

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
 Data File : VD068048.D
 Acq On : 08 Jan 2021 14:49
 Operator : VA/SY
 Sample : M1043-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BALL-1

Quant Time: Jan 08 21:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

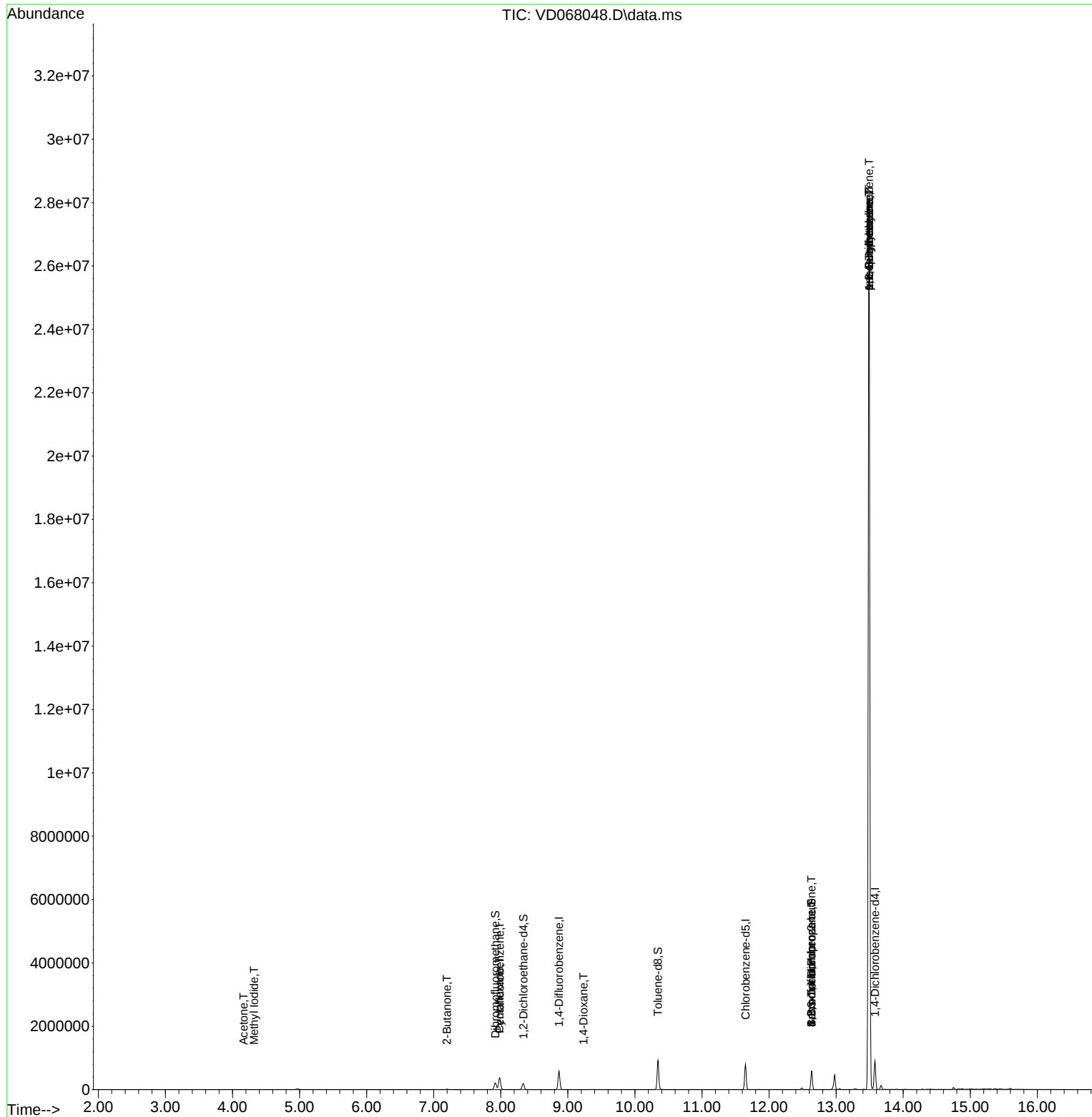
Internal Standards						
1) Pentafluorobenzene	7.985	168	248475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	475915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	443887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	213698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	147984	55.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.30%			
35) Dibromofluoromethane	7.920	113	151846	50.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.28%			
50) Toluene-d8	10.344	98	605340	53.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.42%			
62) 4-Bromofluorobenzene	12.632	95	201065	52.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.30%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	922	Below Cal	#	43
10) Methyl Iodide	4.320	142	676	4.07 ug/l	#	64
11) Tert butyl alcohol	5.203	59	357	Below Cal	#	74
16) Acetone	4.167	43	3776	7.37 ug/l		99
20) Methylene Chloride	4.973	84	15409	Below Cal		90
25) 2-Butanone	7.197	43	1001	1.32 ug/l	#	49
31) Cyclohexane	7.979	56	8038	1.47 ug/l	#	14
49) 1,4-Dioxane	9.232	88	130	6.56 ug/l	#	24
71) Bromoform	12.632	173	2442	1.41 ug/l	#	28
76) 1,2,3-Trichloropropane	12.632	75	102177	56.79 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	102177	116.41 ug/l	#	12
83) tert-Butylbenzene	13.490	119	268856	24.81 ug/l	#	1
84) 1,2,4-Trimethylbenzene	13.490	105	447304	33.86 ug/l	#	49
85) sec-Butylbenzene	13.490	105	447304	28.21 ug/l		89
86) p-Isopropyltoluene	13.490	119	310975	22.29 ug/l	#	1

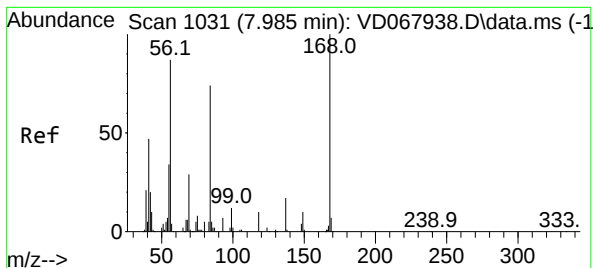
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
Data File : VD068048.D
Acq On : 08 Jan 2021 14:49
Operator : VA/SY
Sample : M1043-01RE
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BALL-1

