

Data File : VV012892.D
Acq On : 18 Sep 2019 13:25
Operator : SY/MD
Sample : K4833-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOHO

Quant Time: Sep 19 01:57:47 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	363310	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	359459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	131639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161108	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	142625	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	203133	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.99	46	86645	11.51	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	23.02%#
24) Chloroform-d	4.40	84	279691	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	145360	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	575039	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	181025	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	459592	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	57889	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	236804	43.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	122955	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	154273	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

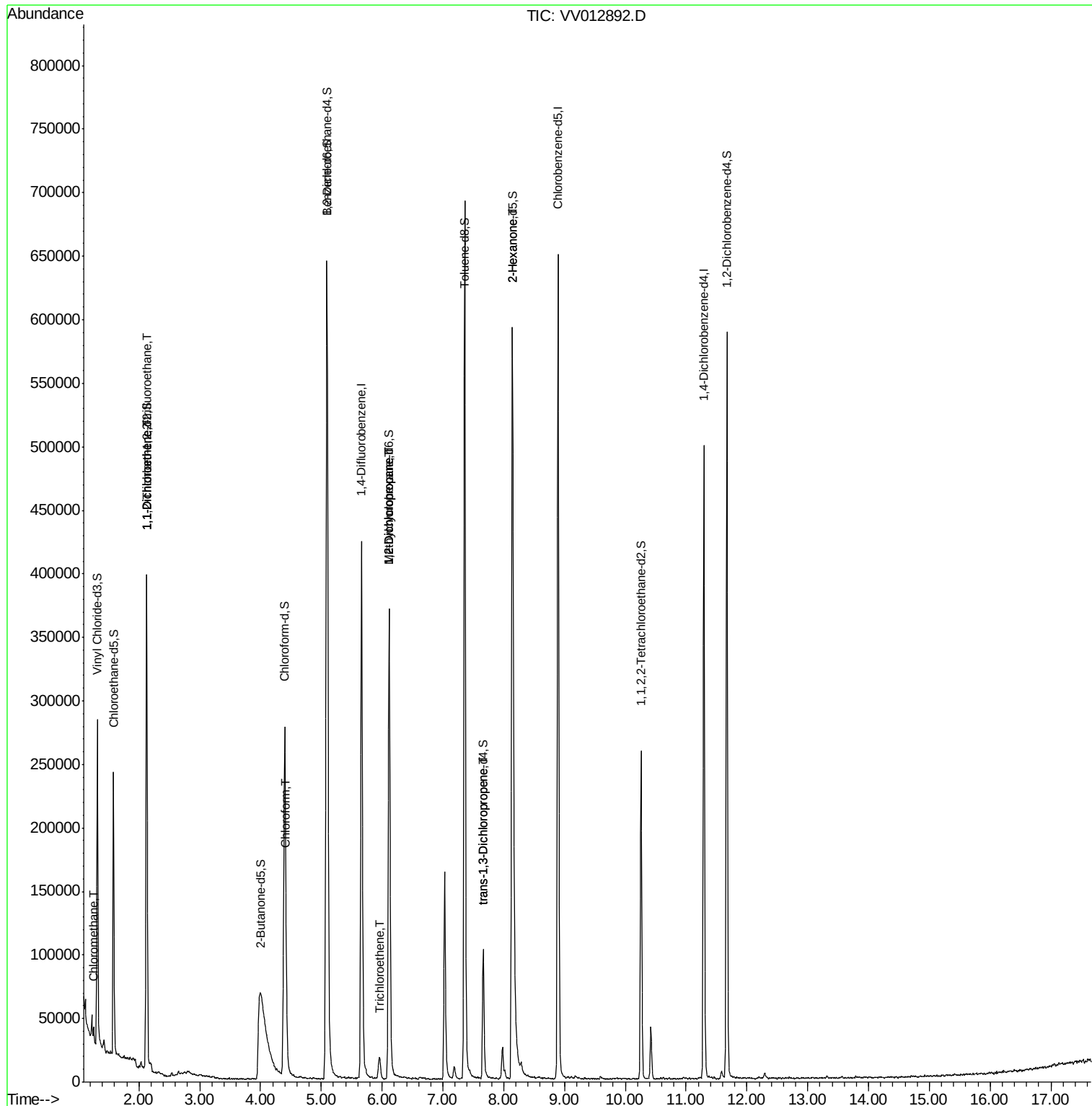
						Qvalue
3) Chloromethane	1.25	50	8464	0.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2158	0.101	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	2011	0.103	ug/L #	1
25) Chloroform	4.43	83	17920	0.356	ug/L	95
34) Trichloroethene	5.96	95	4826	0.201	ug/L	94
35) Methylcyclohexane	6.12	83	41859	1.298	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19878	0.782	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	2784	0.104	ug/L	97
48) 2-Hexanone	8.14	43	37871	3.202	ug/L #	78

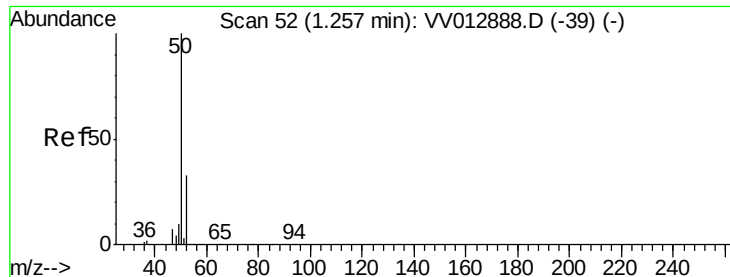
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.335 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012892.D

