VA/SY
 Sample : M2076-15
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-14.5-15.0

Quant Time: Apr 20 00:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

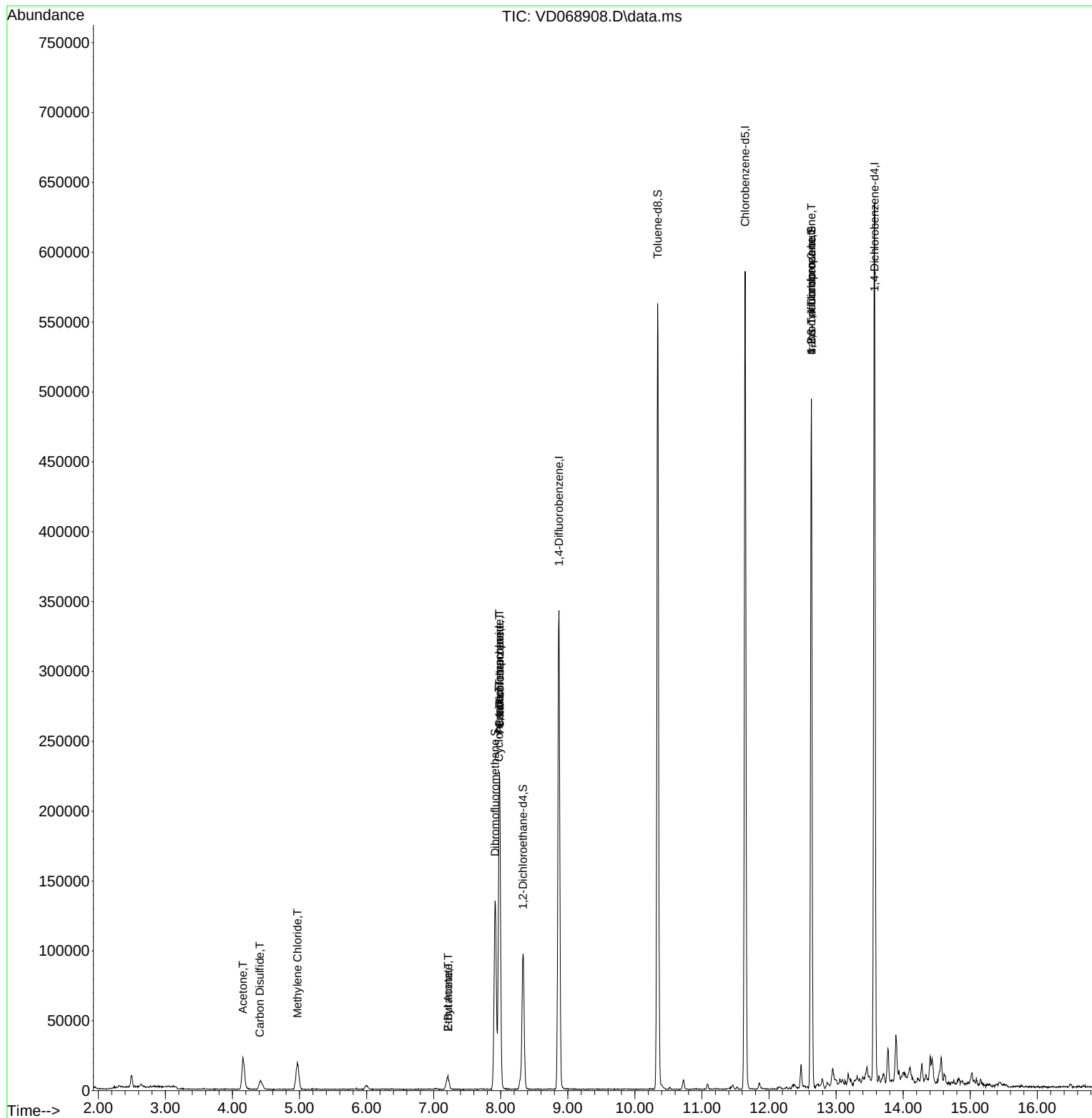
Internal Standards						
1) Pentafluorobenzene	7.985	168	177058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	311001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	351063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	175180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	76791	41.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.08%			
35) Dibromofluoromethane	7.914	113	98600	48.74	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.48%			
50) Toluene-d8	10.338	98	394825	51.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.48%			
62) 4-Bromofluorobenzene	12.632	95	156359	61.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.38%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.232	59	116	Below Cal	#	73
16) Acetone	4.156	43	38742	149.51	ug/l	90
17) Carbon Disulfide	4.409	76	11532	2.01	ug/l	96
20) Methylene Chloride	4.968	84	17471	3.89	ug/l	92
25) 2-Butanone	7.215	43	9838	26.83	ug/l	94
31) Cyclohexane	7.973	56	3449	1.11	ug/l #	51
36) 1,1-Dichloropropene	7.979	75	13486	4.28	ug/l #	50
37) Ethyl Acetate	7.215	43	9838	10.64	ug/l #	64
38) Carbon Tetrachloride	7.979	117	17747	5.69	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	77199	48.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	77199	111.95	ug/l #	16

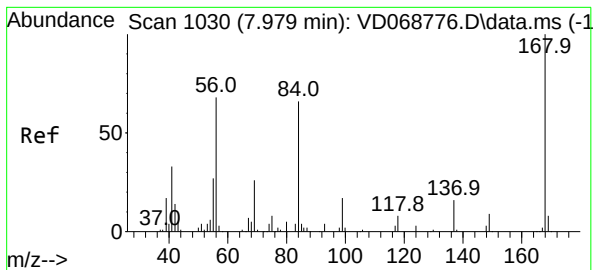
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-17-14.5-15.0

