

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069173.D
 Acq On : 14 May 2021 13:34
 Operator : VA/SY
 Sample : M2389-03
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BURNETT-AVE-4-6

Quant Time: May 15 02:33:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

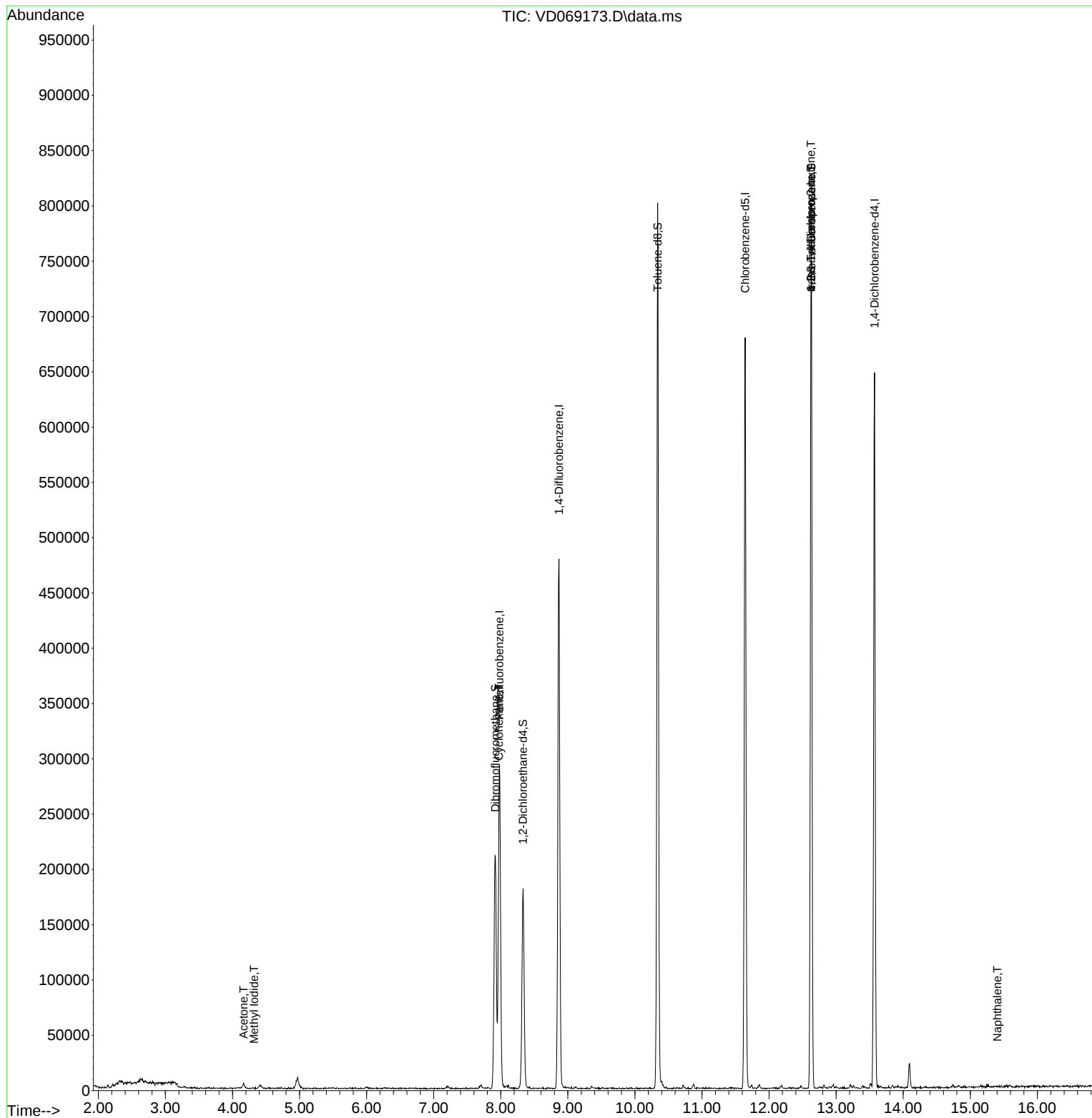
Internal Standards						
1) Pentafluorobenzene	7.979	168	216519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	422875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	406244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	172832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141328	65.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.22%
35) Dibromofluoromethane	7.920	113	153548	55.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.60%
50) Toluene-d8	10.338	98	540607	53.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.92%
62) 4-Bromofluorobenzene	12.632	95	165608	50.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.80%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	549	1.14	ug/l #	61
11) Tert butyl alcohol	5.197	59	54	Below Cal	#	73
16) Acetone	4.167	43	6335	19.06	ug/l #	82
20) Methylene Chloride	4.973	84	7329	Below Cal	#	87
31) Cyclohexane	7.973	56	4917	1.53	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	88624	68.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	88624	137.79	ug/l #	14
95) Naphthalene	15.402	128	912	2.20	ug/l #	81

