

Data File : VV012894.D
Acq On : 18 Sep 2019 14:17
Operator : SY/MD
Sample : K4833-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH1

Quant Time: Sep 19 01:58:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366231	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	130825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	164361	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	147129	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	205206	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.98	46	315344	41.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.08%
24) Chloroform-d	4.40	84	291270	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	149539	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	588346	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	184917	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	472043	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	59652	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	243647	44.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	128344	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	159528	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

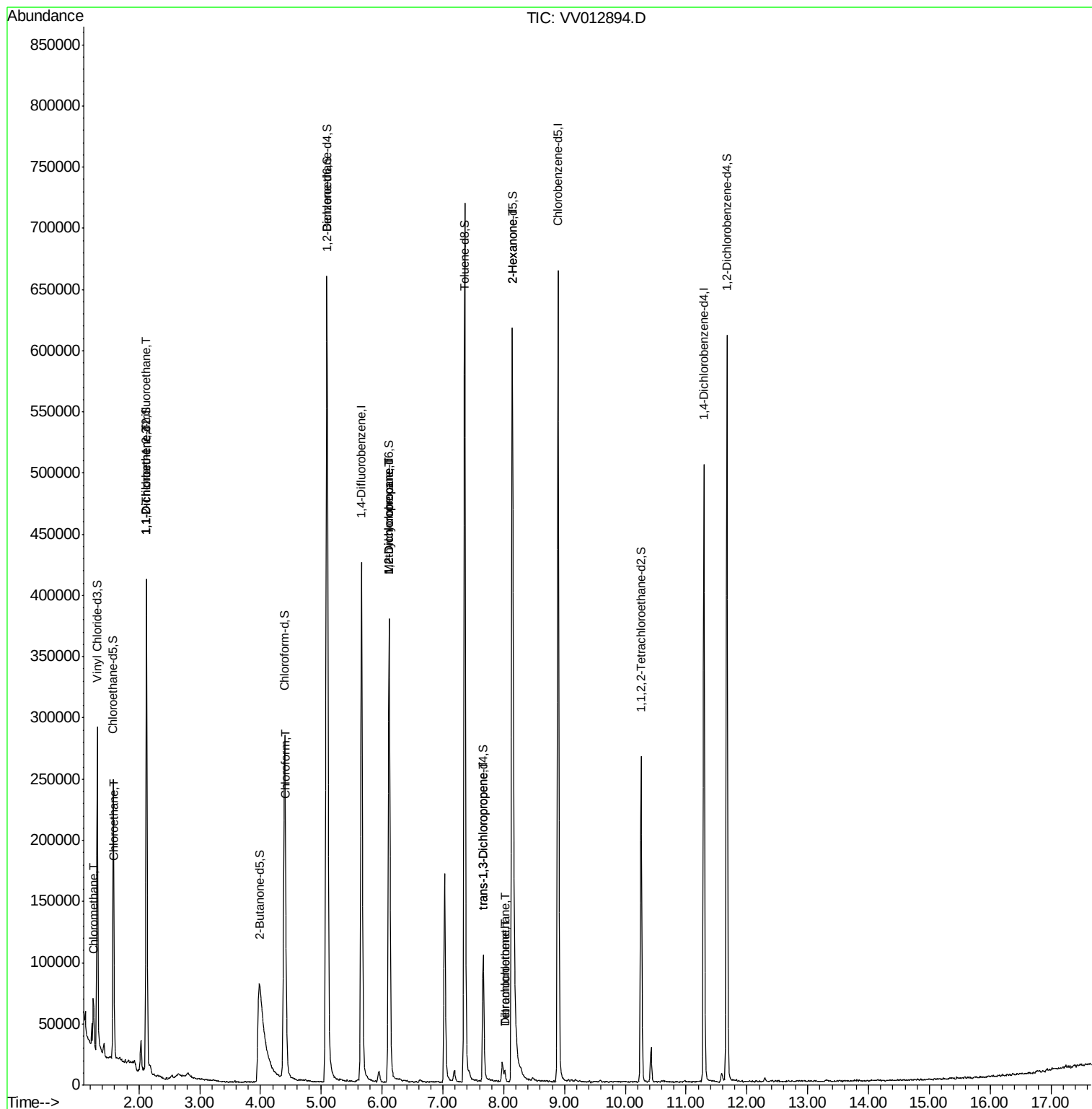
					Qvalue
3) Chloromethane	1.25	50	29250	1.148	ug/L 94
8) Chloroethane	1.60	64	3914	0.252	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2312	0.107	ug/L # 22
12) 1,1-Dichloroethene	2.13	96	2052	0.105	ug/L # 1
25) Chloroform	4.42	83	7835	0.155	ug/L 77
35) Methylcyclohexane	6.12	83	44300	1.382	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	20272	0.803	ug/L # 89
44) trans-1,3-Dichloropropene	7.67	75	2815	0.105	ug/L # 64
47) Tetrachloroethene	8.01	164	2122	0.111	ug/L 91
48) 2-Hexanone	8.14	43	40583	3.453	ug/L # 80
49) Dibromochloromethane	8.02	129	2045	0.095	ug/L # 10