Quant Time: Apr 20 00:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

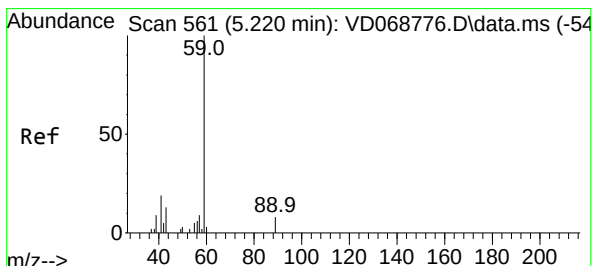
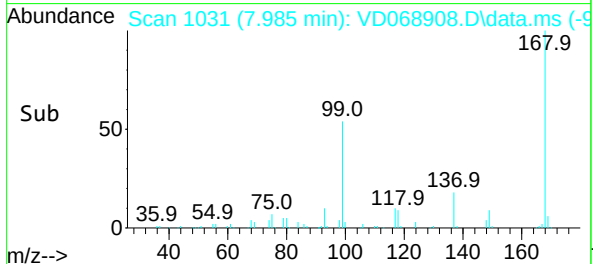
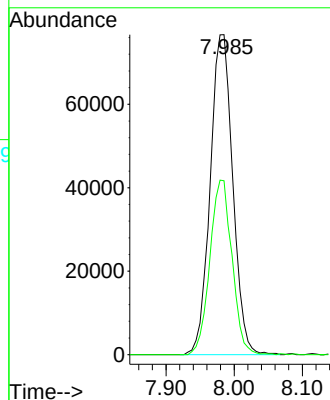
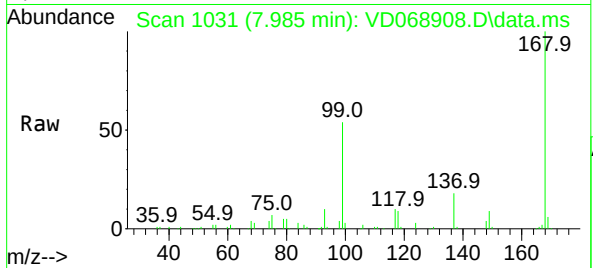




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

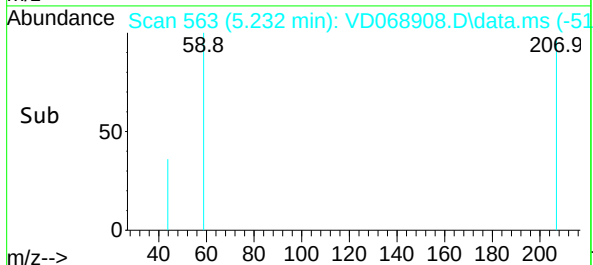
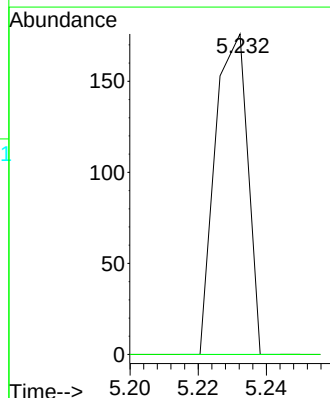
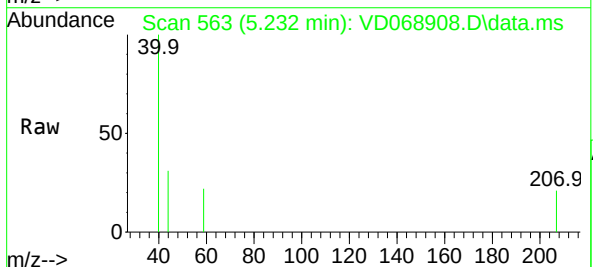
Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0

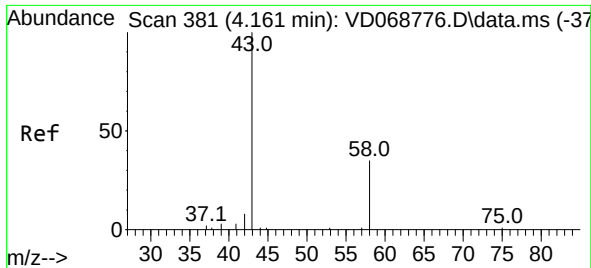
Tgt Ion:168 Resp: 177058
Ion Ratio Lower Upper
168 100
99 54.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

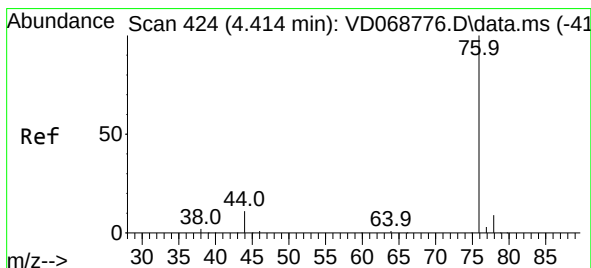
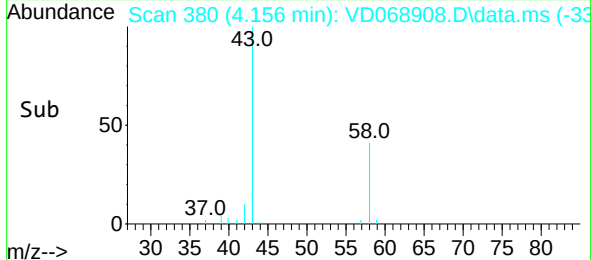
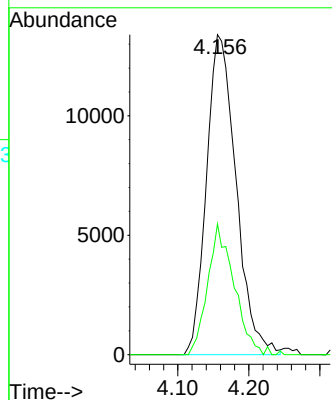
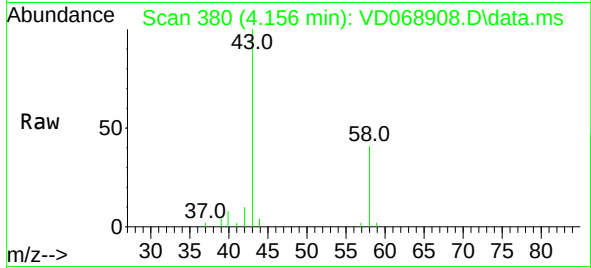