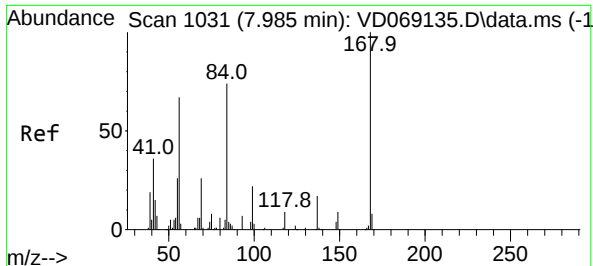
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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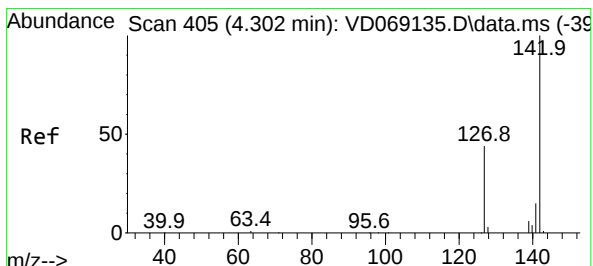
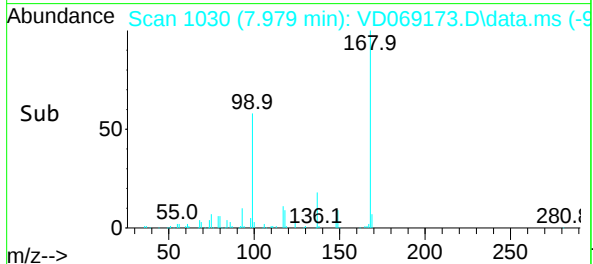
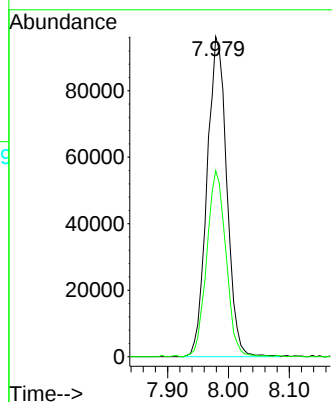
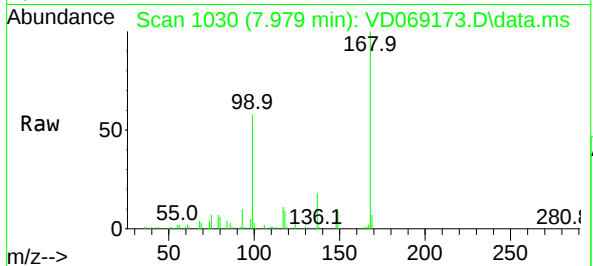




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

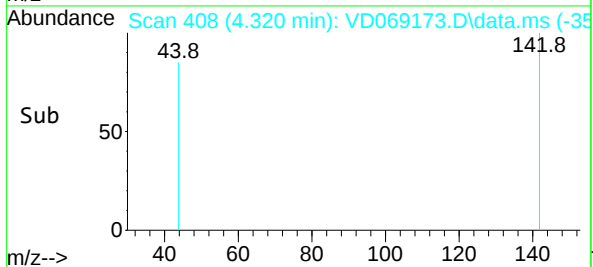
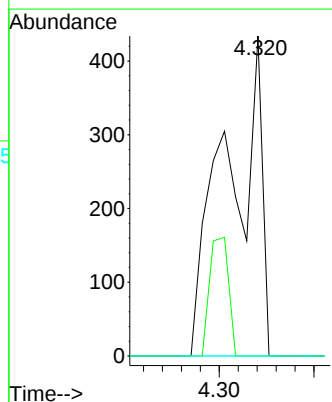
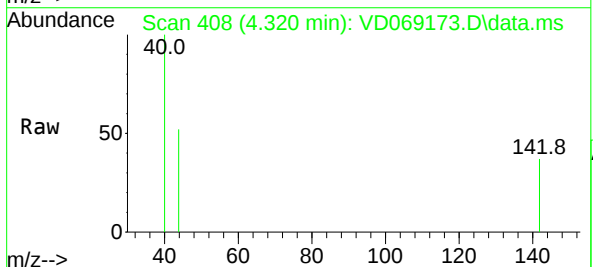
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-4-6

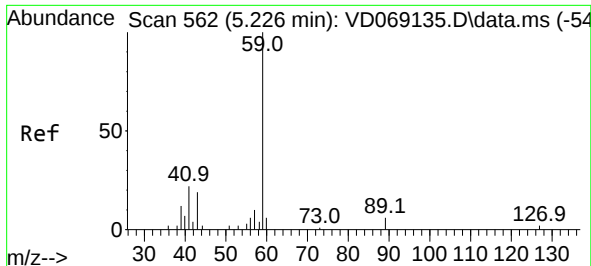
Tgt Ion:168 Resp: 216519
Ion Ratio Lower Upper
168 100
99 58.1 47.2 70.8