Quant Time: Jan 08 21:50:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

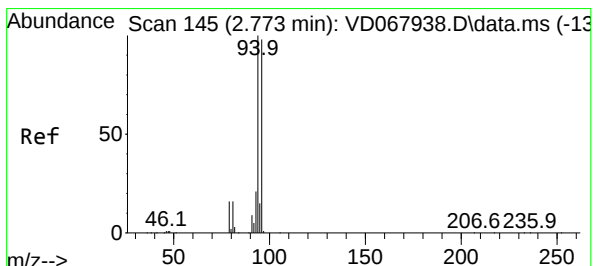
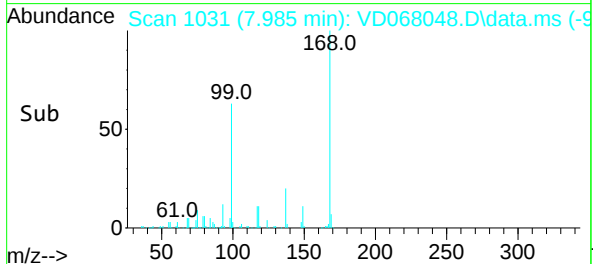
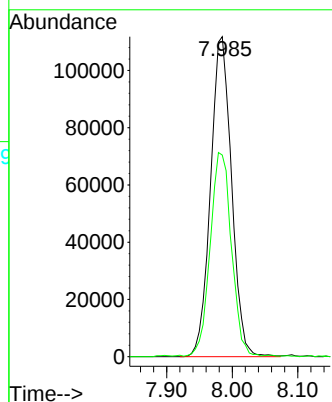
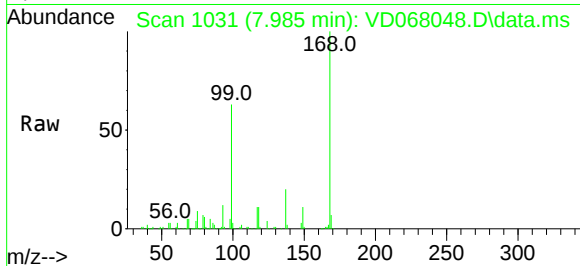




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

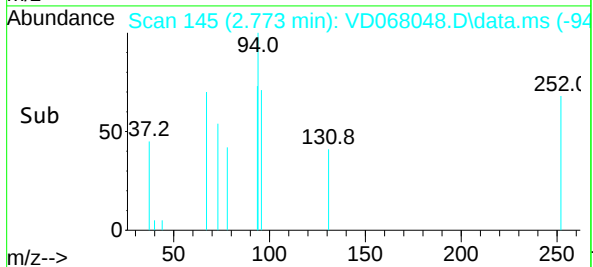
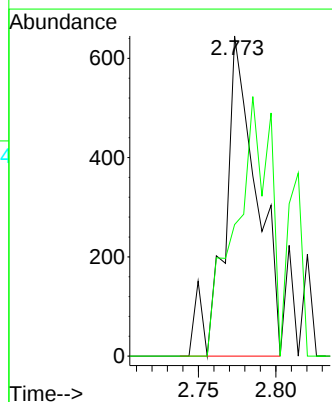
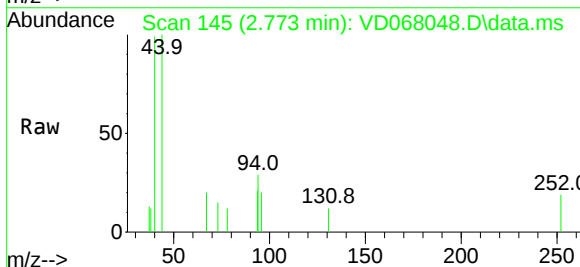
Instrument :
MSVOA_D
ClientSampled :
BALL-1

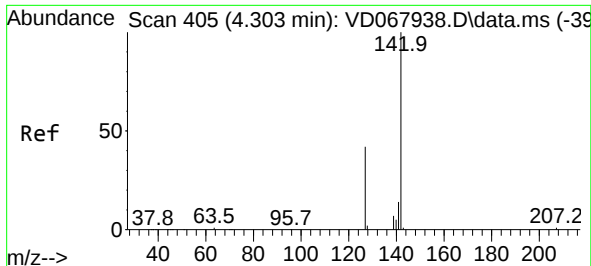
Tgt Ion:168 Resp: 248475
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

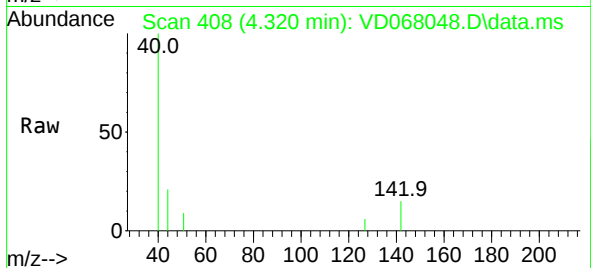
Tgt Ion: 94 Resp: 922
Ion Ratio Lower Upper
94 100
96 41.1 78.0 117.0#



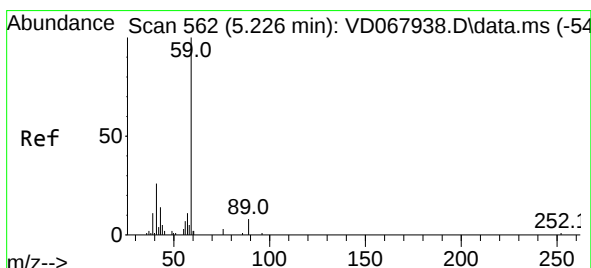
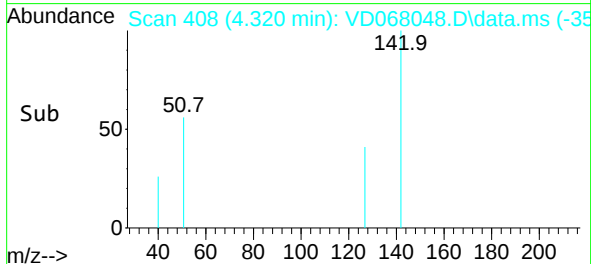
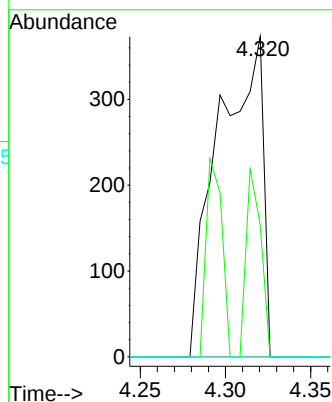


#10
Methyl Iodide
Concen: 4.07 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Instrument :
MSVOA_D
ClientSampled :
BALL-1

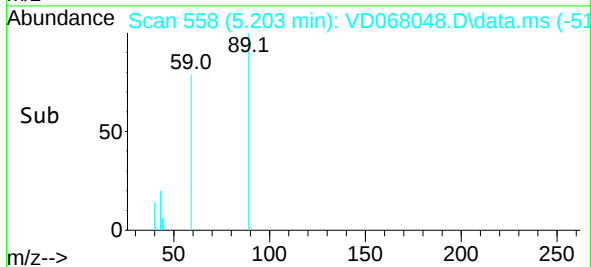
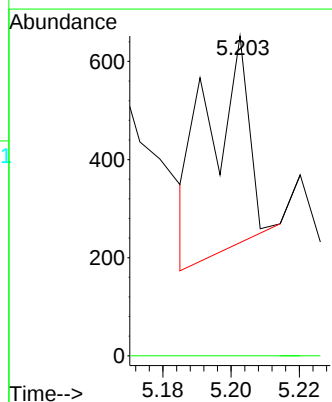
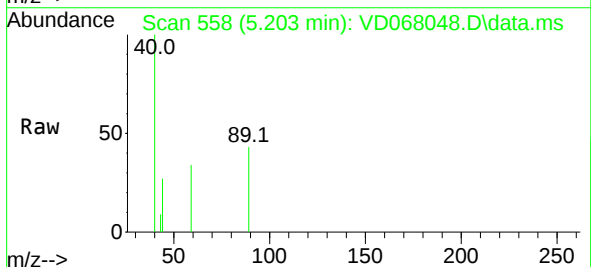