#16
Acetone
Concen: 149.51 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

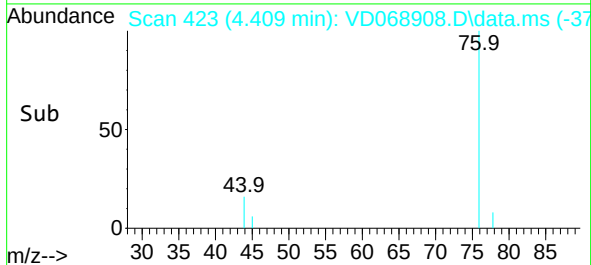
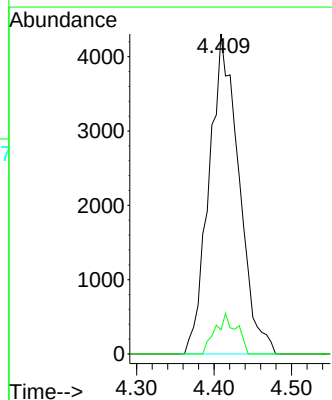
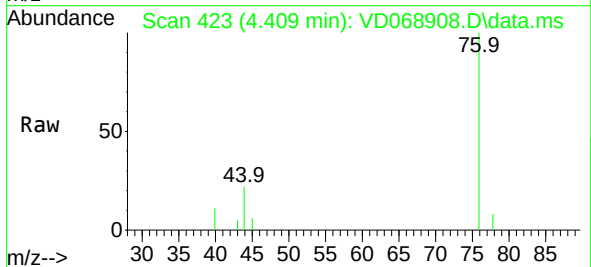
Instrument :
MSVOA_D
ClientSampled :
SB-17-14.5-15.0

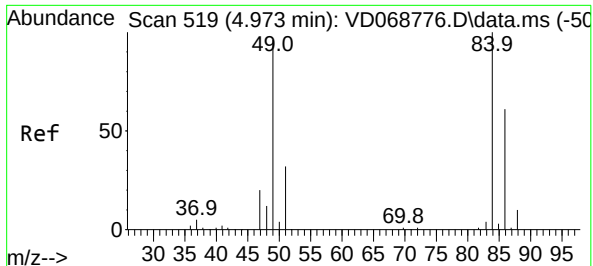
Tgt Ion: 43 Resp: 38742
Ion Ratio Lower Upper
43 100
58 40.9 28.0 42.0



#17
Carbon Disulfide
Concen: 2.01 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Tgt Ion: 76 Resp: 11532
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9





#20

Methylene Chloride

Concen: 3.89 ug/l

RT: 4.968 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD068908.D

Acq: 19 Apr 2021 19:24

Instrument :

MSVOA_D

ClientSampleId :

SB-17-14.5-15.0

Tgt Ion: 84 Resp: 17471

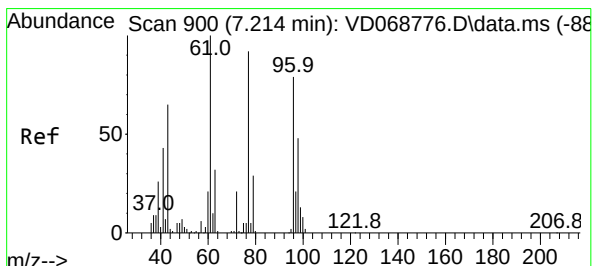
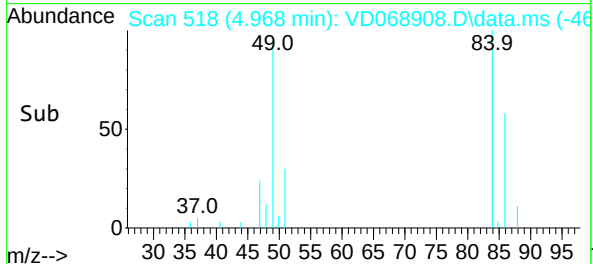
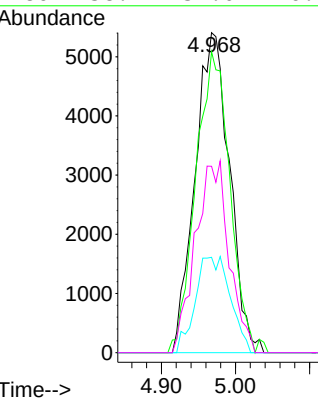
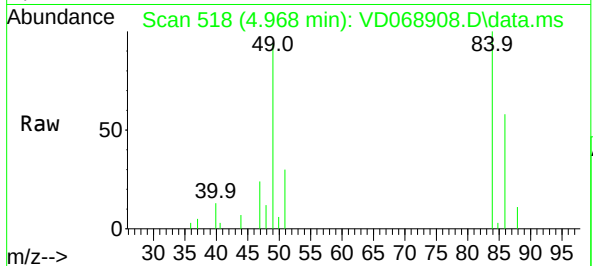
Ion Ratio Lower Upper