#10
Methyl Iodide
Concen: 1.14 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
127 20.4 37.3 55.9#
141 0.0 12.2 18.4#

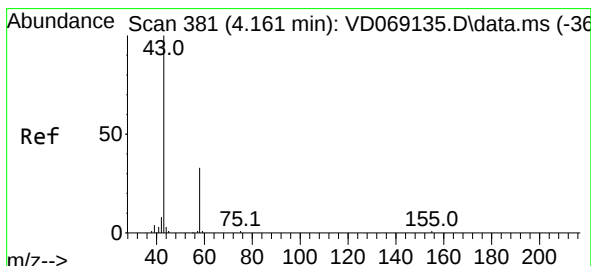
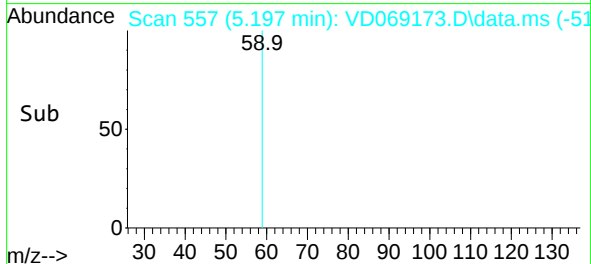
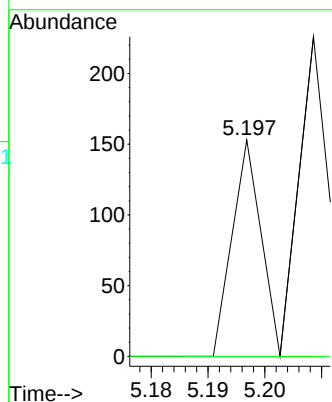
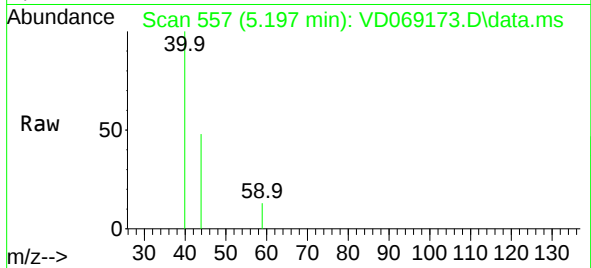




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

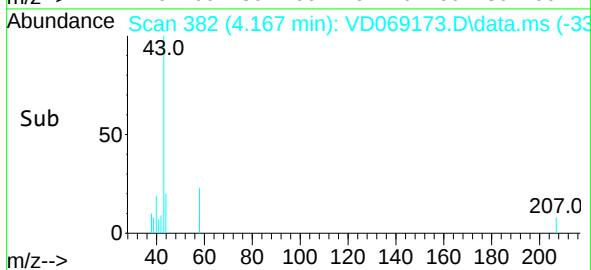
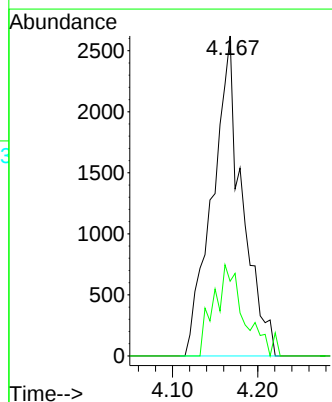
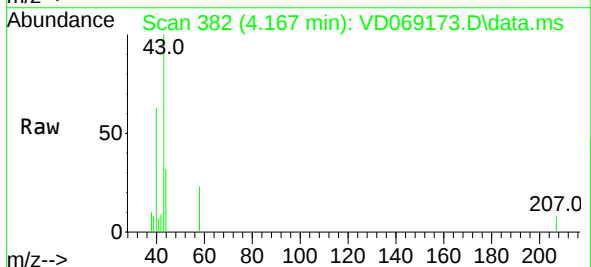
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-4-6

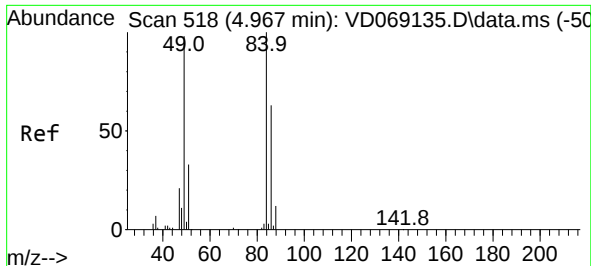
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 19.06 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion: 43 Resp: 6335
Ion Ratio Lower Upper
43 100
58 23.3 26.7 40.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD069173.D