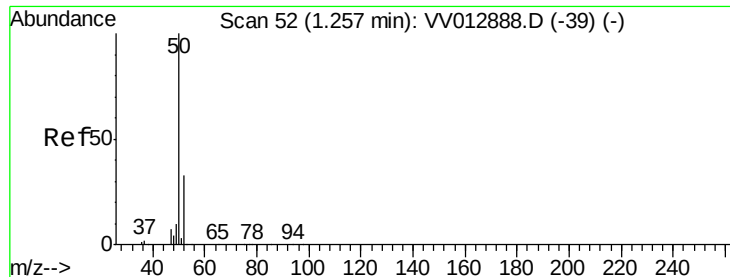
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012894.D
Acq On : 18 Sep 2019 14:17
Operator : SY/MD
Sample : K4833-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH1

Quant Time: Sep 19 01:58:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.148 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.01 min

Lab File: VV012894.D

Acq: 18 Sep 2019 14:17

Instrument :

MSVOA_V

ClientSampleId :

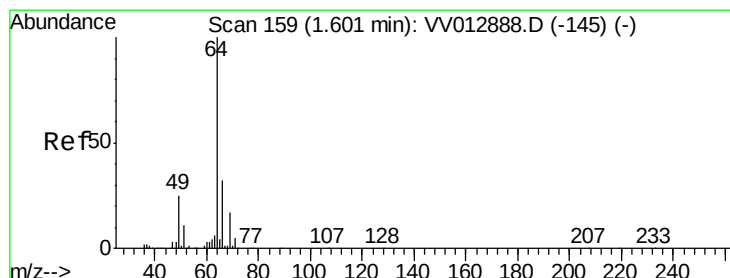
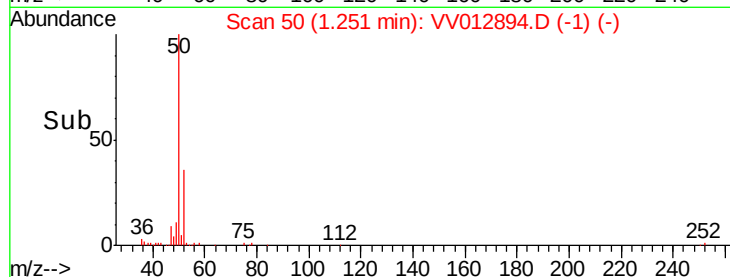
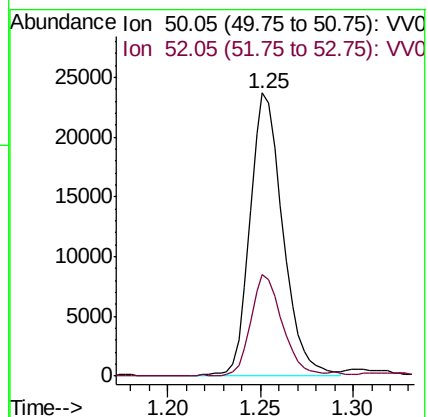
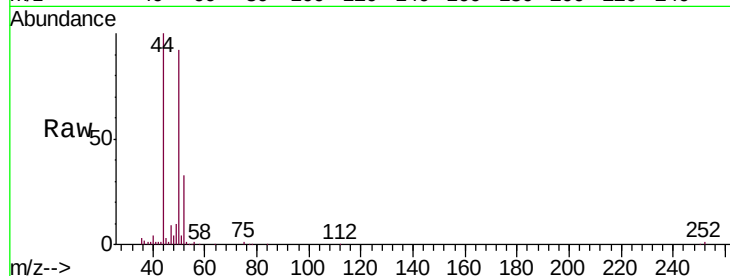
ETOH1