84 100

49 94.0 83.4 125.0

51 29.8 23.4 35.2

86 58.2 51.0 76.4



#25

2-Butanone

Concen: 26.83 ug/l

RT: 7.215 min Scan# 900

Delta R.T. 0.001 min

Lab File: VD068908.D

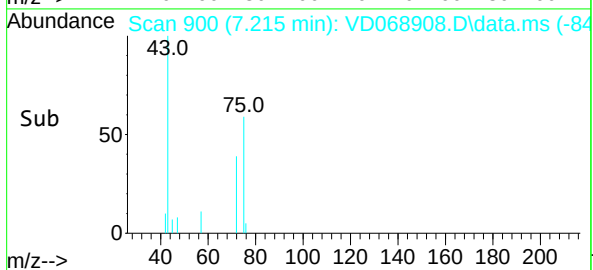
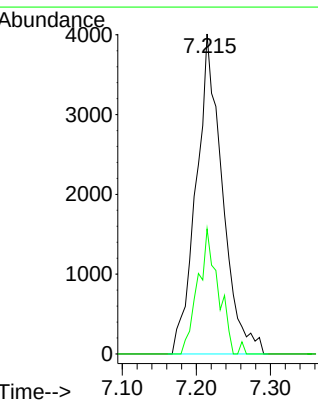
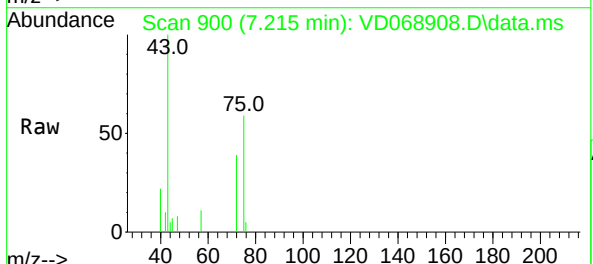
Acq: 19 Apr 2021 19:24

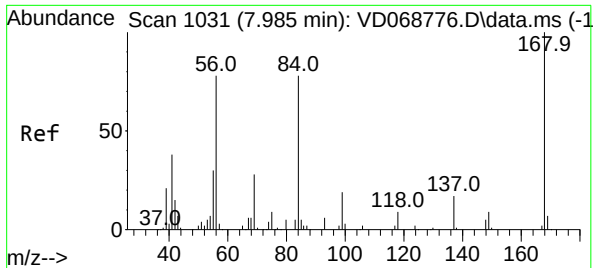
Tgt Ion: 43 Resp: 9838

Ion Ratio Lower Upper

43 100

72 39.1 28.6 43.0

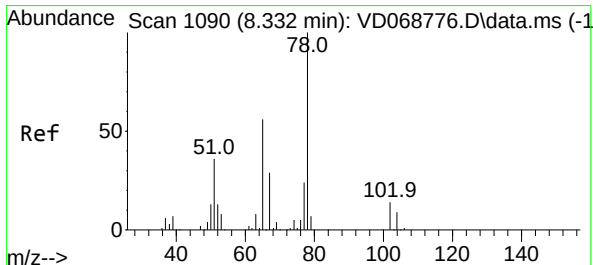
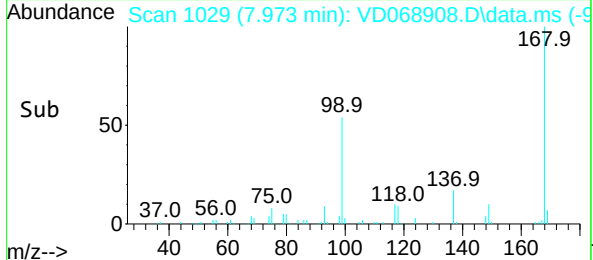
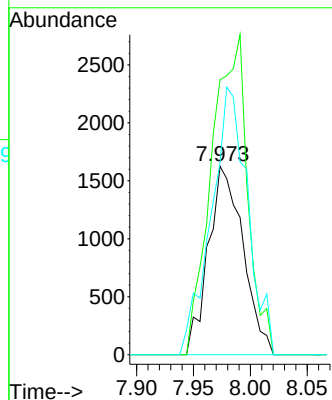
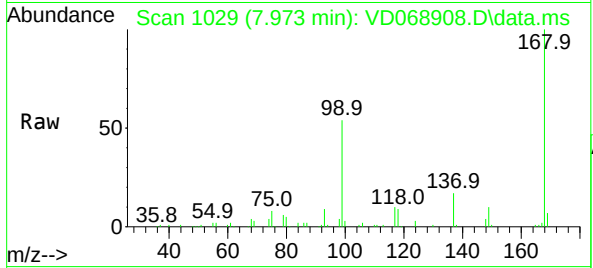




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

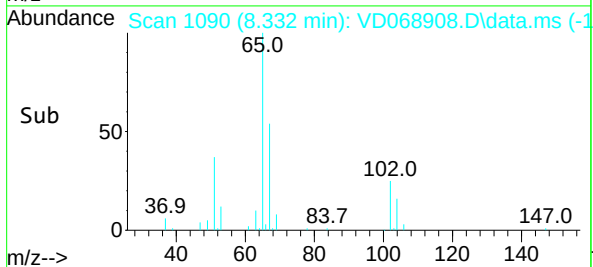
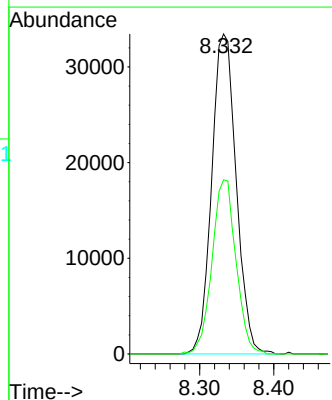
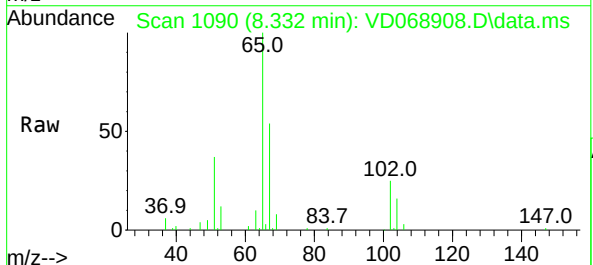
Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0