Acq: 14 May 2021 13:34

Tgt Ion: 84 Resp: 7329

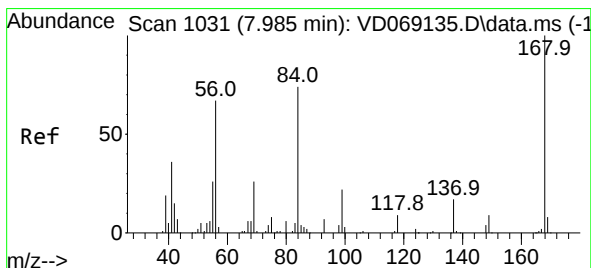
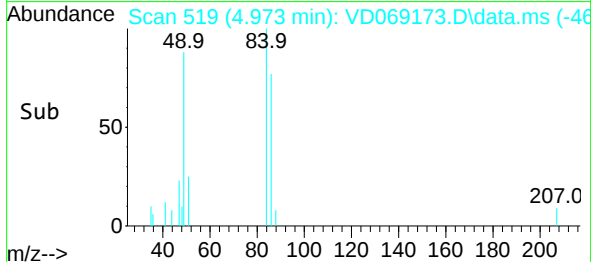
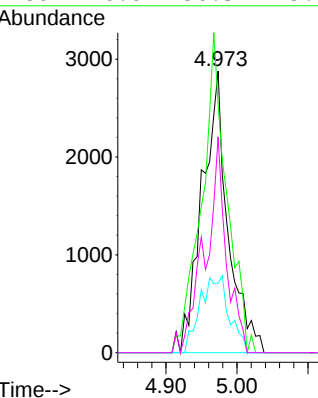
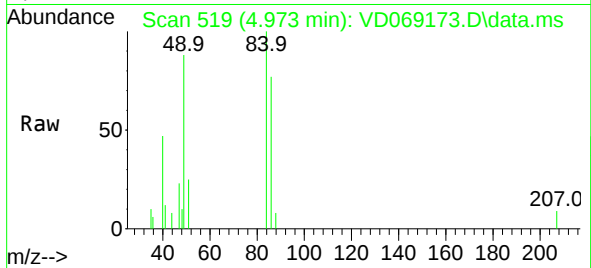
Ion Ratio Lower Upper

84 100

49 88.2 78.6 117.8

51 24.7 26.7 40.1#

86 76.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.011 min

Lab File: VD069173.D

Acq: 14 May 2021 13:34

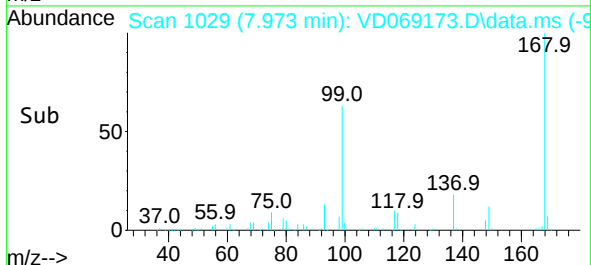
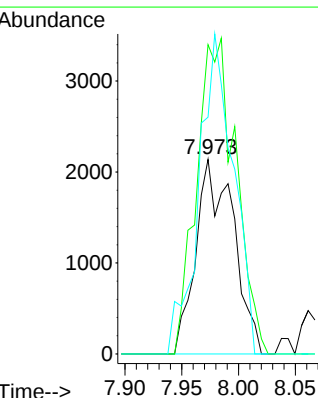
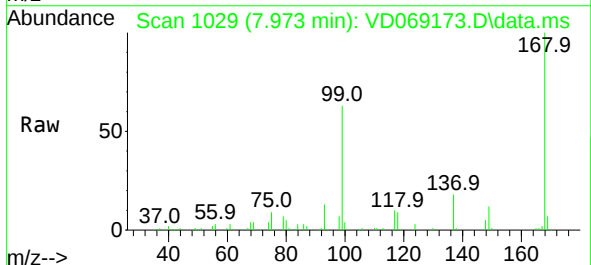
Tgt Ion: 56 Resp: 4917