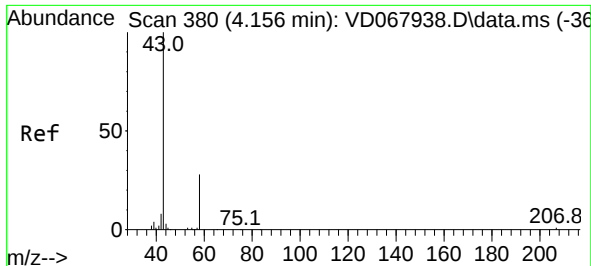
Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 19.5 34.4 51.6#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.023 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

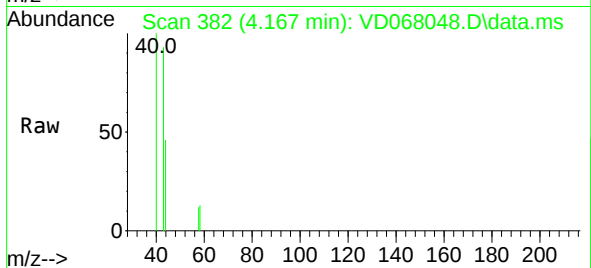
Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



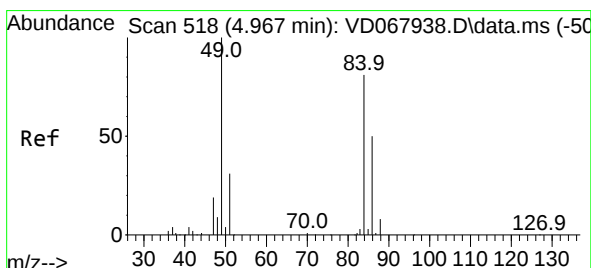
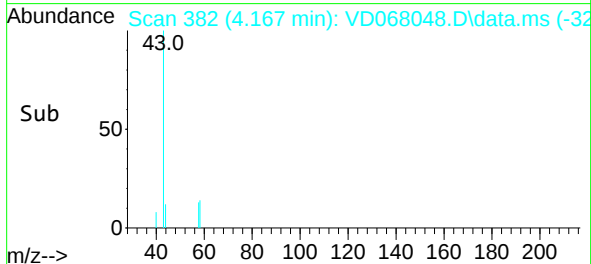
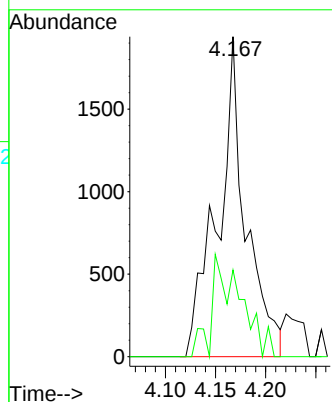


#16
Acetone
Concen: 7.37 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Instrument :
MSVOA_D
ClientSampled :
BALL-1

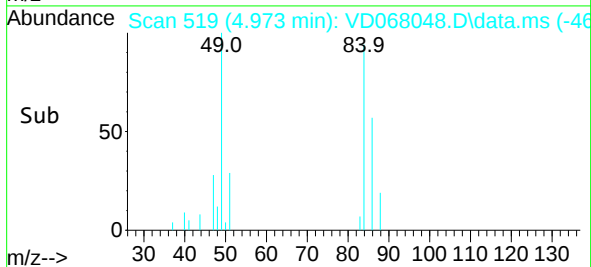
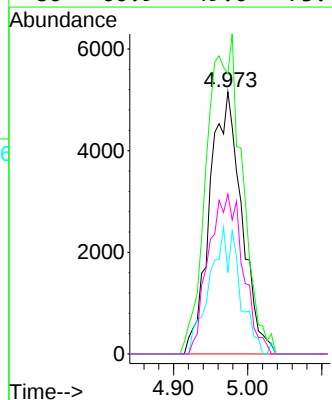
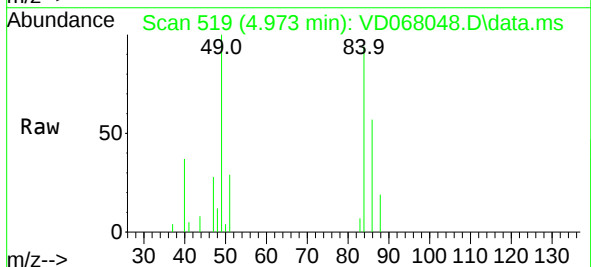


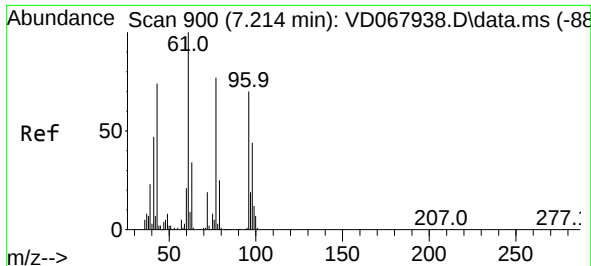
Tgt Ion: 43 Resp: 3776
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion: 84 Resp: 15409
Ion Ratio Lower Upper
84 100
49 106.9 98.3 147.5
51 31.1 30.3 45.5
86 60.9 49.0 73.4

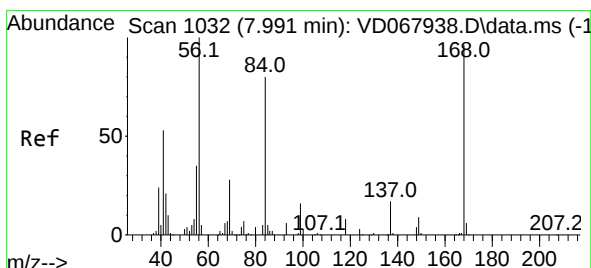
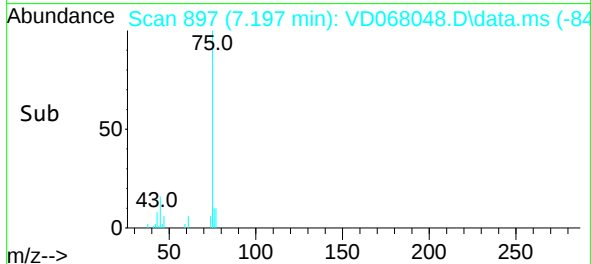
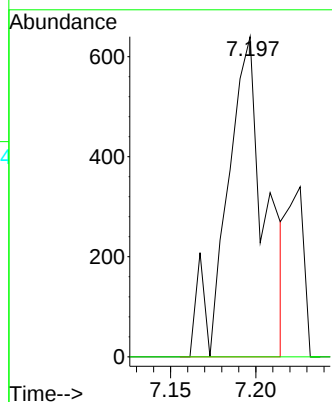
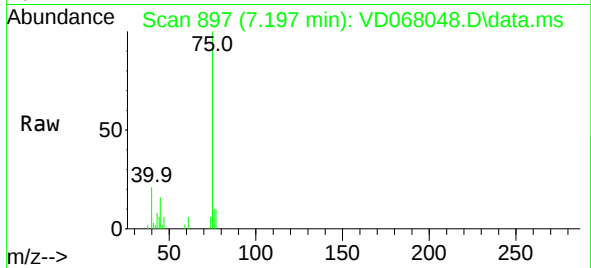