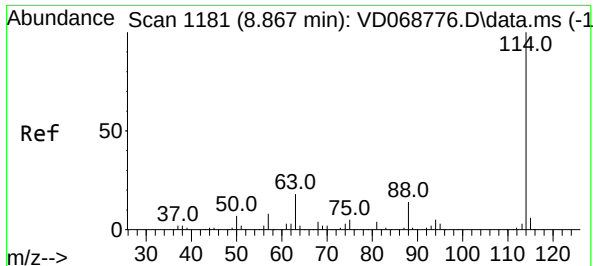
Tgt Ion: 56 Resp: 3449
Ion Ratio Lower Upper
56 100
69 146.0 30.0 45.0#
84 101.8 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Tgt Ion: 65 Resp: 76791
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.0

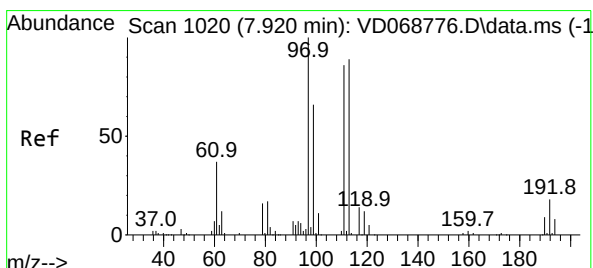
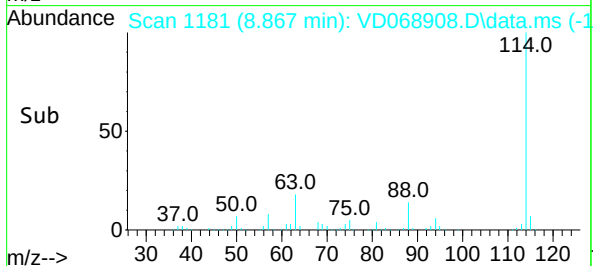
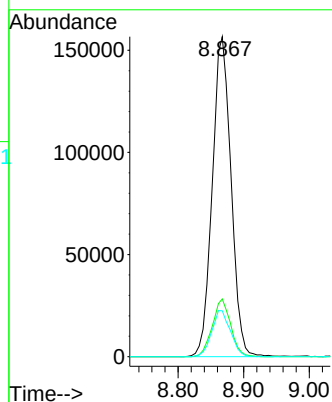
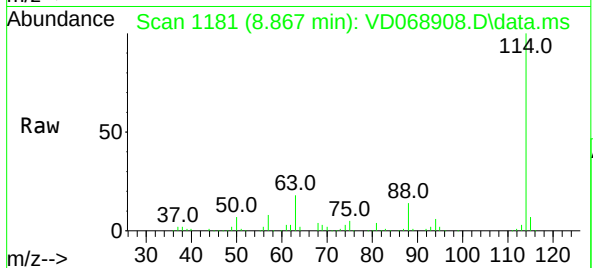




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

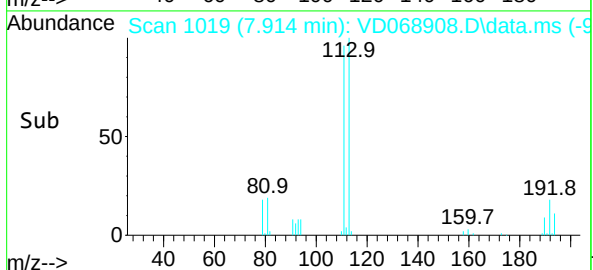
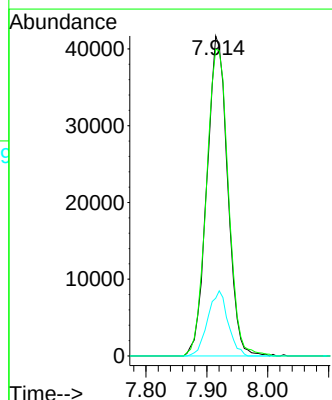
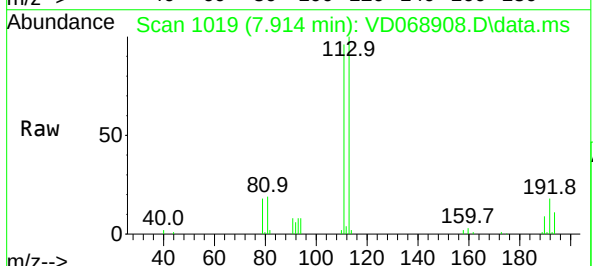
Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0

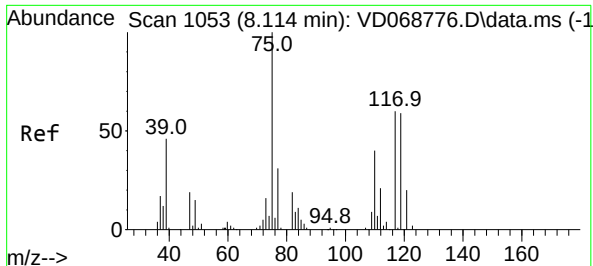
Tgt Ion:114 Resp: 311001
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

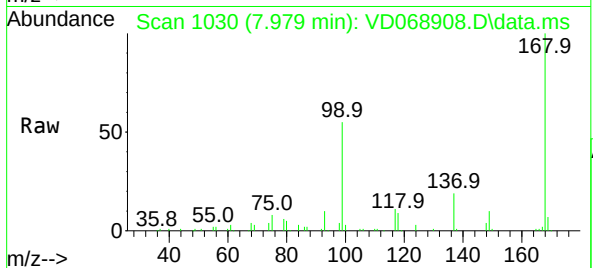
Tgt Ion:113 Resp: 98600
Ion Ratio Lower Upper
113 100
111 101.7 82.5 123.7
192 19.9 15.1 22.7