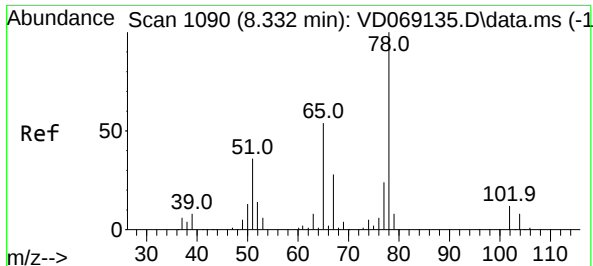
Ion Ratio Lower Upper

56 100

69 159.0 30.6 46.0#

84 121.7 88.0 132.0

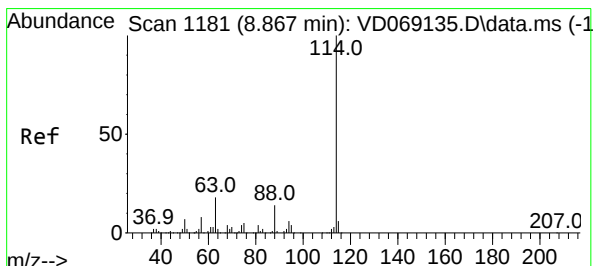
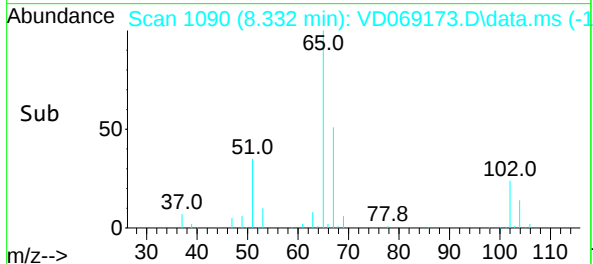
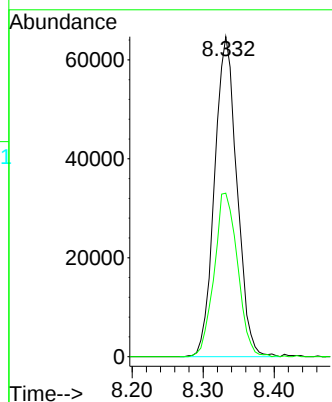
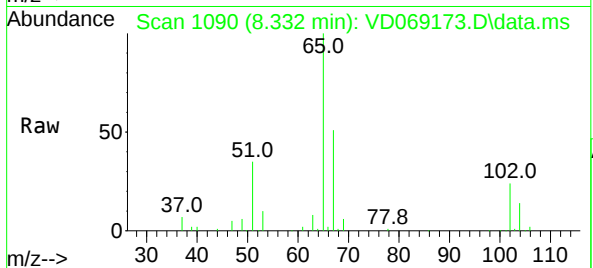




#33
1,2-Dichloroethane-d4
Concen: 65.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

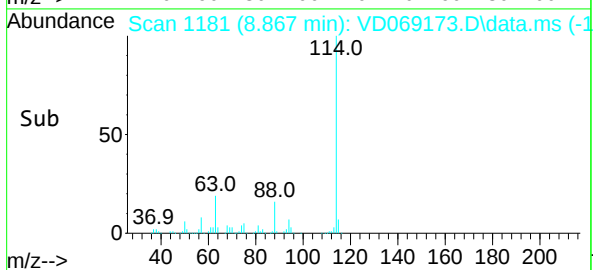
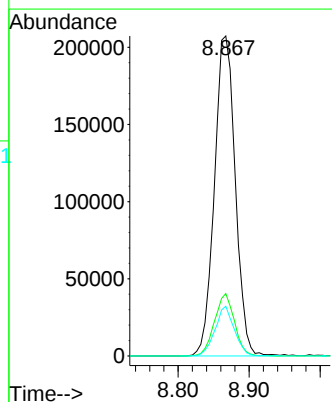
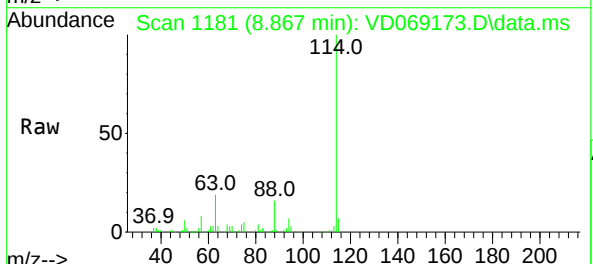
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-4-6

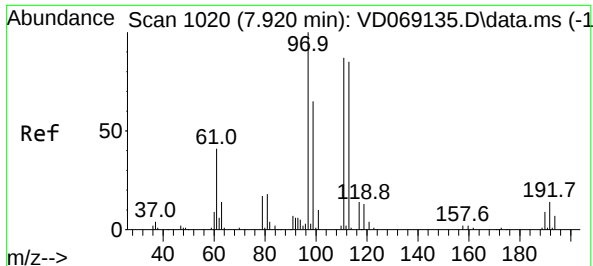
Tgt Ion: 65 Resp: 141328
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion: 114 Resp: 422875
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.80 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069173.D

Acq: 14 May 2021 13:34

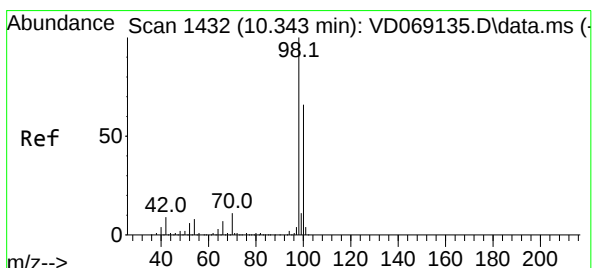
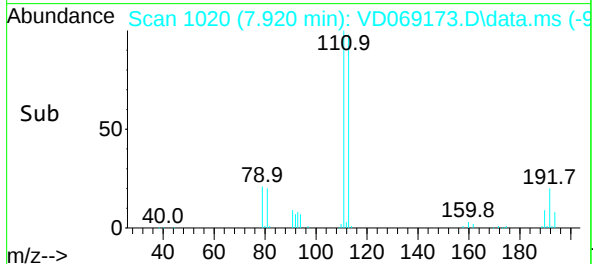
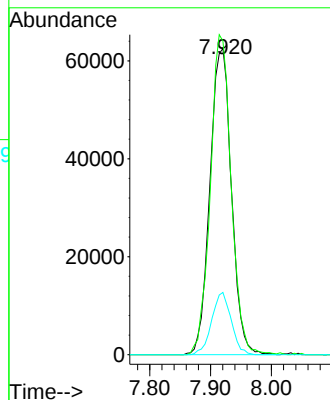
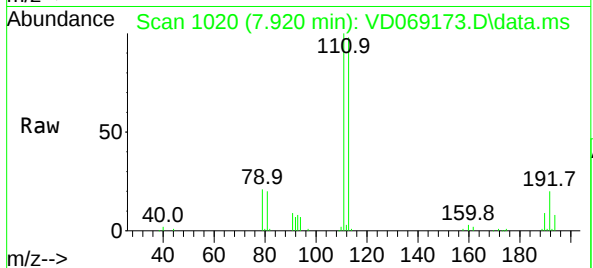
Tgt Ion:113 Resp: 153548