#25
2-Butanone
Concen: 1.32 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

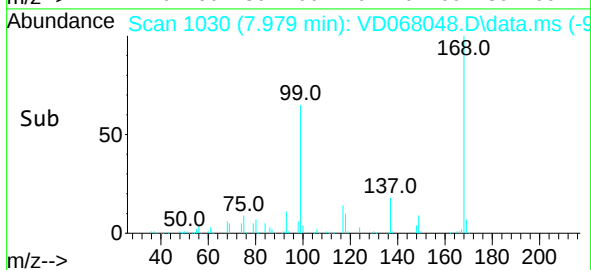
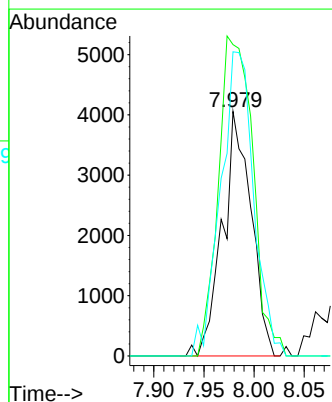
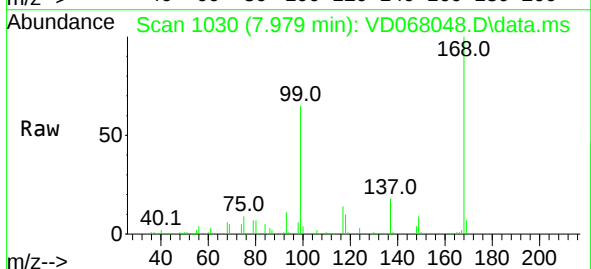
Instrument :
MSVOA_D
ClientSampled :
BALL-1

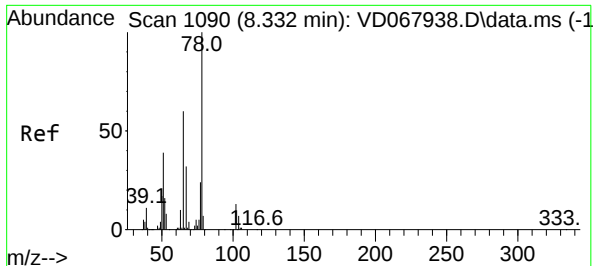
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion: 56 Resp: 8038
Ion Ratio Lower Upper
56 100
69 127.3 22.7 34.1#
84 124.4 64.2 96.4#

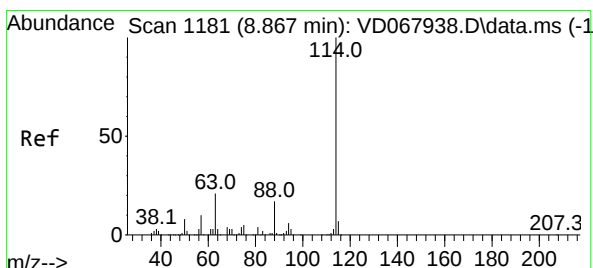
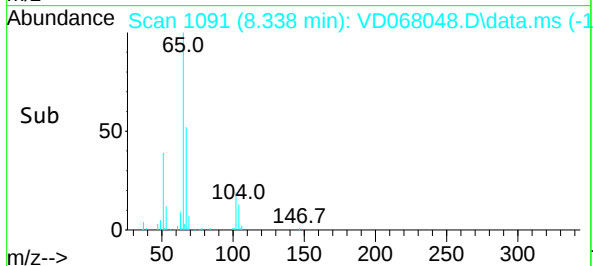
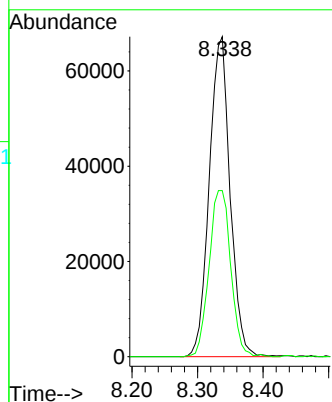
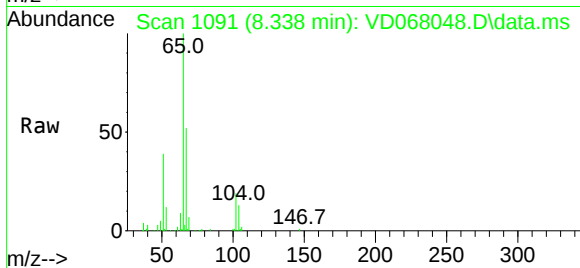




#33
1,2-Dichloroethane-d4
Concen: 55.15 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

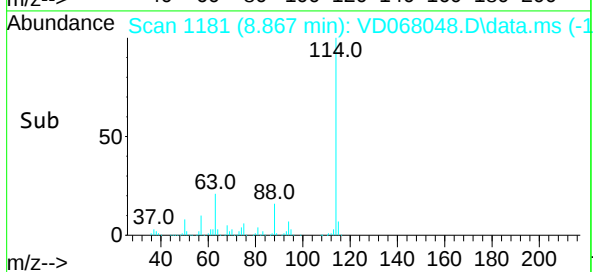
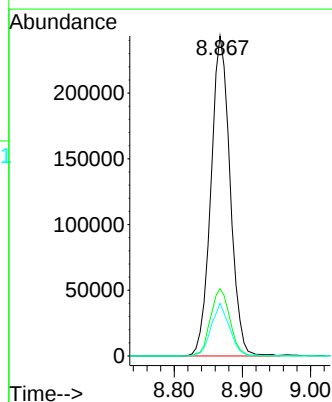
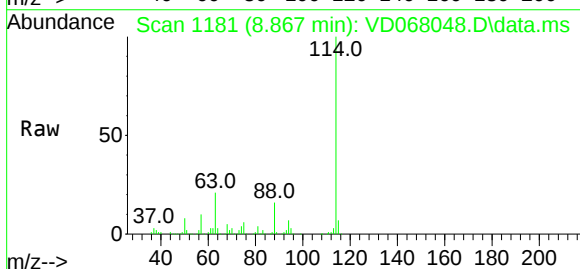
Instrument :
MSVOA_D
ClientSampled :
BALL-1

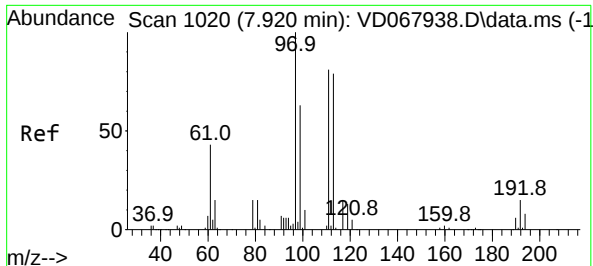
Tgt Ion: 65 Resp: 147984
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion: 114 Resp: 475915
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.4
88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.64 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068048.D