Tgt Ion: 50 Resp: 29250

Ion Ratio Lower Upper

50 100

52 35.9 22.8 42.4



#8

Chloroethane

Concen: 0.252 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV012894.D

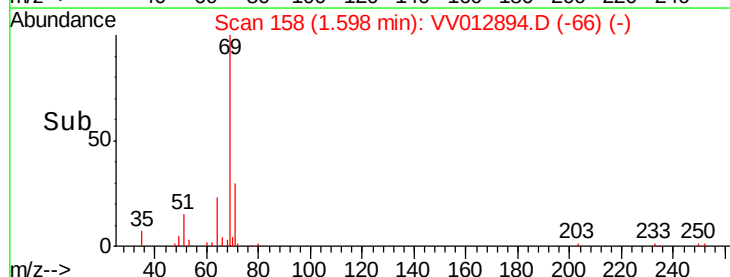
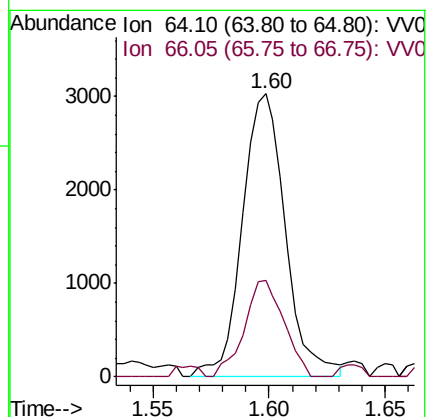
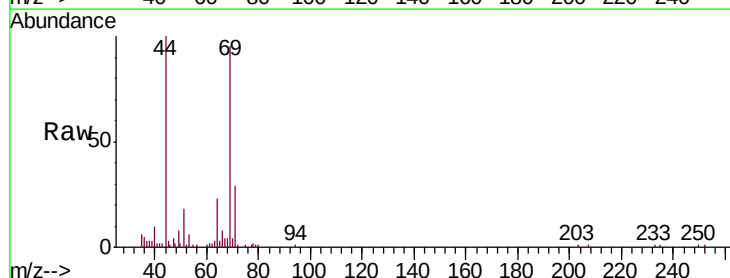
Acq: 18 Sep 2019 14:17

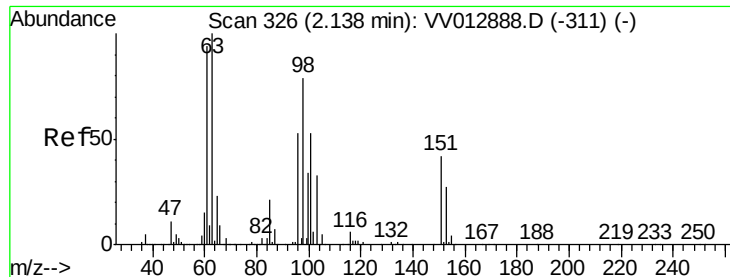
Tgt Ion: 64 Resp: 3914

Ion Ratio Lower Upper

64 100

66 34.0 22.0 40.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012894.D

Acq: 18 Sep 2019 14:17

Instrument :

MSVOA_V

ClientSampleId :