Ion Ratio Lower Upper

113 100

111 101.2 80.6 120.8

192 18.4 14.8 22.2



#50

Toluene-d8

Concen: 53.46 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069173.D

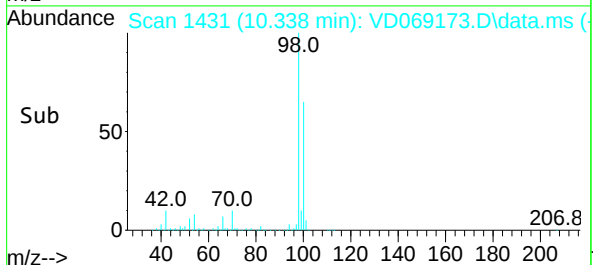
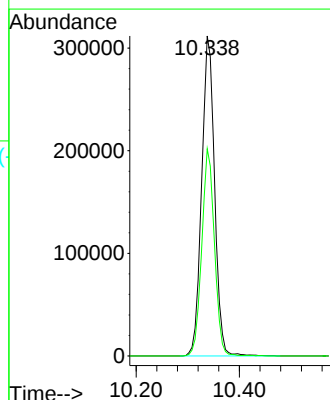
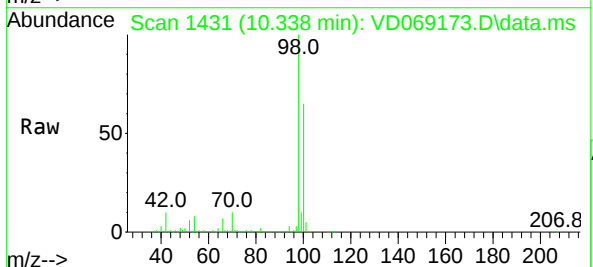
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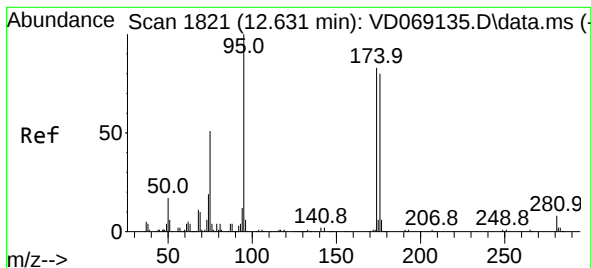
Tgt Ion: 98 Resp: 540607

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8

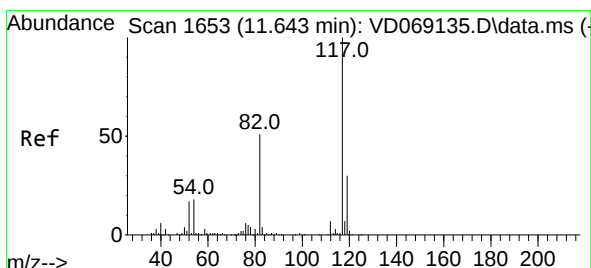
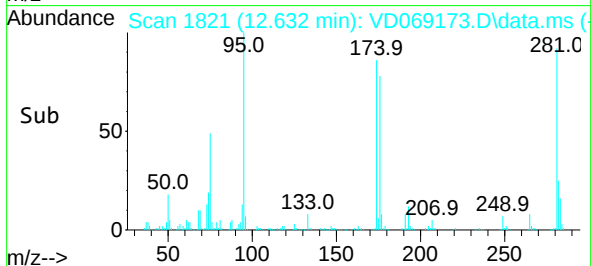
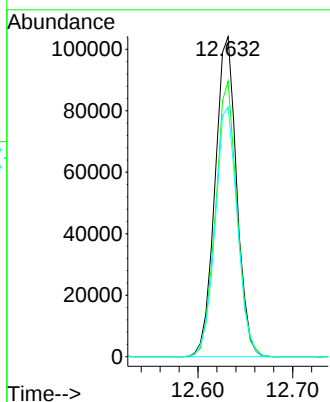
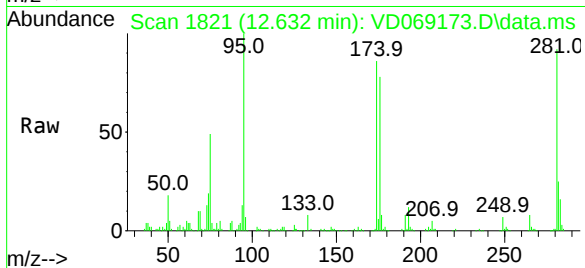