Acq: 08 Jan 2021 14:49

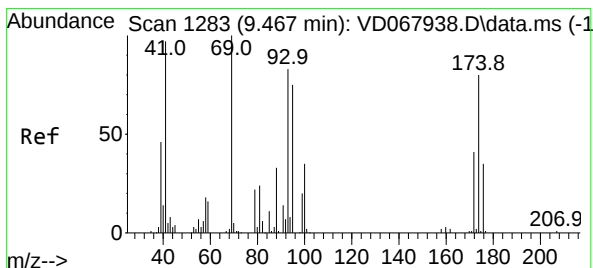
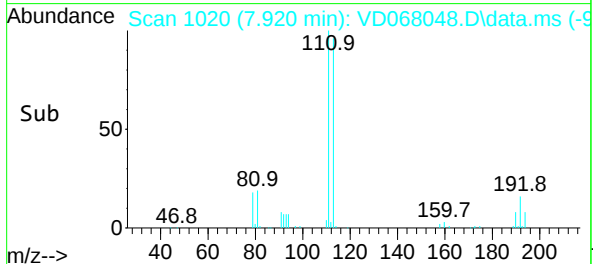
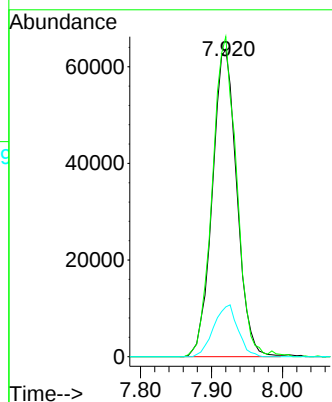
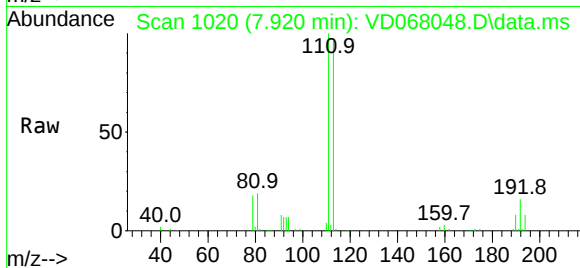
Instrument :

MSVOA_D

ClientSampleId :

BALL-1

Tgt Ion:	113	Resp:	151846
Ion	Ratio	Lower	Upper
113	100		
111	102.7	79.3	118.9
192	16.6	14.5	21.7



#49

1,4-Dioxane

Concen: 6.56 ug/l

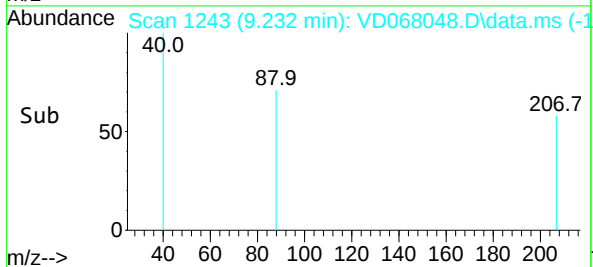
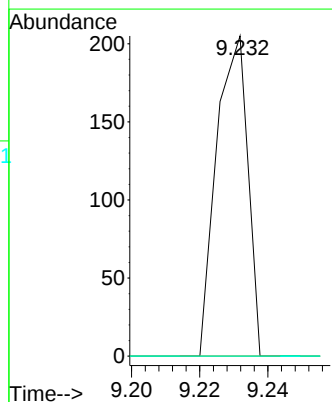
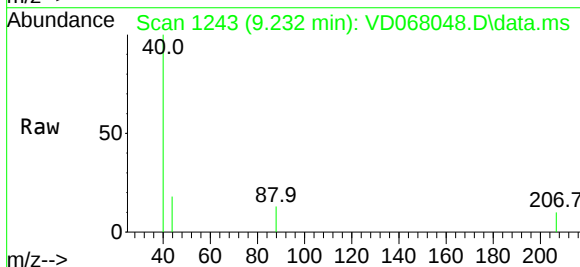
RT: 9.232 min Scan# 1243

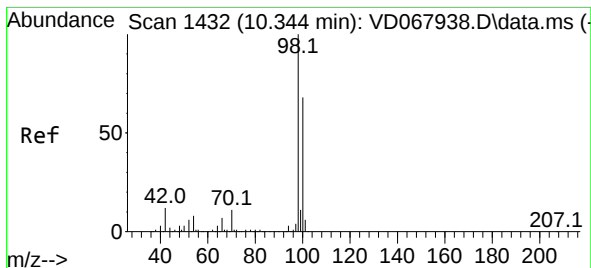
Delta R.T. -0.235 min

Lab File: VD068048.D

Acq: 08 Jan 2021 14:49

Tgt Ion:	88	Resp:	130
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	0.0	54.8	82.2#

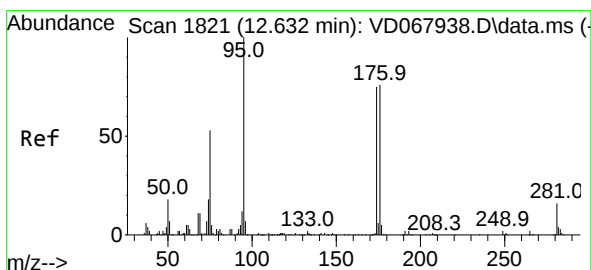
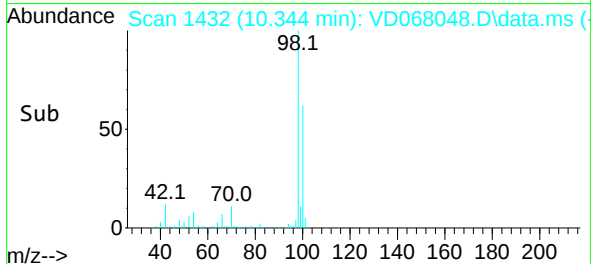
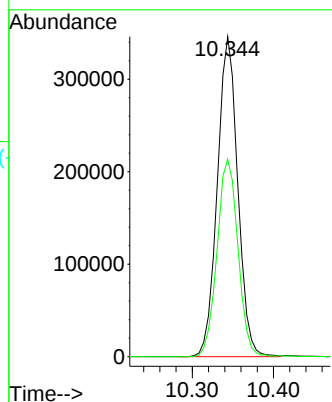
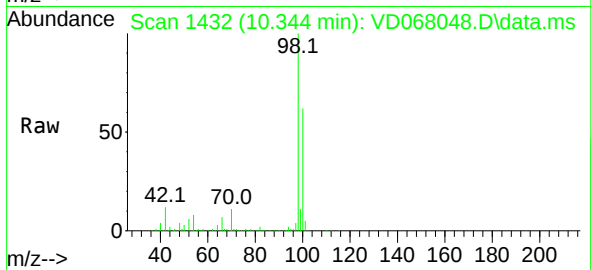