ETOH1

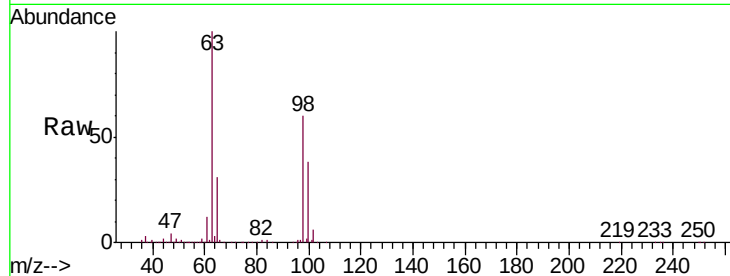
Tgt Ion: 101 Resp: 2312

Ion Ratio Lower Upper

101 100

85 2.9 33.5 50.3#

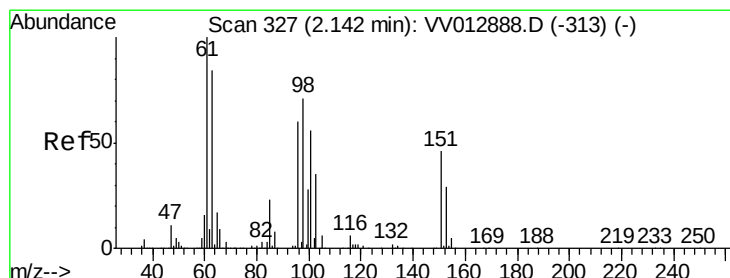
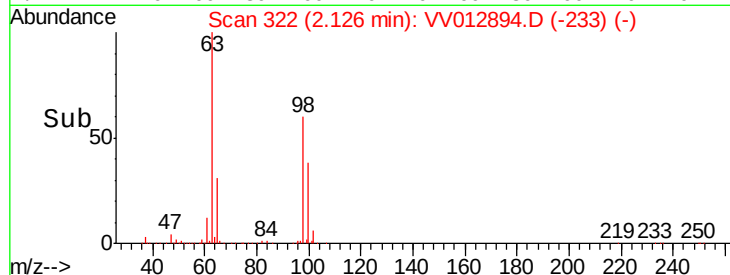
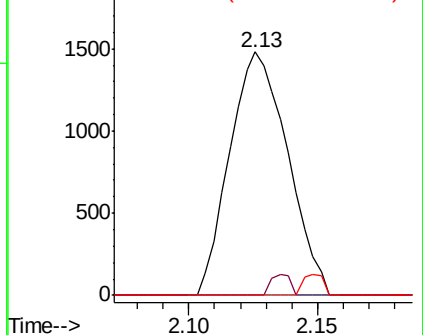
151 3.0 64.0 96.0#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV012894.D

Acq: 18 Sep 2019 14:17

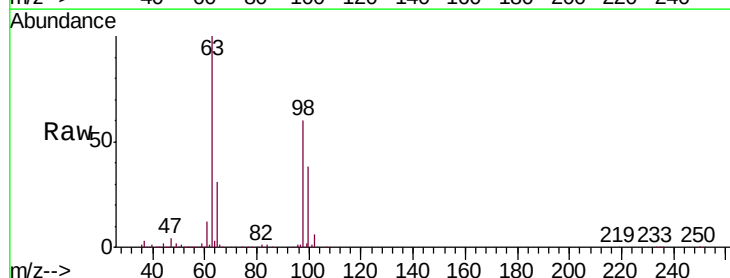
Tgt Ion: 96 Resp: 2052

Ion Ratio Lower Upper

96 100

61 1296.9 116.1 215.5#

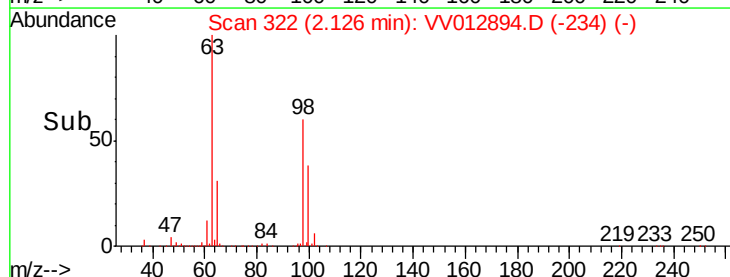
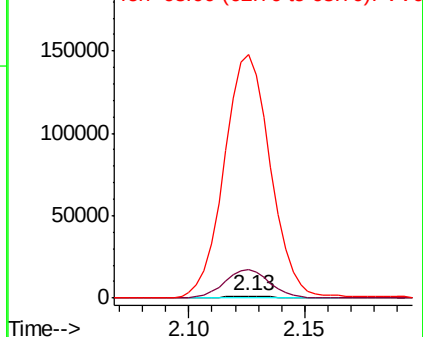
63 11044.5 113.3 210.3#

