

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069172.D
 Acq On : 14 May 2021 13:06
 Operator : VA/SY
 Sample : M2389-01
 Misc : 7.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BURNETT-AVE-1-3

Quant Time: May 15 02:33:23 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)

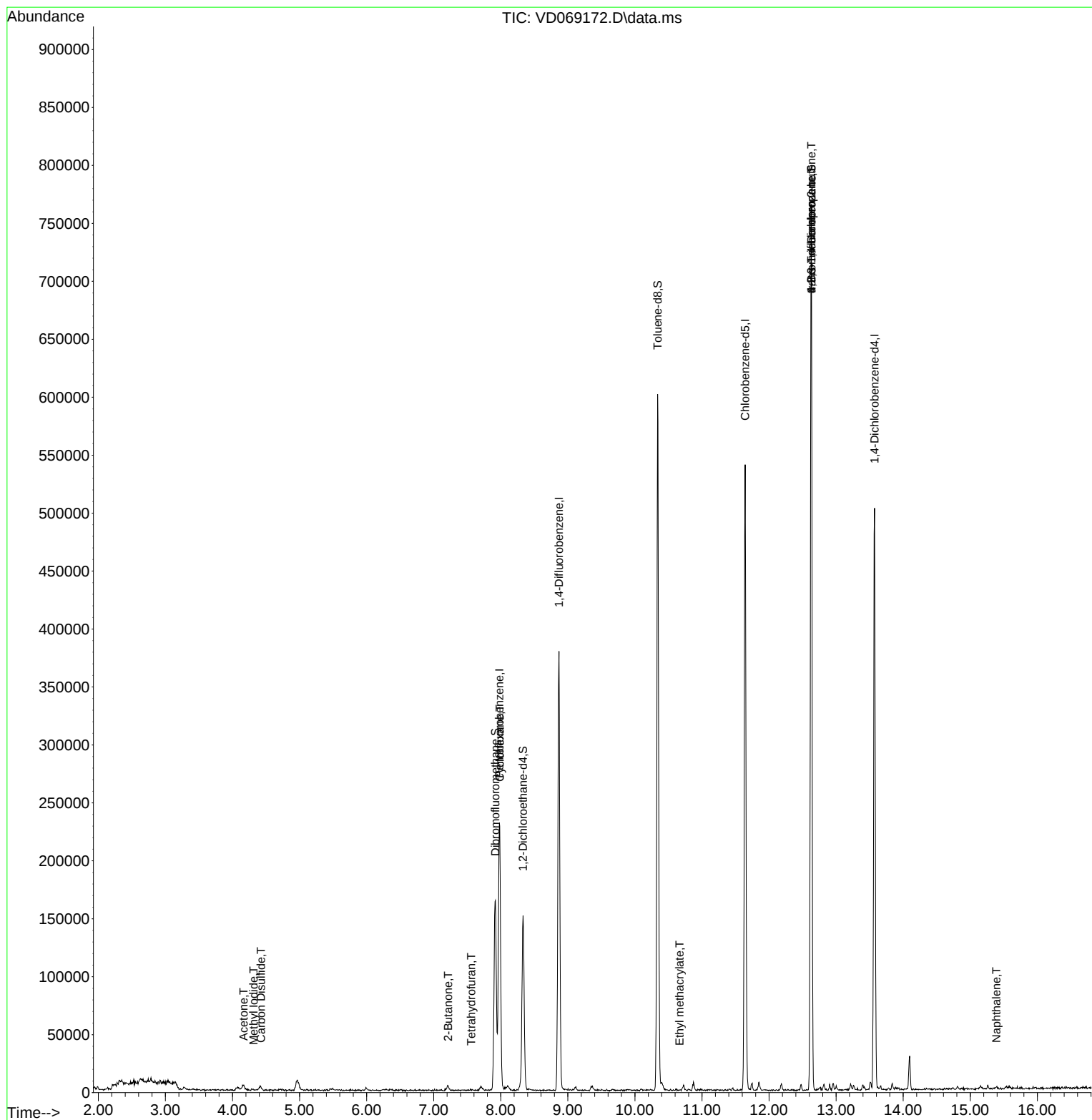
Internal Standards						
1) Pentafluorobenzene	7.979	168	170105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	327950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	314351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	136758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118350	69.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.80%
35) Dibromofluoromethane	7.920	113	122766	57.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.04%
50) Toluene-d8	10.338	98	410552	52.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.70%
62) 4-Bromofluorobenzene	12.632	95	132524	52.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.04%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	644	1.24	ug/l #	59
16) Acetone	4.167	43	7215	27.62	ug/l	94
17) Carbon Disulfide	4.426	76	6891	1.22	ug/l #	73
20) Methylene Chloride	4.956	84	7767	Below	Cal #	74
25) 2-Butanone	7.214	43	723	2.04	ug/l #	38
29) Tetrahydrofuran	7.561	42	251	1.30	ug/l #	24
31) Cyclohexane	7.985	56	4970	1.97	ug/l #	44
56) Ethyl methacrylate	10.667	69	344	1.49	ug/l #	32
76) 1,2,3-Trichloropropane	12.632	75	68388	66.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	68388	134.37	ug/l #	14
95) Naphthalene	15.390	128	2042	2.48	ug/l #	83

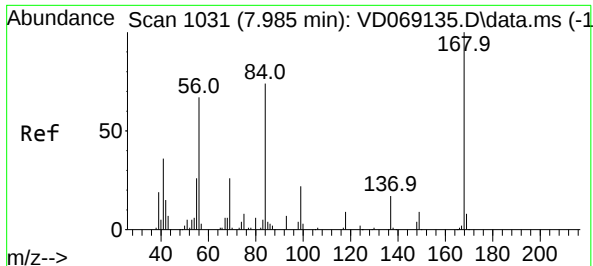
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BURNETT-AVE-1-3

Quant Time: May 15 02:33:23 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