#50
Toluene-d8
Concen: 53.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

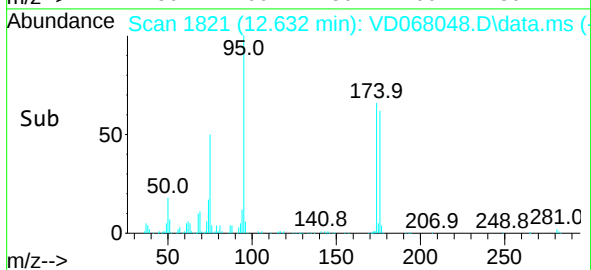
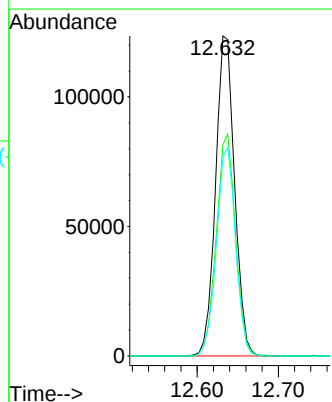
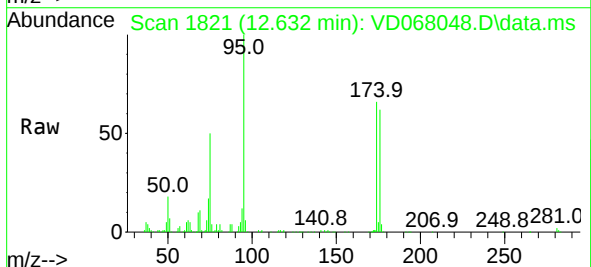
Instrument :
MSVOA_D
ClientSampled :
BALL-1

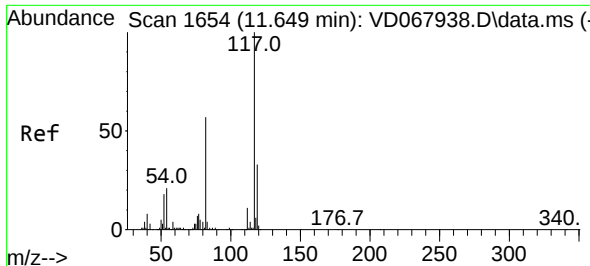
Tgt Ion: 98 Resp: 605340
Ion Ratio Lower Upper
98 100
100 63.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion: 95 Resp: 201065
Ion Ratio Lower Upper
95 100
174 70.3 0.0 150.6
176 65.5 0.0 151.2

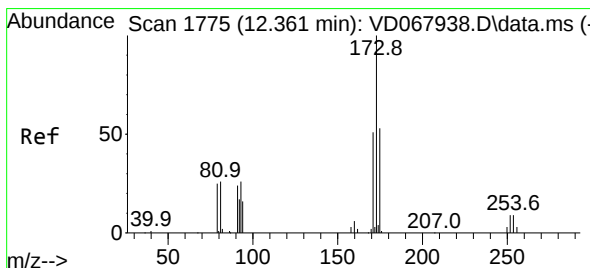
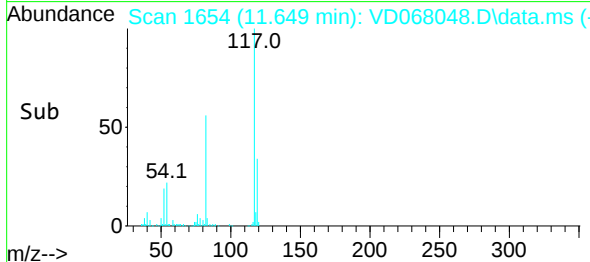
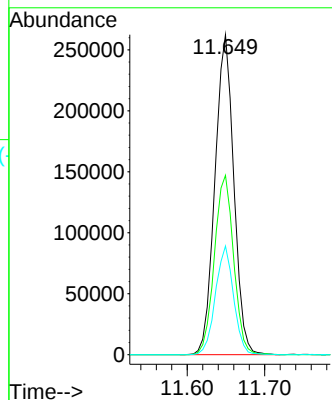
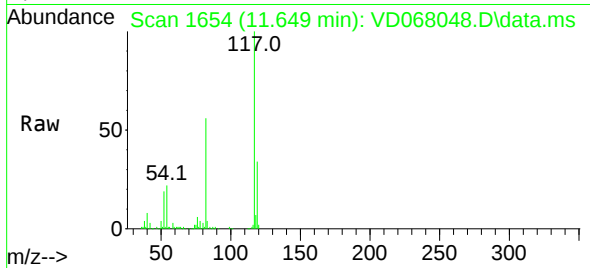




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

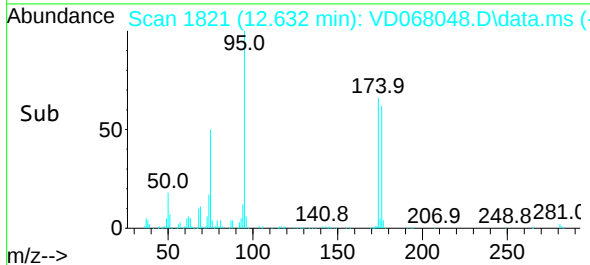
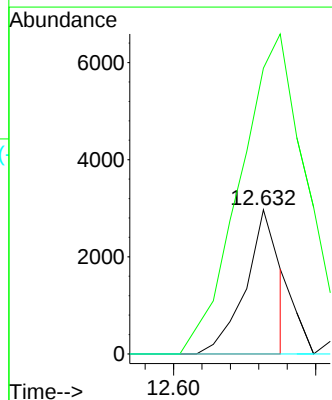
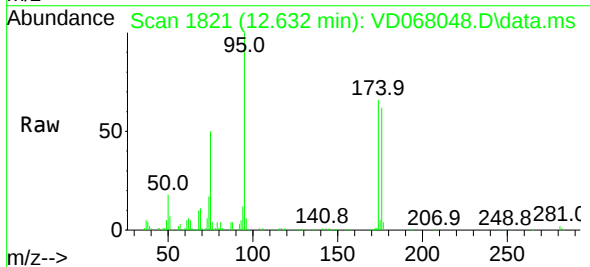
Instrument :
MSVOA_D
ClientSampled :
BALL-1

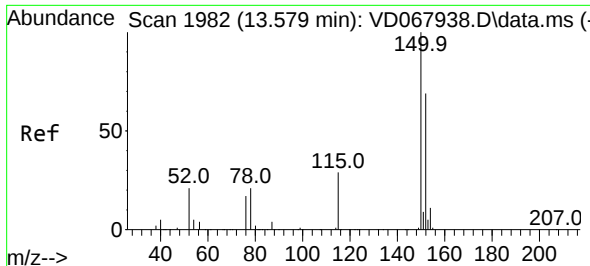
Tgt Ion:117 Resp: 443887
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 34.0 26.7 40.1



#71
Bromoform
Concen: 1.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion:173 Resp: 2442
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