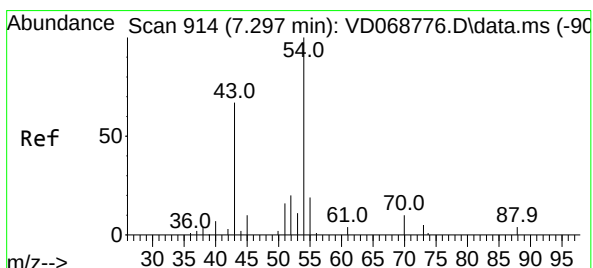
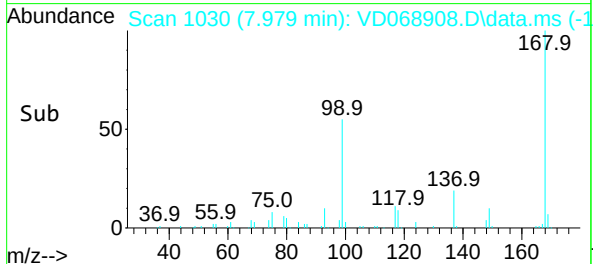
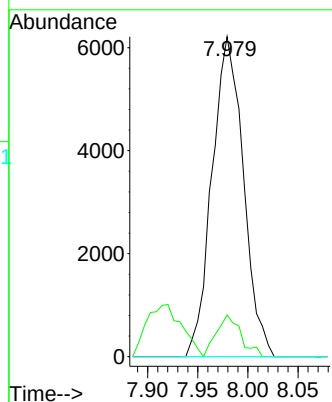


#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0

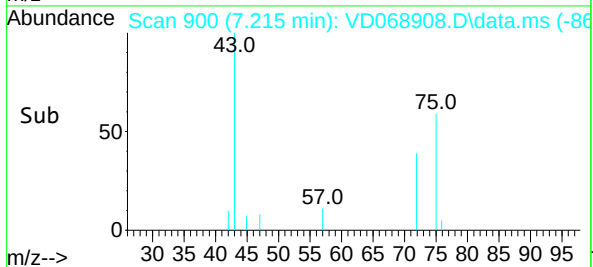
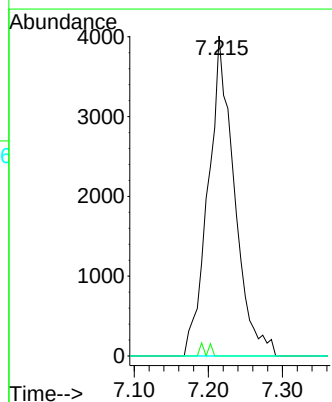
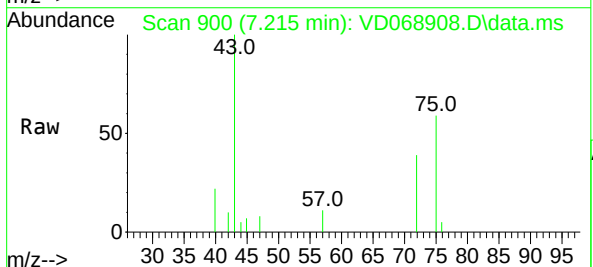


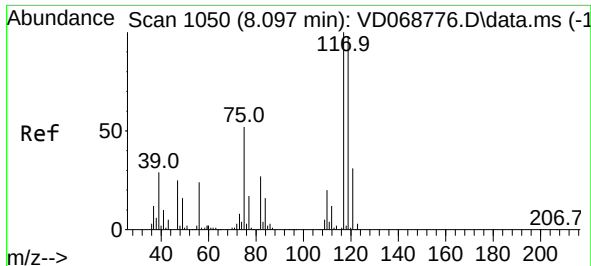
Tgt Ion: 75 Resp: 13486
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 10.64 ug/l
RT: 7.215 min Scan# 900
Delta R.T. -0.082 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

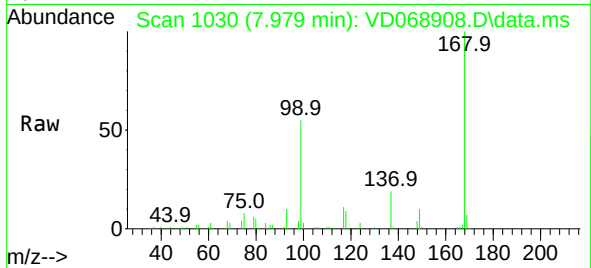
Tgt Ion: 43 Resp: 9838
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



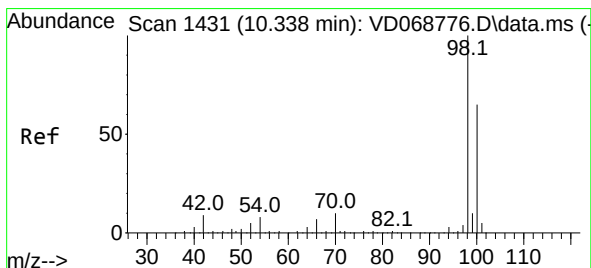
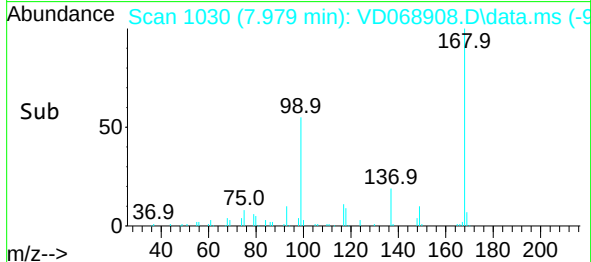
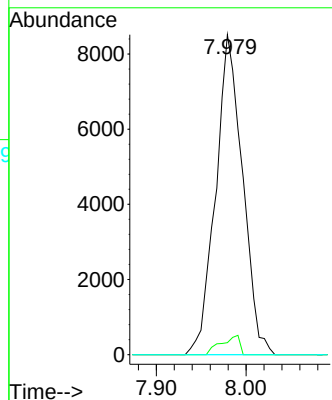


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Instrument :
MSVOA_D
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SB-17-14.5-15.0