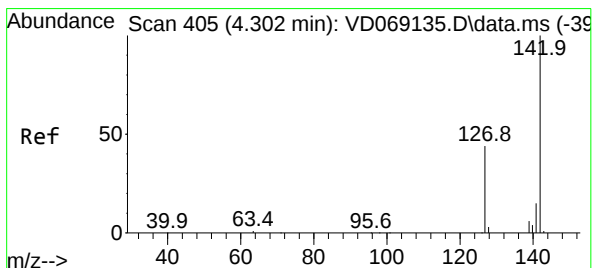
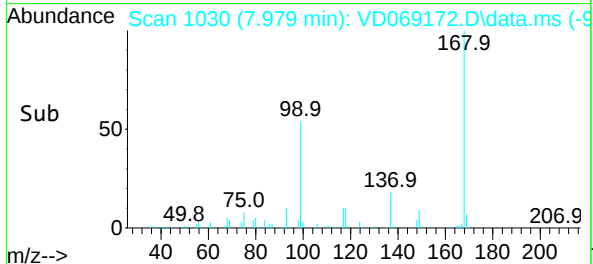
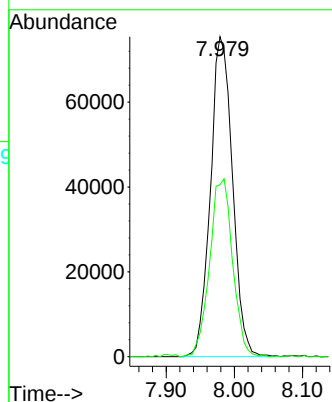
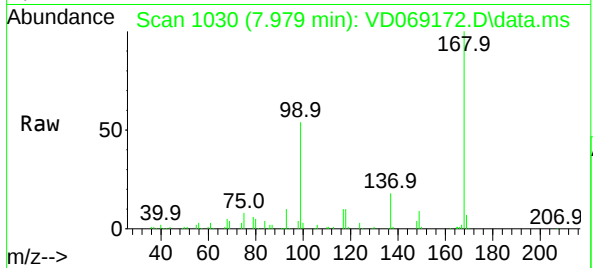




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

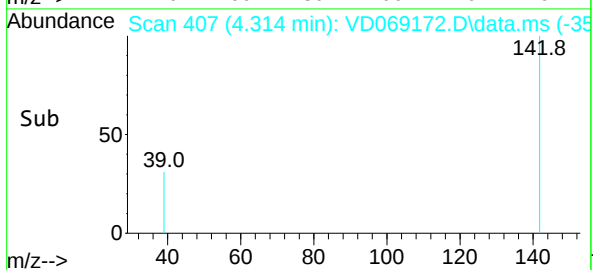
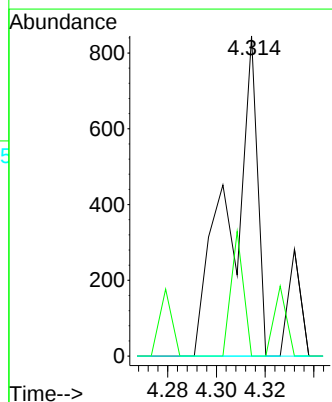
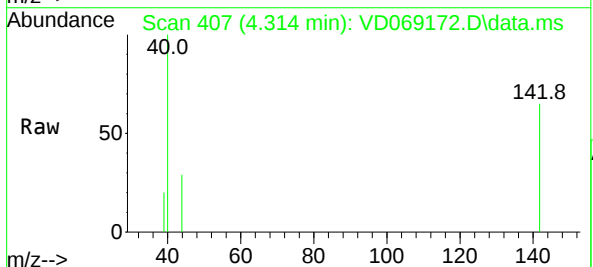
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

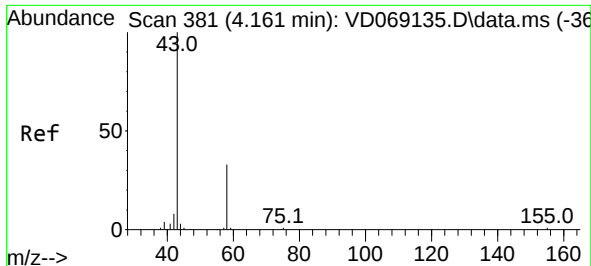
Tgt Ion:168 Resp: 170105
Ion Ratio Lower Upper
168 100
99 53.8 47.2 70.8



#10
Methyl Iodide
Concen: 1.24 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Tgt Ion:142 Resp: 644
Ion Ratio Lower Upper
142 100
127 18.0 37.3 55.9#
141 0.0 12.2 18.4#

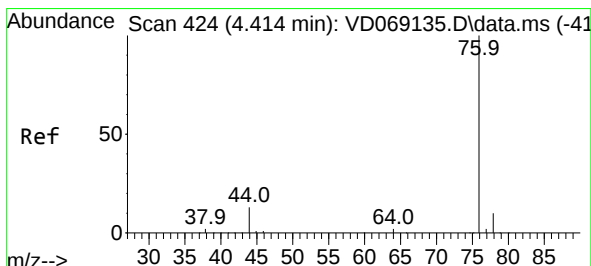
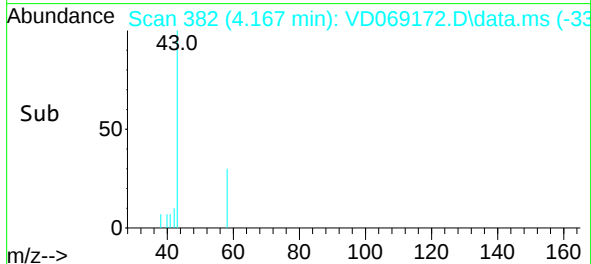
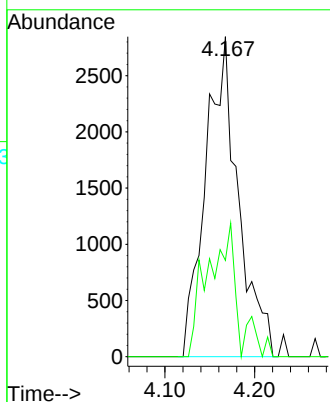
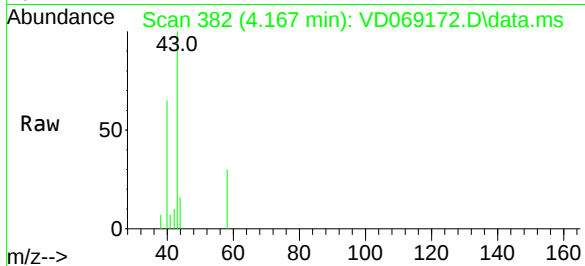