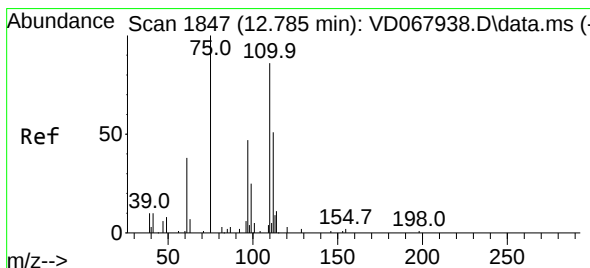
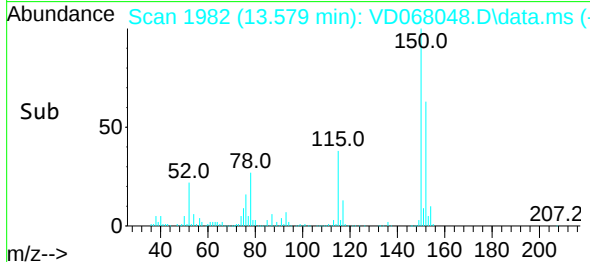
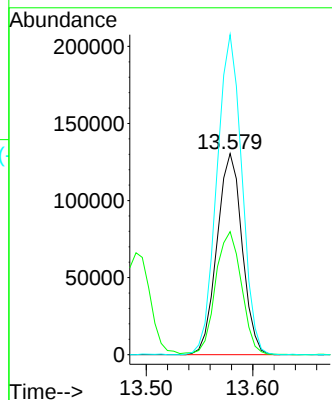
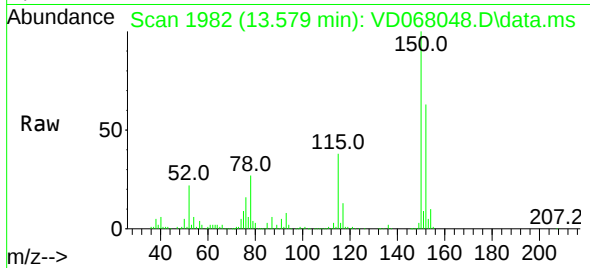




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

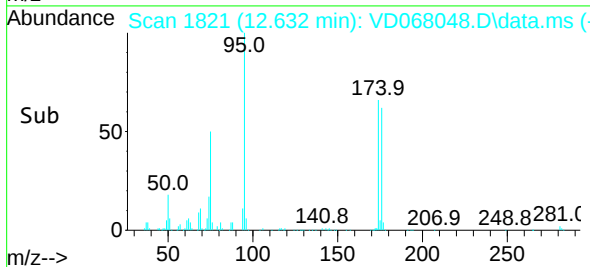
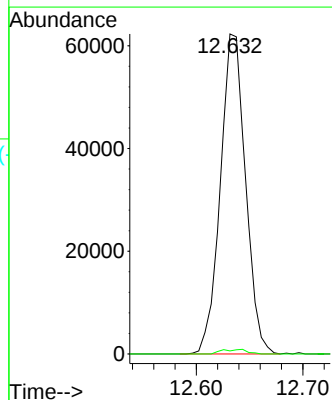
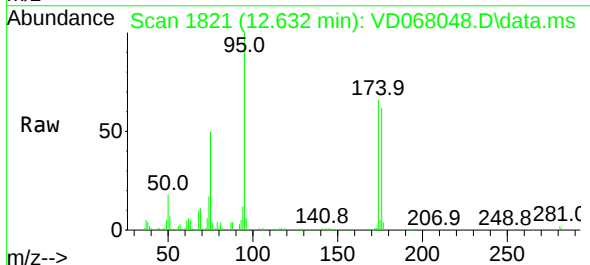
Instrument :
MSVOA_D
ClientSampled :
BALL-1

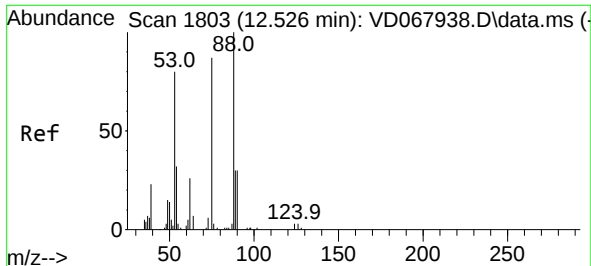
Tgt Ion:152 Resp: 213698
Ion Ratio Lower Upper
152 100
115 63.2 29.3 88.0
150 158.4 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 56.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

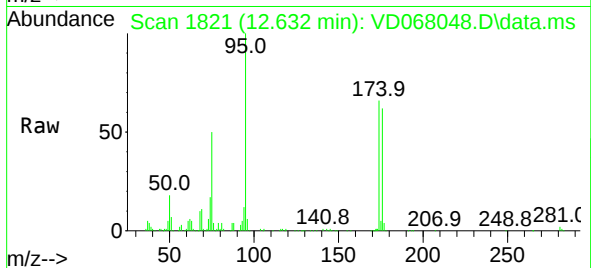
Tgt Ion: 75 Resp: 102177
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



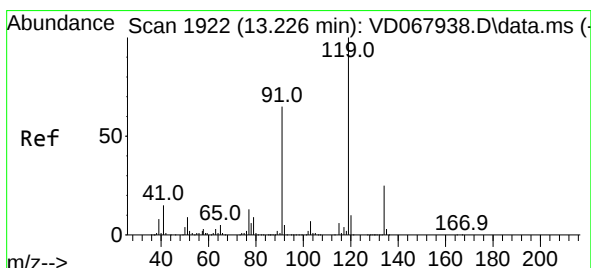
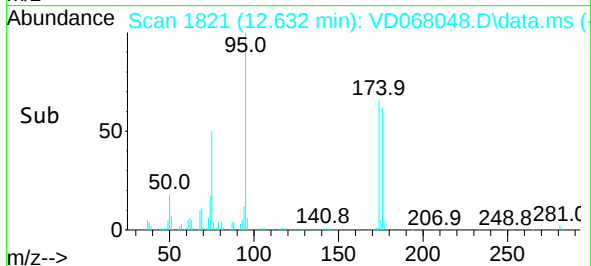
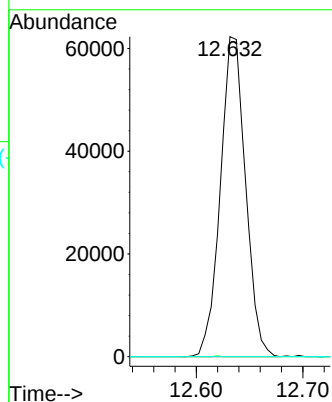


#81
trans-1,4-Dichloro-2-butene
Concen: 116.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Instrument :
MSVOA_D
ClientSampled :
BALL-1

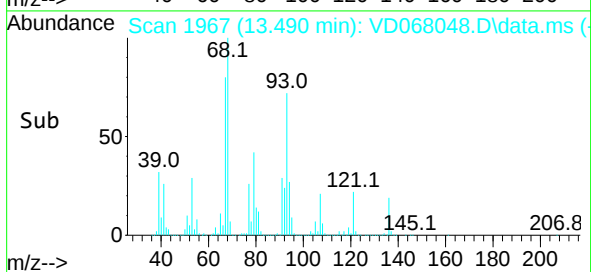
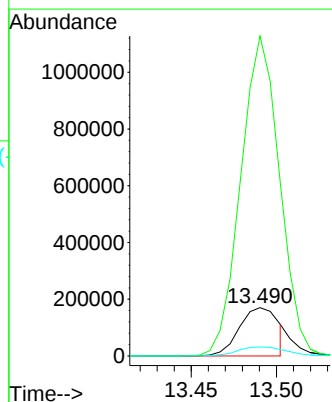
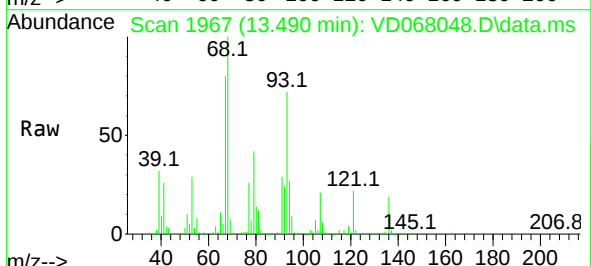