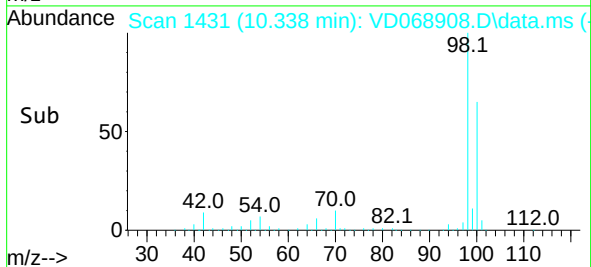
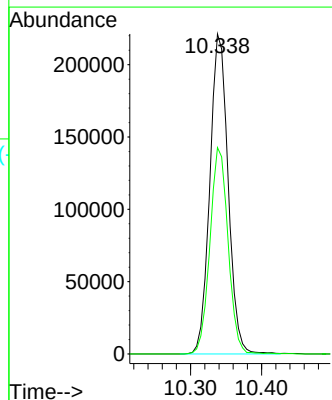
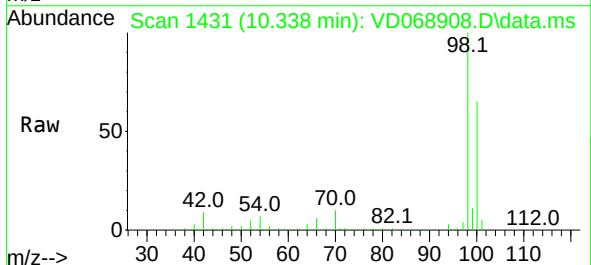


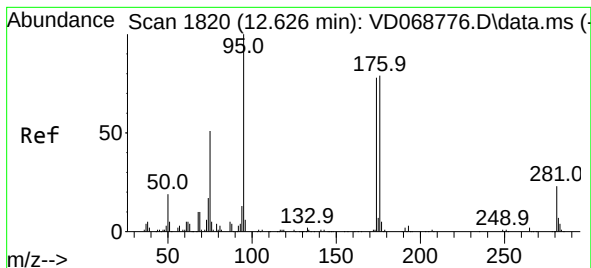
Tgt Ion:117 Resp: 17747
Ion Ratio Lower Upper
117 100
119 3.7 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.74 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Tgt Ion: 98 Resp: 394825
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

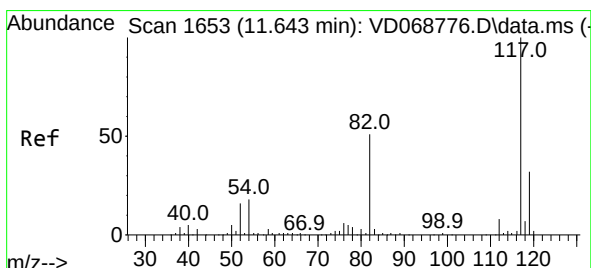
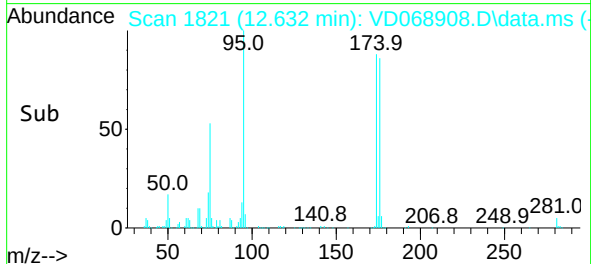
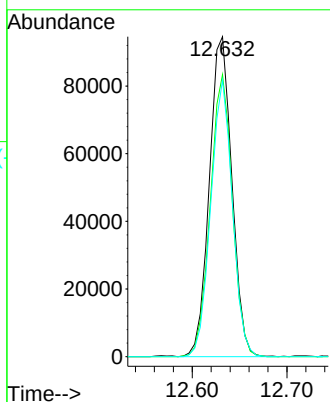
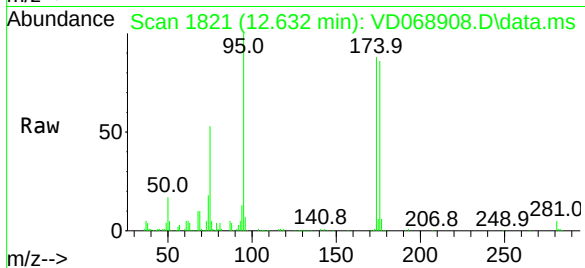




#62
4-Bromofluorobenzene
Concen: 61.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

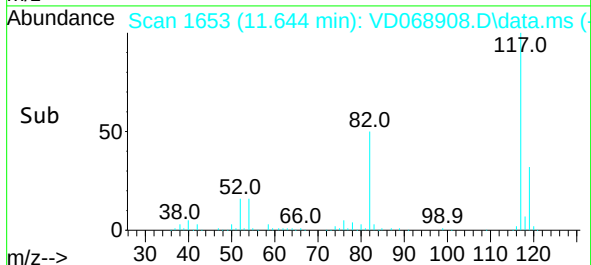
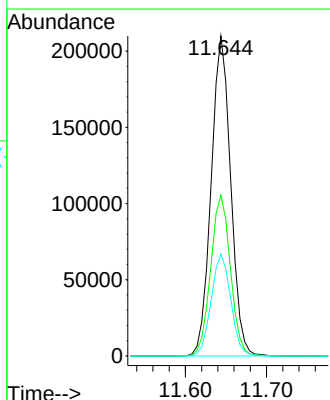
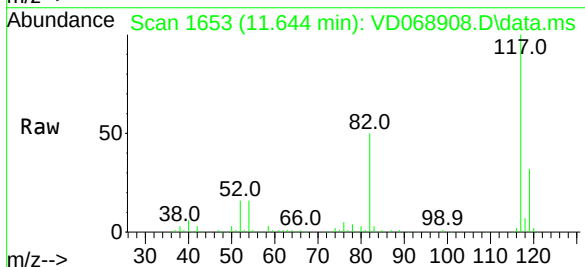
Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0