#16
Acetone
Concen: 27.62 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

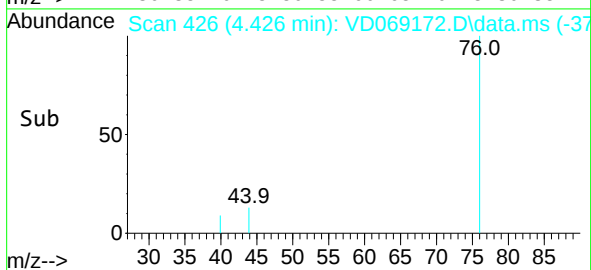
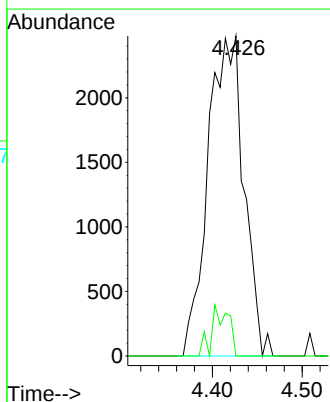
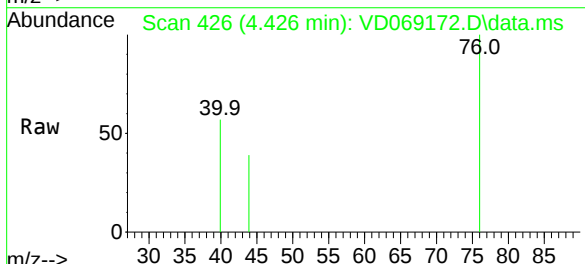
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

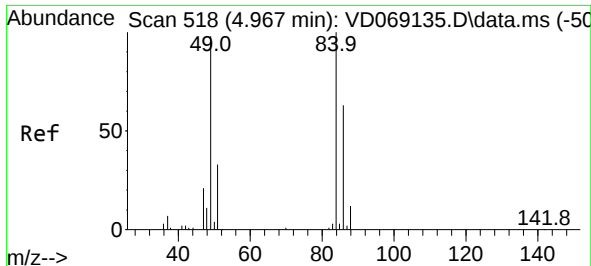
Tgt Ion: 43 Resp: 7215
Ion Ratio Lower Upper
43 100
58 30.1 26.7 40.1



#17
Carbon Disulfide
Concen: 1.22 ug/l
RT: 4.426 min Scan# 426
Delta R.T. 0.012 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

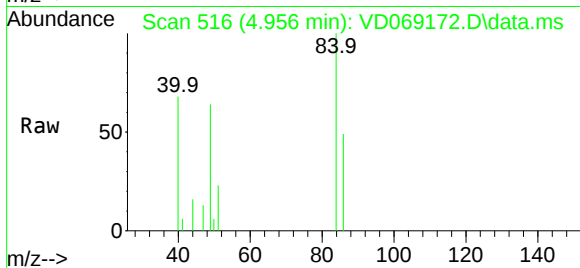
Tgt Ion: 76 Resp: 6891
Ion Ratio Lower Upper
76 100
78 0.0 8.1 12.1#



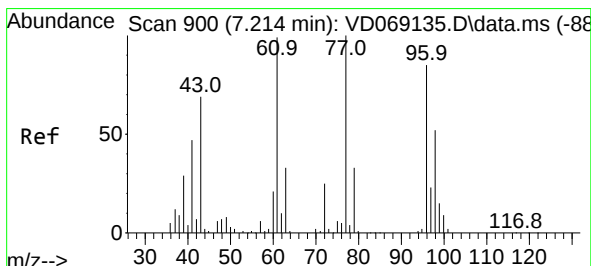
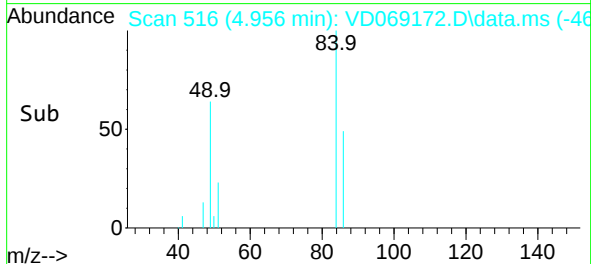
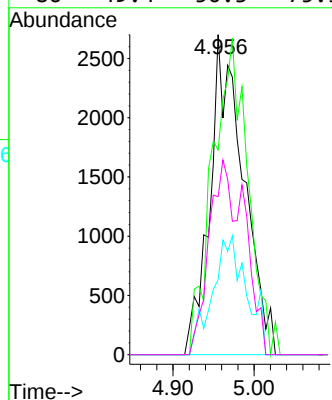