#62
4-Bromofluorobenzene
Concen: 50.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

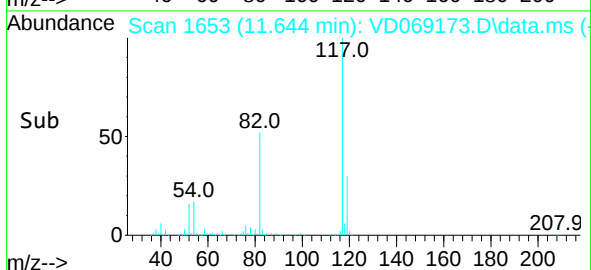
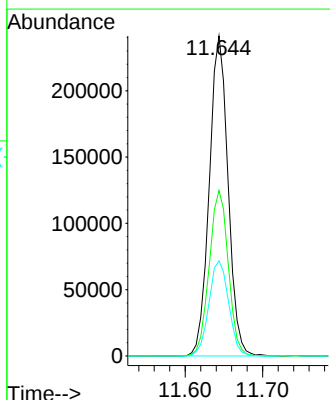
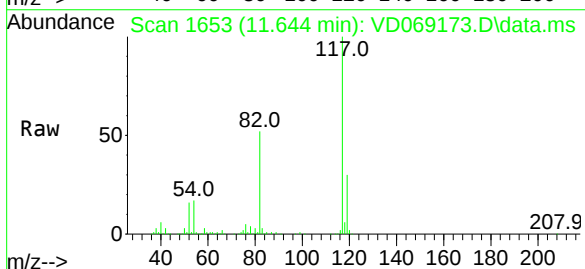
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BURNETT-AVE-4-6

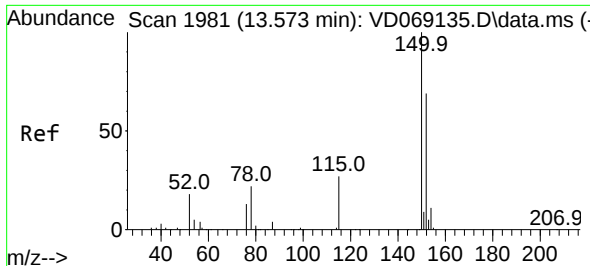
Tgt Ion: 95 Resp: 165608
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.8
176 80.1 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion: 117 Resp: 406244
Ion Ratio Lower Upper
117 100
82 51.7 40.5 60.7
119 29.7 24.2 36.4

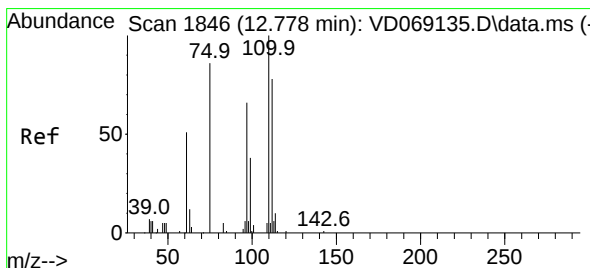
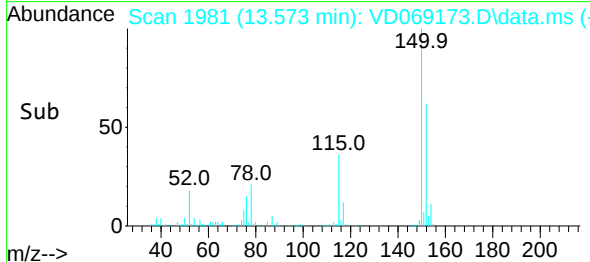
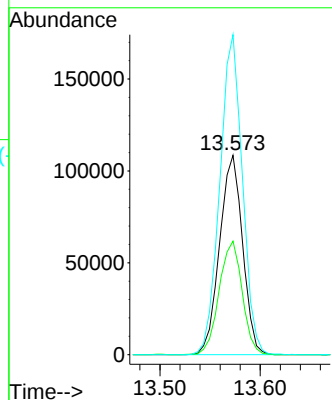
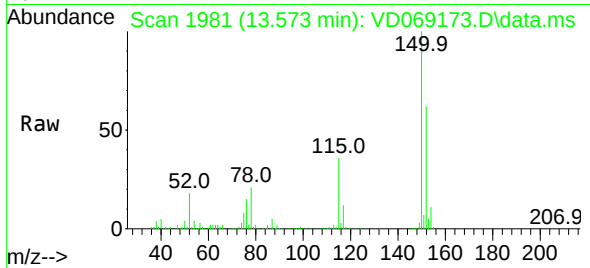