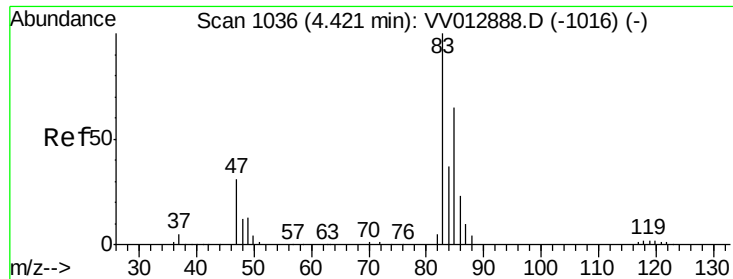


Abundance Ion 96.00 (95.70 to 96.70): VV0

200000 Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

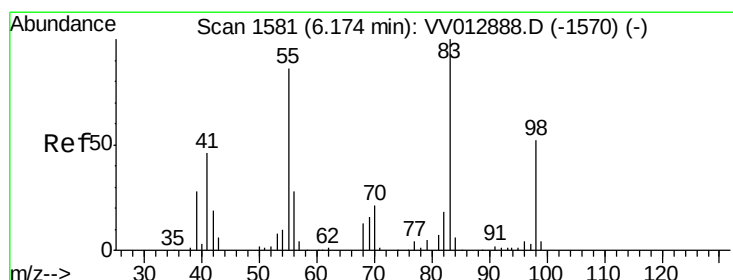
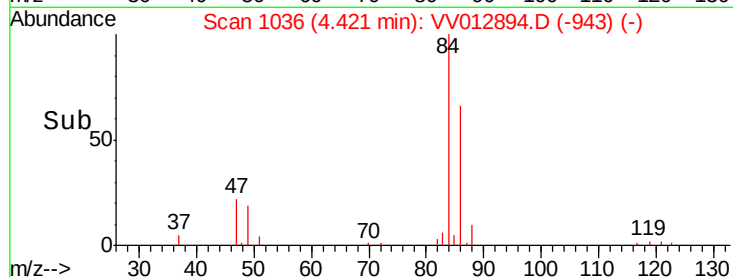
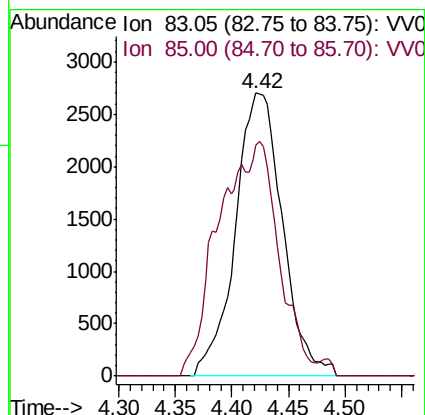
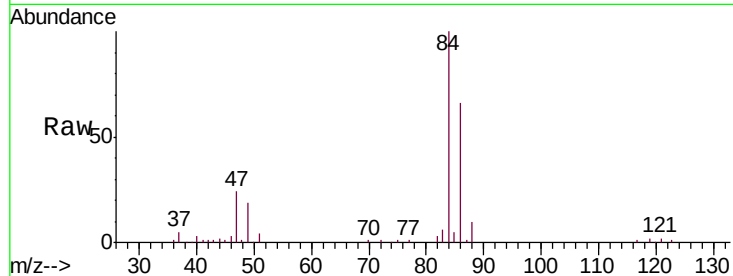




#25
Chloroform
Concen: 0.155 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV012894.D
Acq: 18 Sep 2019 14:17

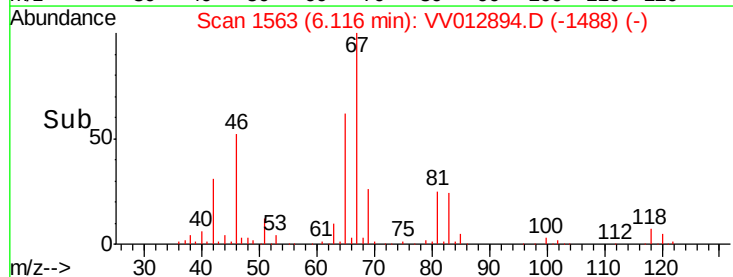
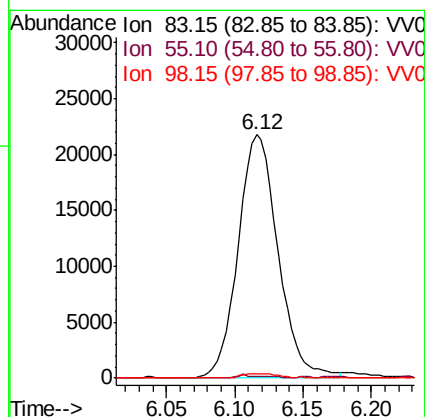
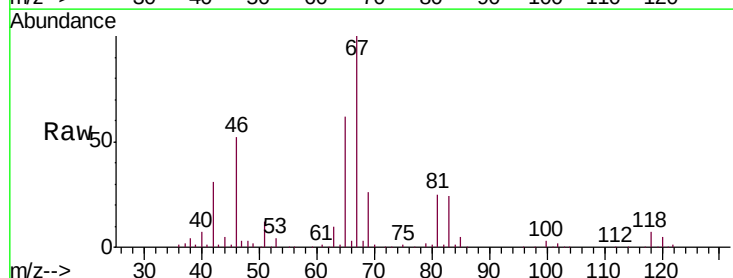
Instrument :
MSVOA_V
ClientSampleId :
ETOH1