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

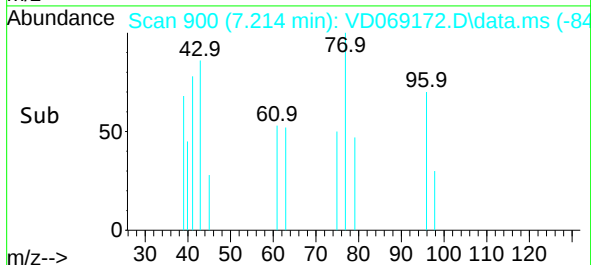
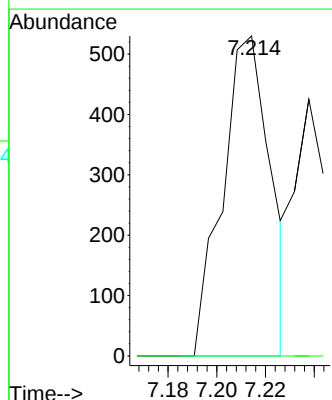
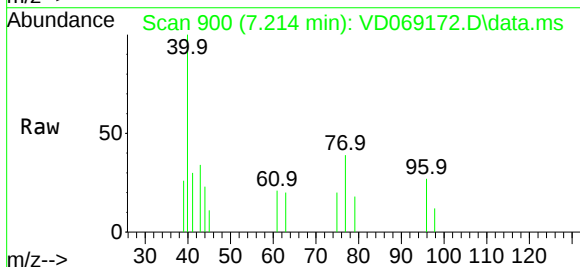


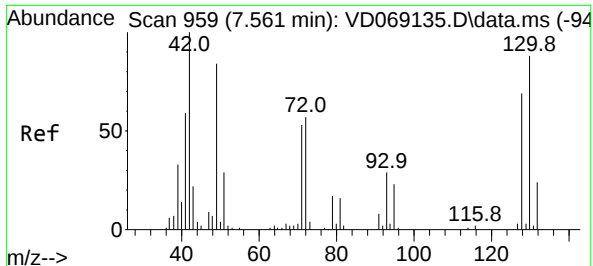
Tgt Ion: 84 Resp: 7767
Ion Ratio Lower Upper
84 100
49 64.0 78.6 117.8#
51 23.5 26.7 40.1#
86 49.4 50.3 75.5#



#25
2-Butanone
Concen: 2.04 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#





#29

Tetrahydrofuran

Concen: 1.30 ug/l

RT: 7.561 min Scan# 959

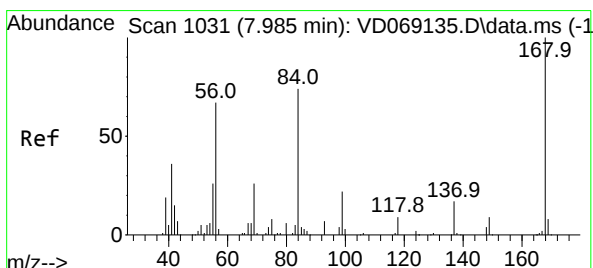
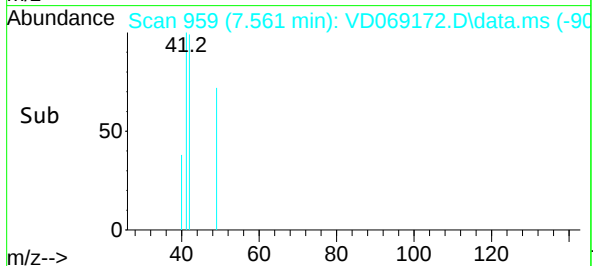
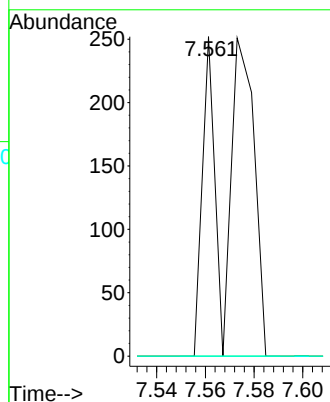
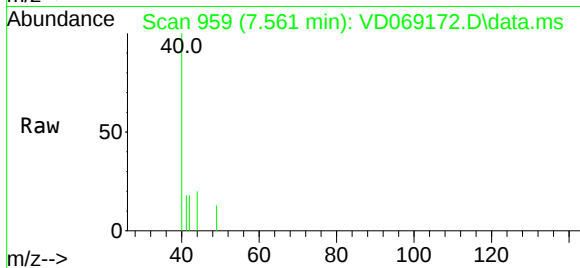
Delta R.T. 0.000 min

Lab File: VD069172.D

Acq: 14 May 2021 13:06

Tgt Ion:	42	Resp:	251
Ion	Ratio	Lower	Upper
42	100		
72	0.0	45.9	68.9#
71	0.0	42.9	64.3#

Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3



#31

Cyclohexane

Concen: 1.97 ug/l

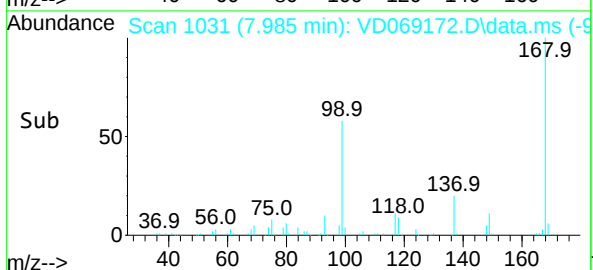
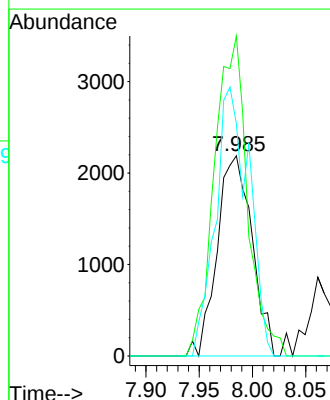
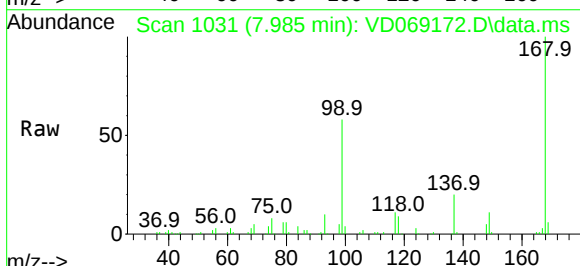
RT: 7.985 min Scan# 1031