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

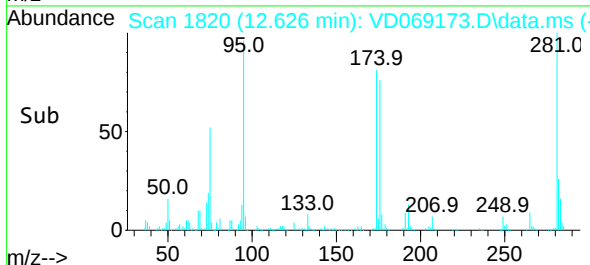
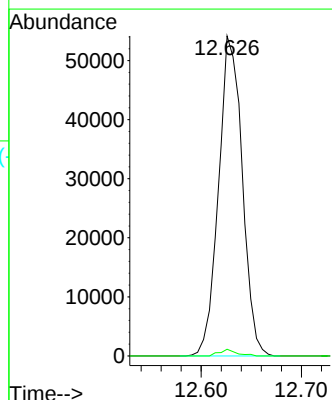
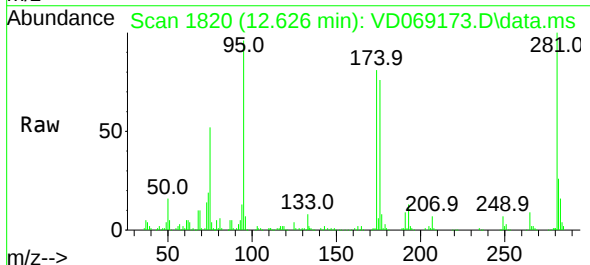
Instrument :
MSVOA_D
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BURNETT-AVE-4-6

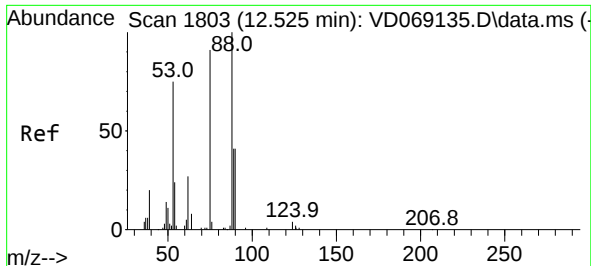
Tgt Ion:152 Resp: 172832
Ion Ratio Lower Upper
152 100
115 57.0 29.9 89.8
150 157.3 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 68.21 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion: 75 Resp: 88624
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

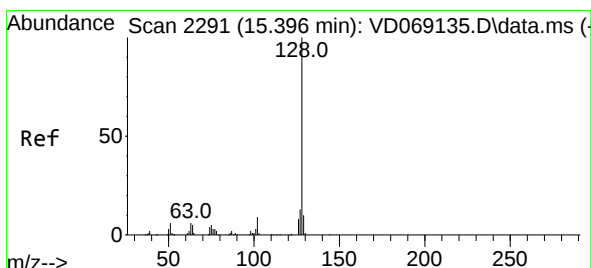
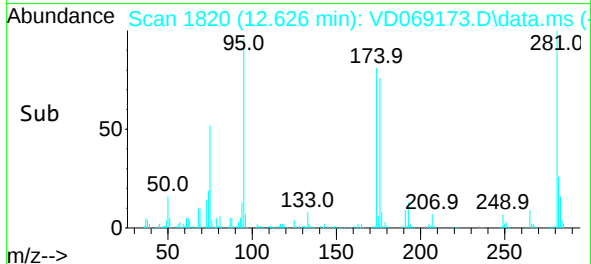
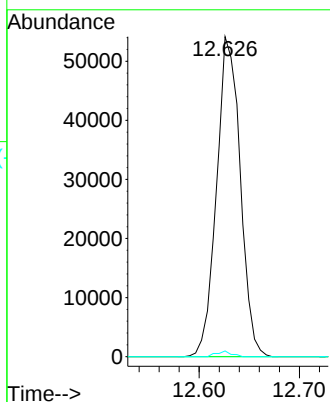
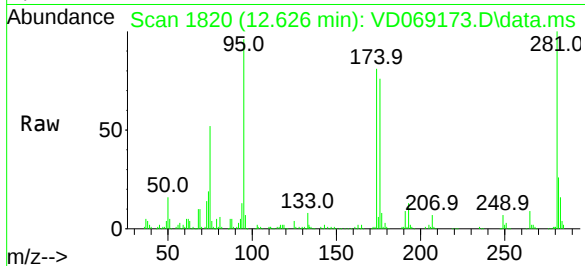




#81
trans-1,4-Dichloro-2-butene
Concen: 137.79 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-4-6

Tgt Ion: 75 Resp: 88624
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 1.1 40.2 60.2#



#95
Naphthalene
Concen: 2.20 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069173.D
Acq: 14 May 2021 13:34

Tgt Ion:128 Resp: 912
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 9.8 8.9 13.3