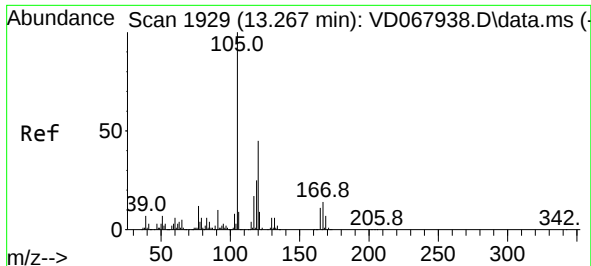
Tgt Ion: 75 Resp: 102177
Ion Ratio Lower Upper
75 100
53 0.0 74.9 112.3#
89 0.0 33.8 50.8#



#83
tert-Butylbenzene
Concen: 24.81 ug/l
RT: 13.490 min Scan# 1967
Delta R.T. 0.265 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

Tgt Ion: 119 Resp: 268856
Ion Ratio Lower Upper
119 100
91 610.7 32.7 98.1#
134 20.1 13.3 39.8

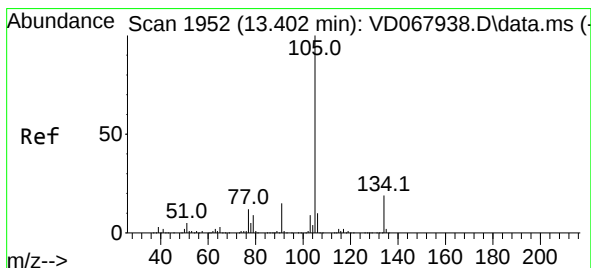
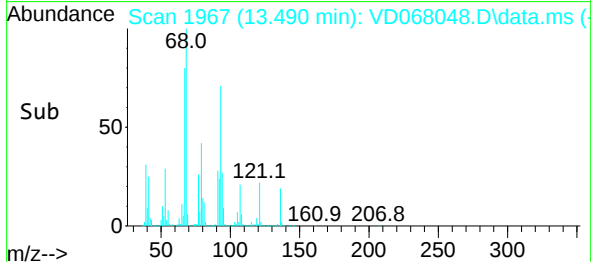
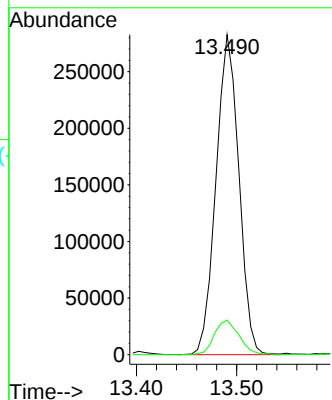
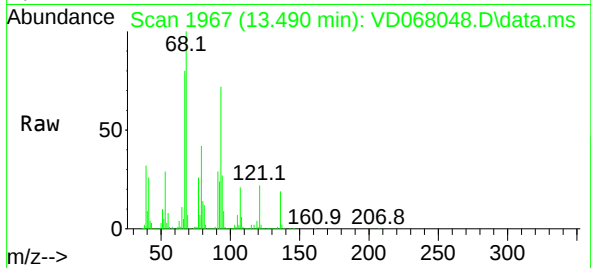




#84
1,2,4-Trimethylbenzene
Concen: 33.86 ug/l
RT: 13.490 min Scan# 1967
Delta R.T. 0.224 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

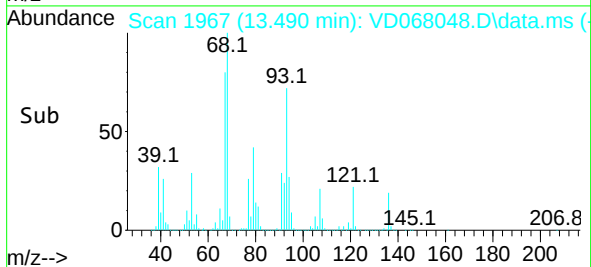
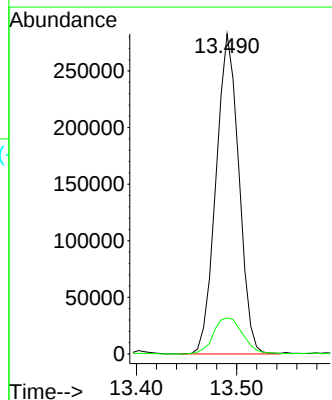
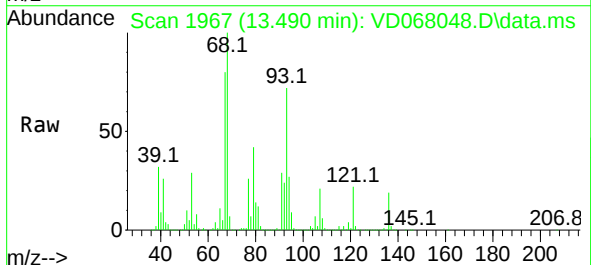
Instrument :
MSVOA_D
ClientSampled :
BALL-1

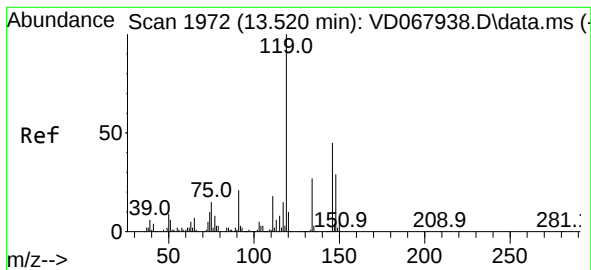
Tgt Ion:105 Resp: 447304
Ion Ratio Lower Upper
105 100
120 11.7 22.7 68.0#



#85
sec-Butylbenzene
Concen: 28.21 ug/l
RT: 13.490 min Scan# 1967
Delta R.T. 0.088 min
Lab File: VD068048.D
Acq: 08 Jan 2021 14:49

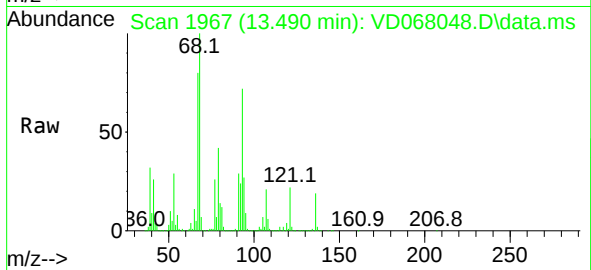
Tgt Ion:105 Resp: 447304
Ion Ratio Lower Upper
105 100
134 14.5 9.7 29.1





#86
 p-Isopropyltoluene
 Concen: 22.29 ug/l
 RT: 13.490 min Scan# 1967
 Delta R.T. -0.029 min
 Lab File: VD068048.D
 Acq: 08 Jan 2021 14:49

Instrument :
 MSVOA_D
 ClientSampleId :
 BALL-1



Tgt Ion:119 Resp: 310975
 Ion Ratio Lower Upper
 119 100
 134 20.9 13.3 39.9
 91 577.0 11.4 34.2#