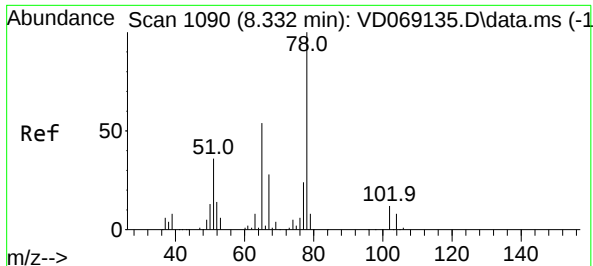
Delta R.T. 0.000 min

Lab File: VD069172.D

Acq: 14 May 2021 13:06

Tgt Ion:	56	Resp:	4970
Ion	Ratio	Lower	Upper
56	100		
69	159.9	30.6	46.0#
84	116.1	88.0	132.0

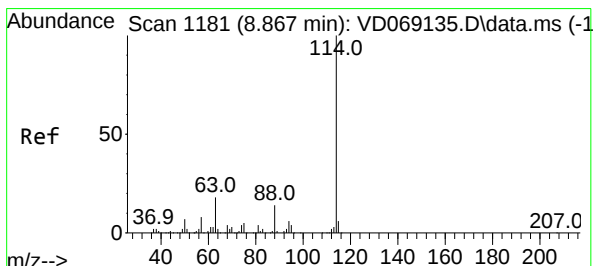
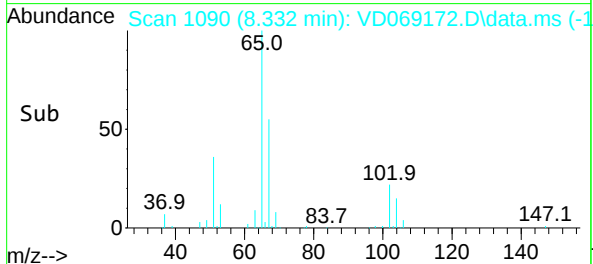
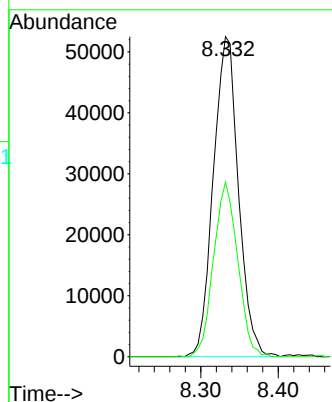
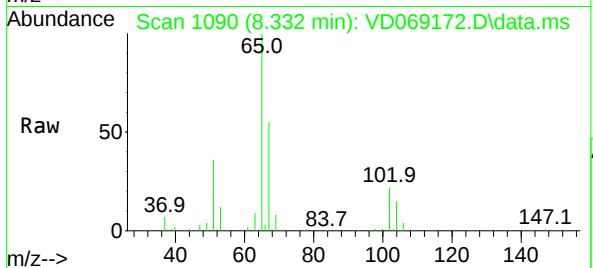




#33
1,2-Dichloroethane-d4
Concen: 69.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

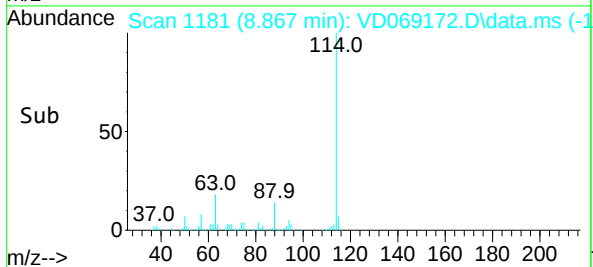
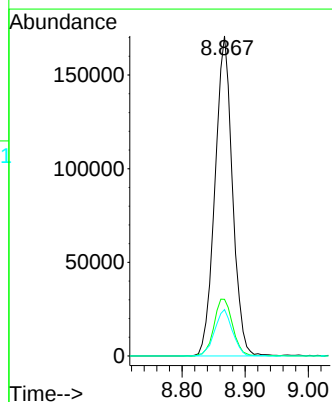
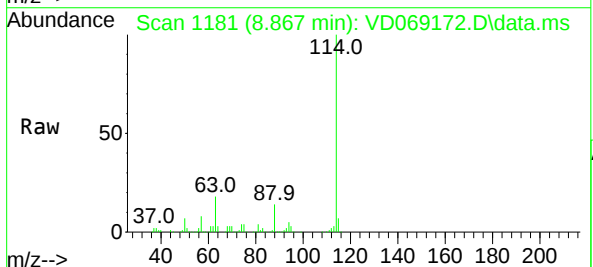
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

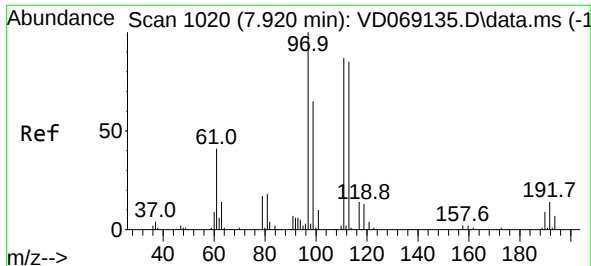
Tgt Ion: 65 Resp: 118350
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Tgt Ion: 114 Resp: 327950
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 57.52 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD069172.D