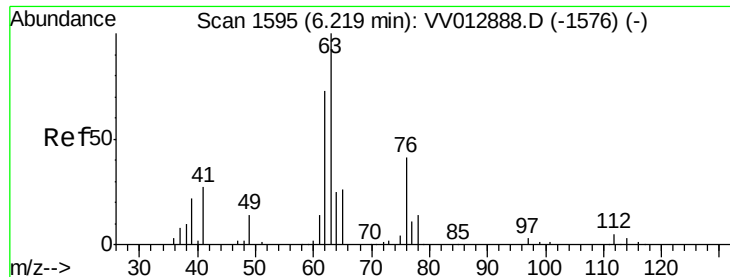
Tgt Ion: 83 Resp: 7835
Ion Ratio Lower Upper
83 100
85 81.8 44.4 82.5



#35
Methylcyclohexane
Concen: 1.382 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012894.D
Acq: 18 Sep 2019 14:17

Tgt Ion: 83 Resp: 44300
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 1.6 38.2 57.4#

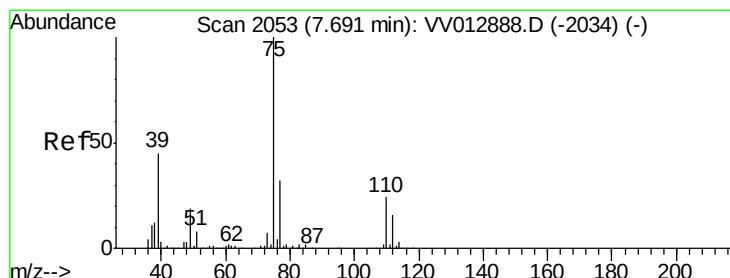
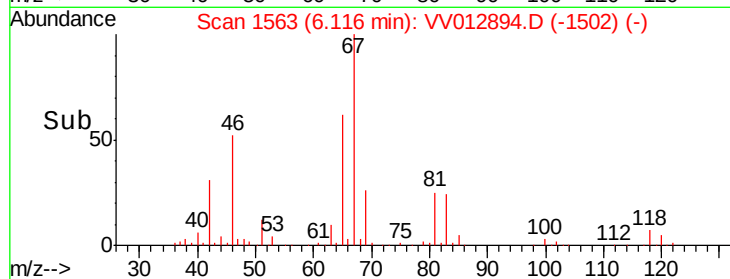
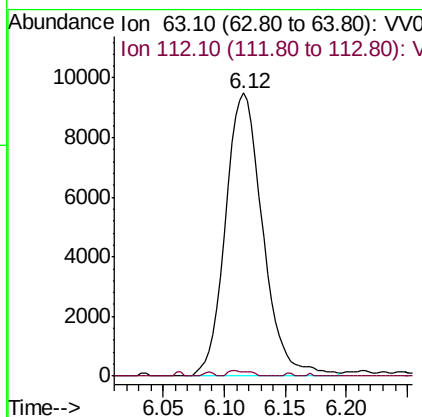
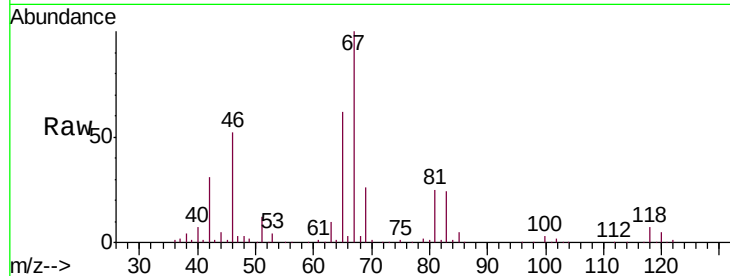




#37
 1,2-Dichloropropane
 Concen: 0.803 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012894.D
 Acq: 18 Sep 2019 14:17