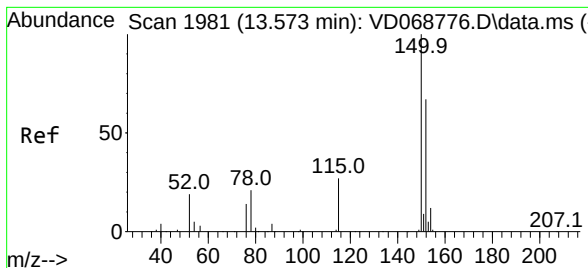
Tgt Ion: 95 Resp: 156359
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 82.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Tgt Ion: 117 Resp: 351063
Ion Ratio Lower Upper
117 100
82 50.2 43.5 65.3
119 31.9 26.7 40.1

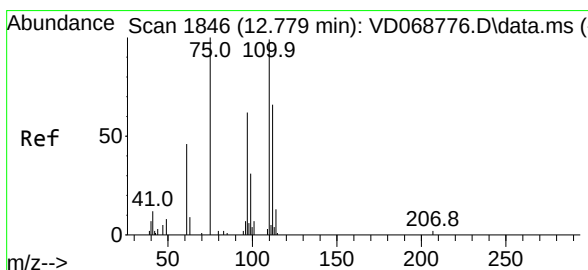
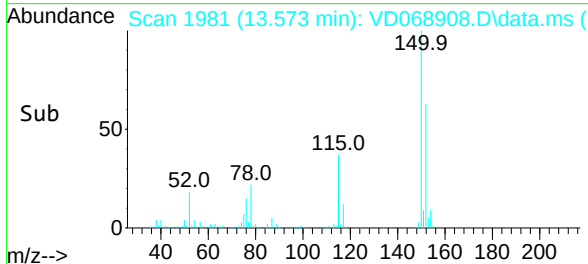
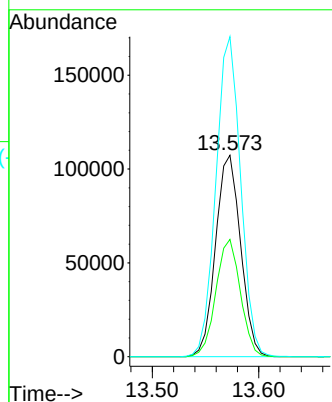
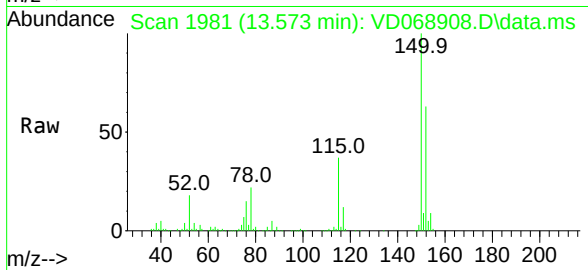




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068908.D
 Acq: 19 Apr 2021 19:24

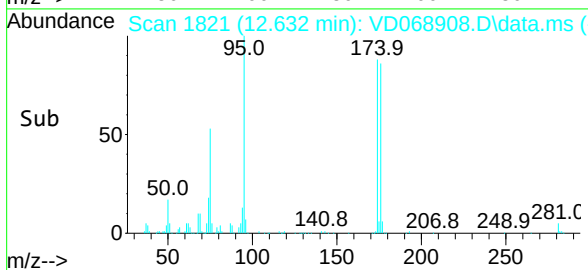
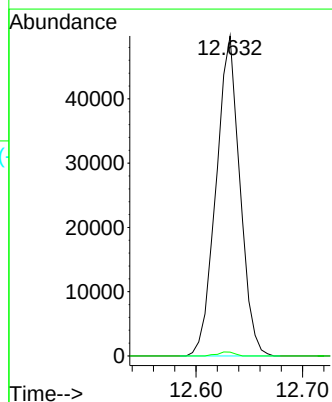
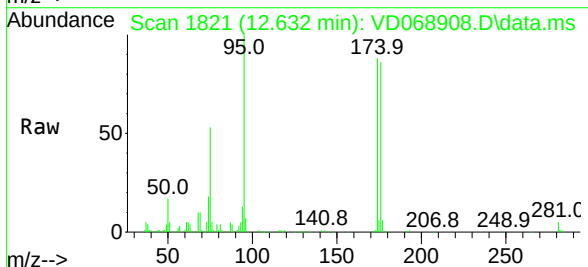
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-14.5-15.0

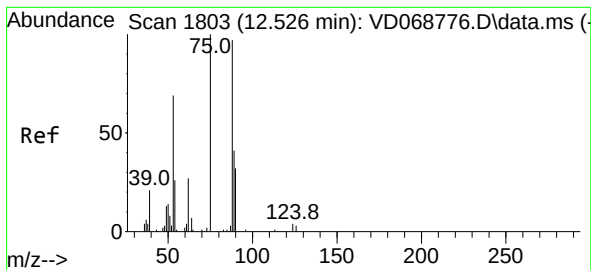
Tgt Ion:152 Resp: 175180
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.3 87.8
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.24 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068908.D
 Acq: 19 Apr 2021 19:24

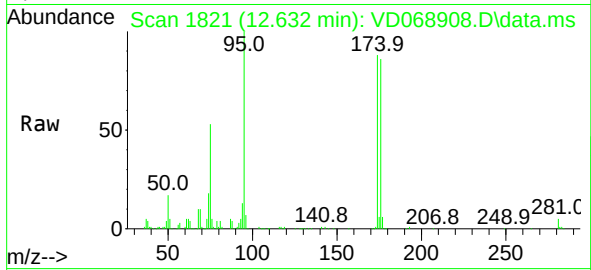
Tgt Ion: 75 Resp: 77199
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068908.D
Acq: 19 Apr 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-14.5-15.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.1	36.6	54.8#