Acq: 14 May 2021 13:06

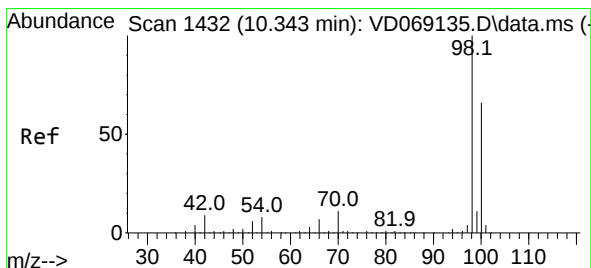
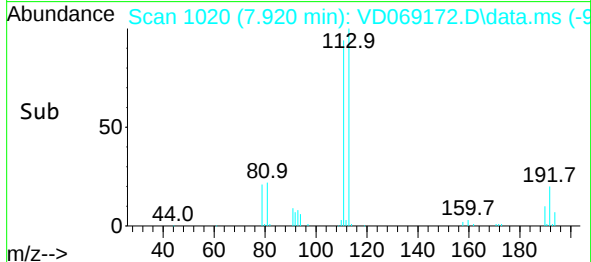
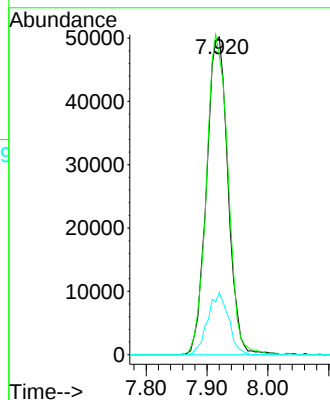
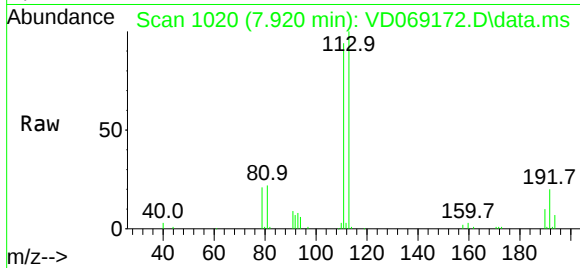
Tgt Ion:113 Resp: 122766

Ion Ratio Lower Upper

113 100

111 101.2 80.6 120.8

192 19.0 14.8 22.2



#50

Toluene-d8

Concen: 52.35 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD069172.D

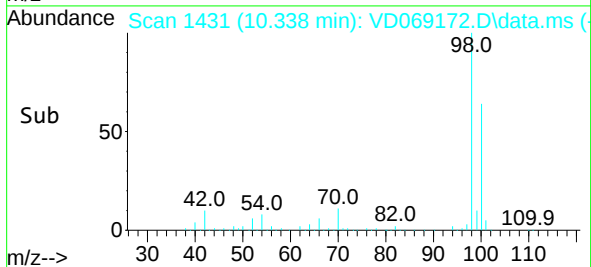
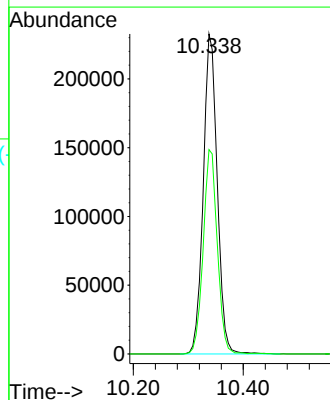
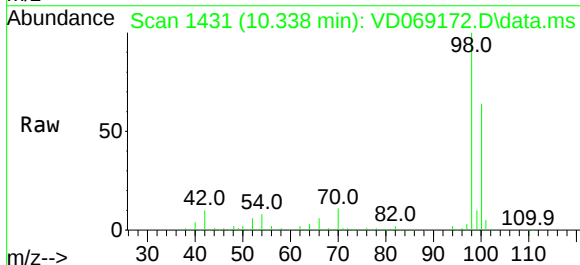
Acq: 14 May 2021 13:06

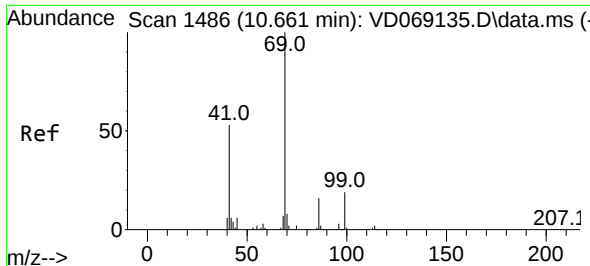
Tgt Ion: 98 Resp: 410552

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8

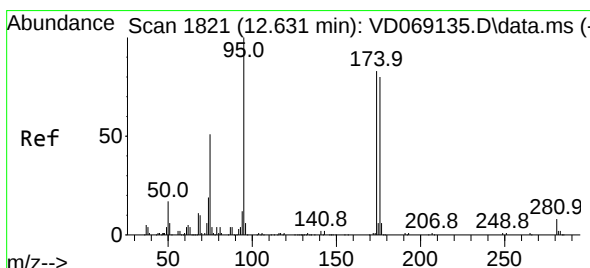
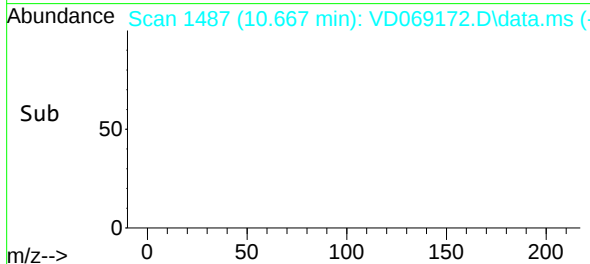
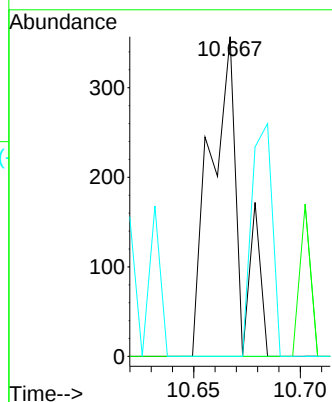
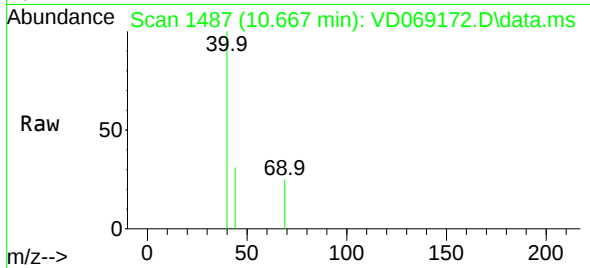




#56
Ethyl methacrylate
Concen: 1.49 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