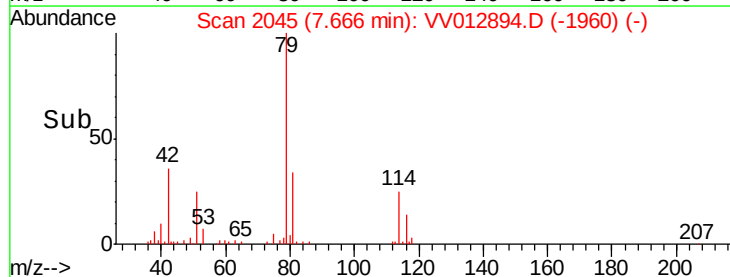
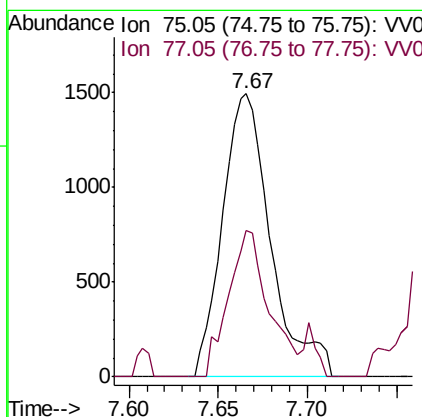
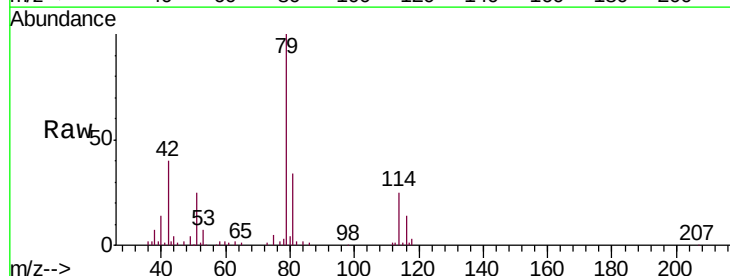
Instrument :
 MSVOA_V
 ClientSampled :
 ETOH1

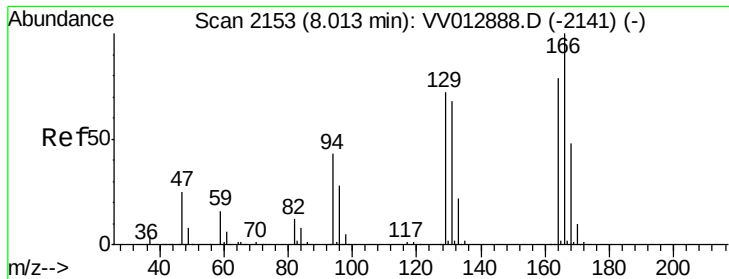
Tgt Ion: 63 Resp: 20272
 Ion Ratio Lower Upper
 63 100
 112 1.1 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012894.D
 Acq: 18 Sep 2019 14:17

Tgt Ion: 75 Resp: 2815
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.111 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV012894.D

Acq: 18 Sep 2019 14:17

Instrument :

MSVOA_V

ClientSampleId :