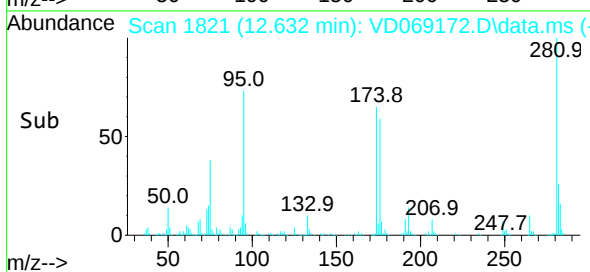
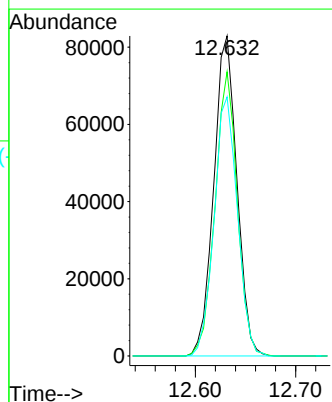
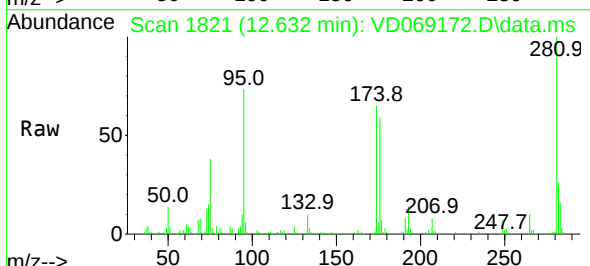
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

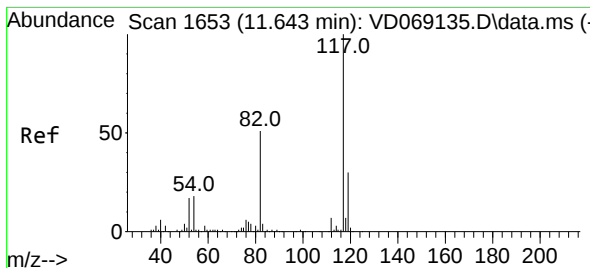
Tgt Ion: 69	Resp:	344
Ion	Ratio	Lower Upper
69	100	
41	0.0	42.2 63.2#
39	0.0	26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 52.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Tgt Ion: 95	Resp:	132524
Ion	Ratio	Lower Upper
95	100	
174	85.5	0.0 171.8
176	81.5	0.0 165.4

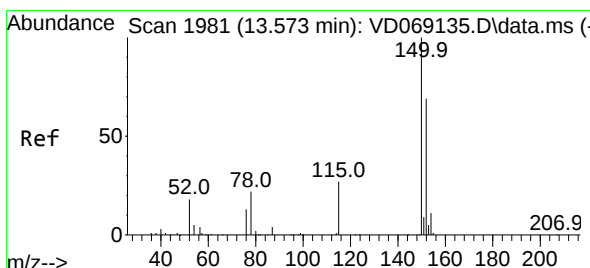
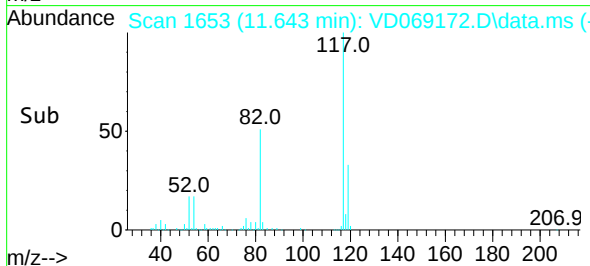
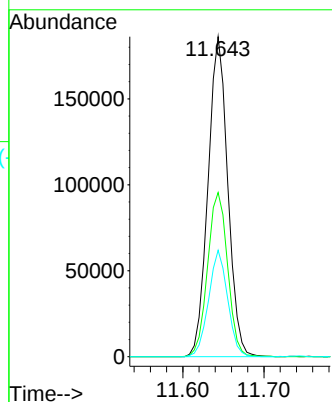
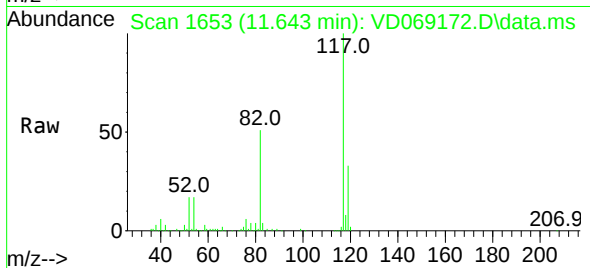




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

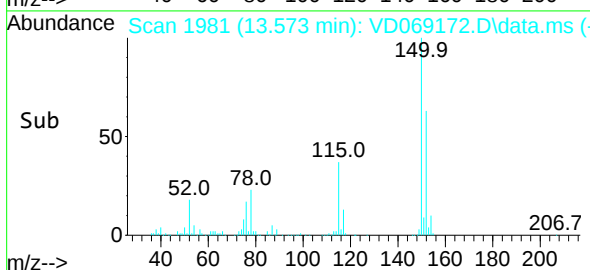
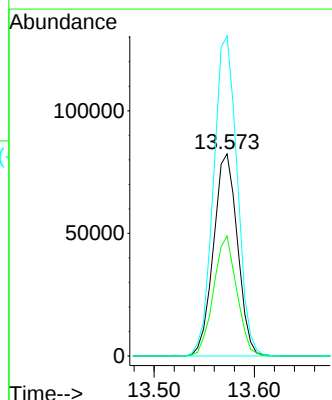
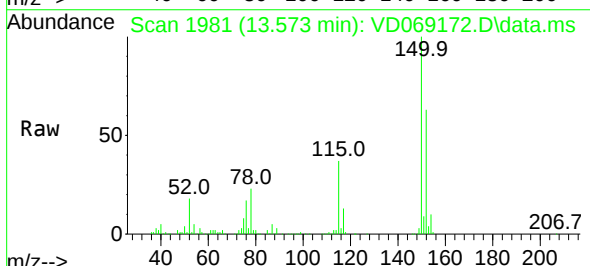
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

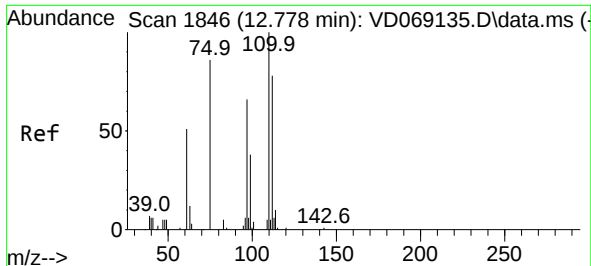
Tgt Ion:117 Resp: 314351
Ion Ratio Lower Upper
117 100
82 51.3 40.5 60.7
119 33.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Tgt Ion:152 Resp: 136758
Ion Ratio Lower Upper
152 100
115 57.5 29.9 89.8
150 156.7 0.0 350.2

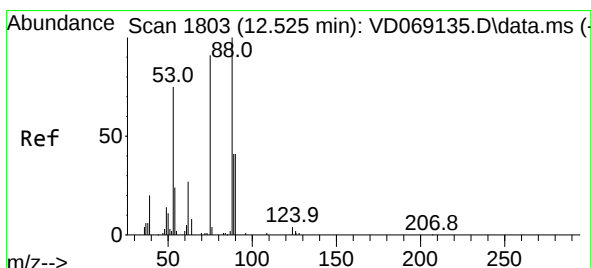
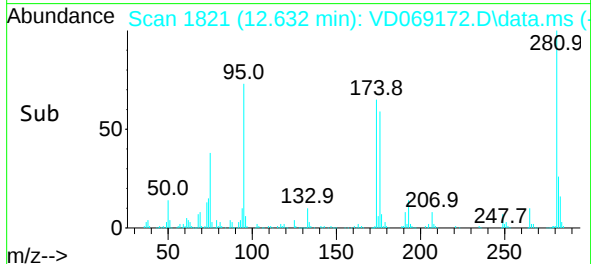
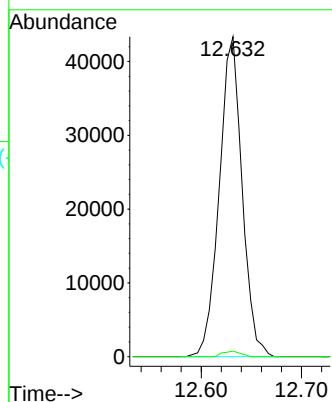
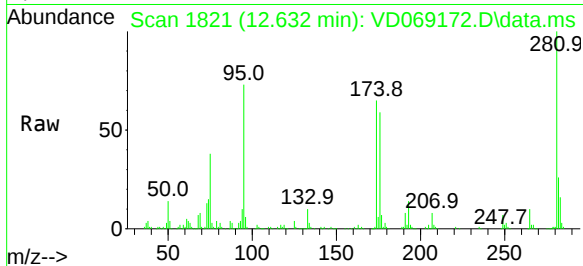




#76
1,2,3-Trichloropropane
Concen: 66.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

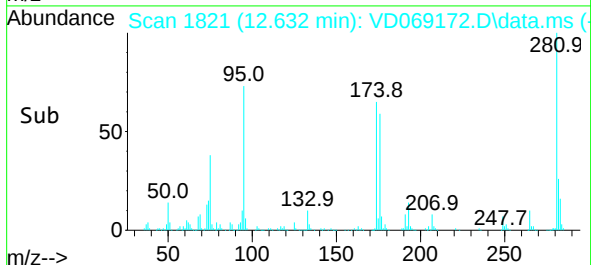
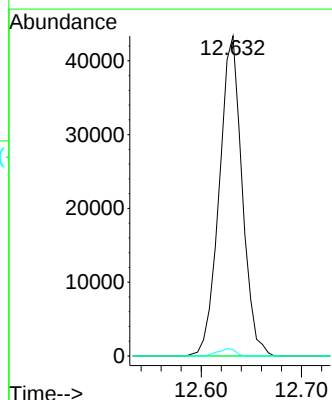
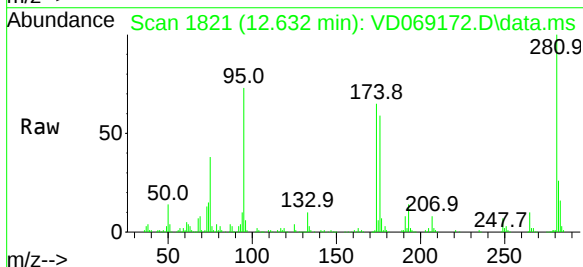
Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3

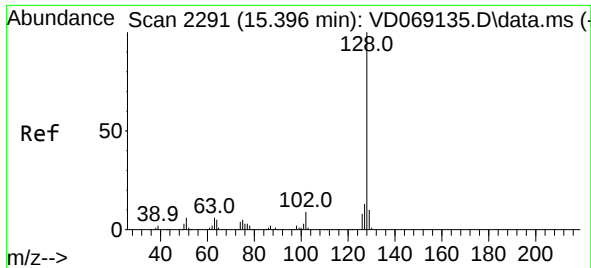
Tgt Ion: 75 Resp: 68388
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

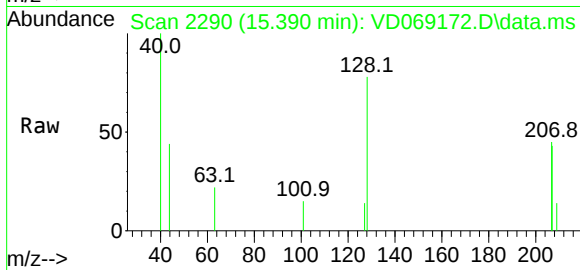
Tgt Ion: 75 Resp: 68388
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 1.8 40.2 60.2#





#95
Naphthalene
Concen: 2.48 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069172.D
Acq: 14 May 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
BURNETT-AVE-1-3



Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.5	15.7#
129	0.0	8.9	13.3#