ETOH1

Tgt Ion:164 Resp: 2122

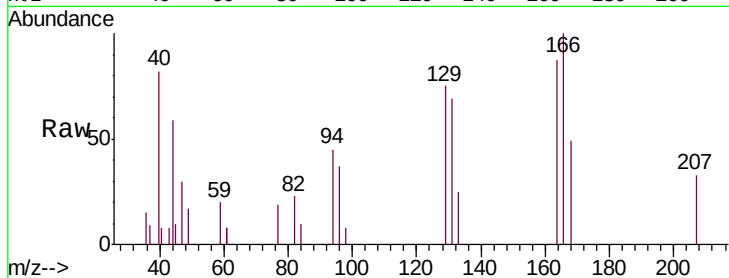
Ion Ratio Lower Upper

164 100

129 86.5 63.8 118.6

131 80.0 63.1 117.3

166 115.2 89.9 166.9

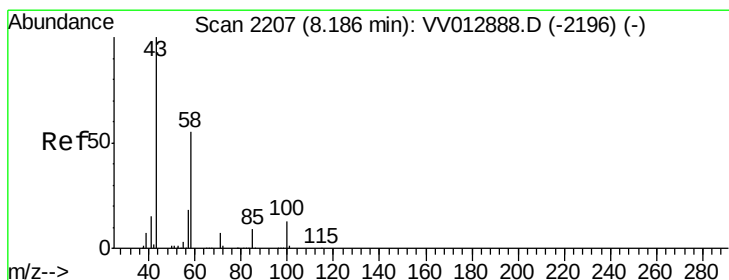
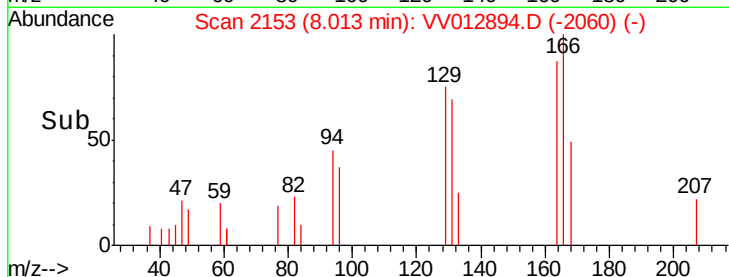
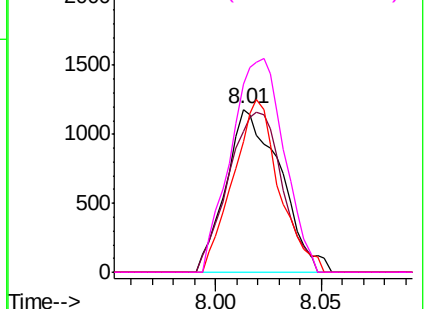


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.453 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV012894.D

Acq: 18 Sep 2019 14:17

Tgt Ion: 43 Resp: 40583

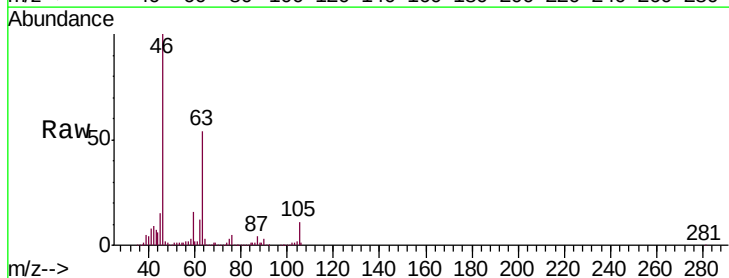
Ion Ratio Lower Upper

43 100

58 42.8 44.5 66.7#

57 30.8 15.0 22.6#

100 2.9 9.7 14.5#

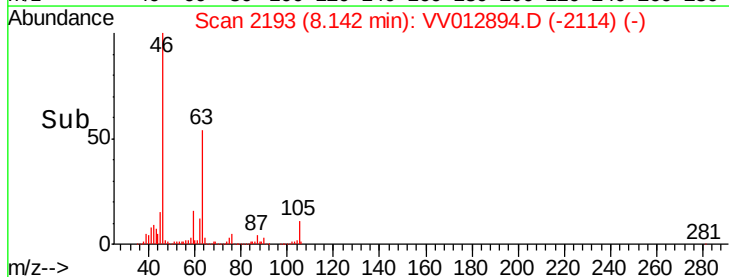
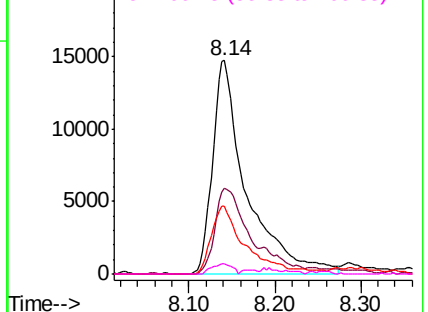


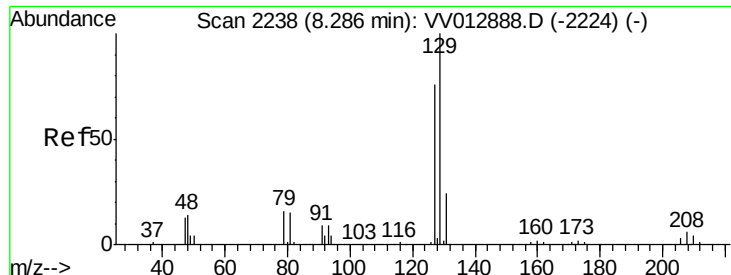
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49
 Dibromochloromethane
 Concen: 0.095 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV012894.D
 Acq: 18 Sep 2019 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOH1

Tgt Ion:129 Resp: 2045
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.7 101.7#