Acq: 18 Sep 2019 13:25

Instrument :

MSVOA_V

ClientSampleId :

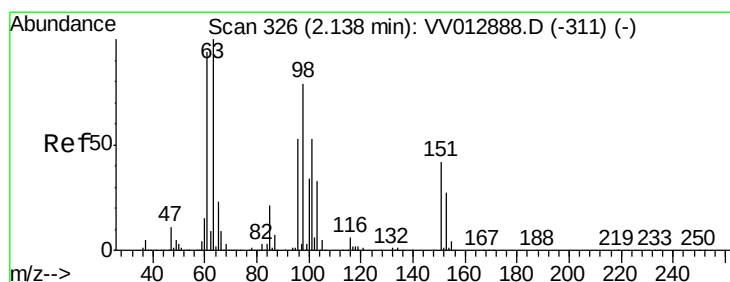
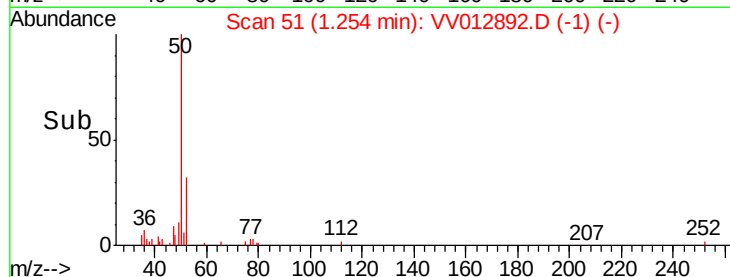
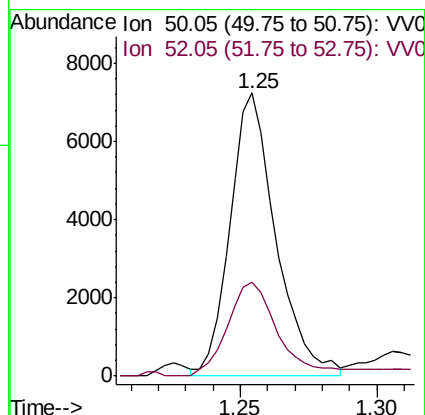
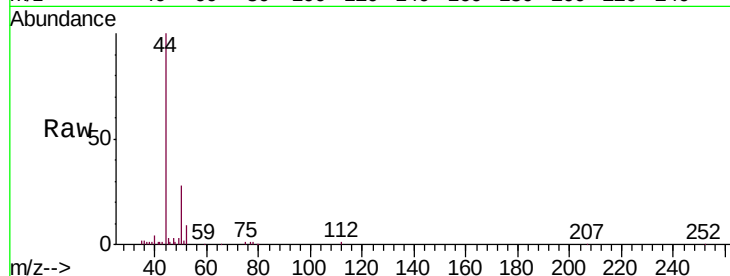
ETOH0

Tgt Ion: 50 Resp: 8464

Ion Ratio Lower Upper

50 100

52 33.2 22.8 42.4



#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012892.D

Acq: 18 Sep 2019 13:25

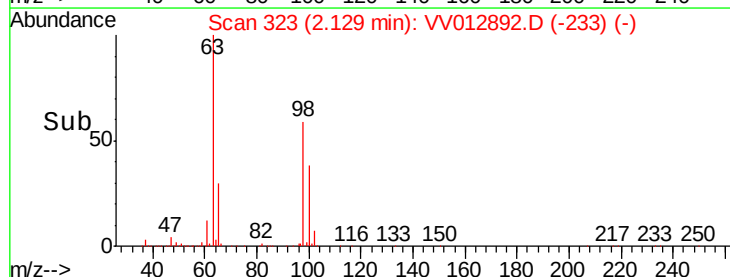
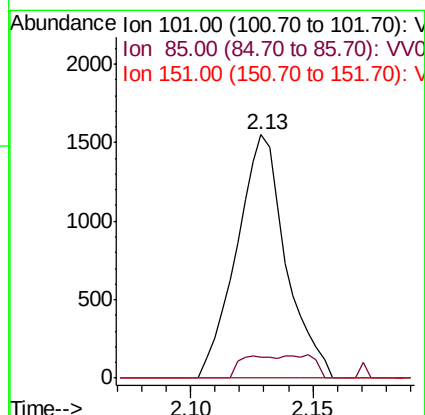
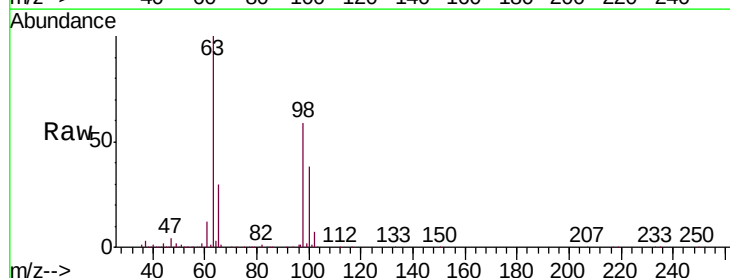
Tgt Ion: 101 Resp: 2158

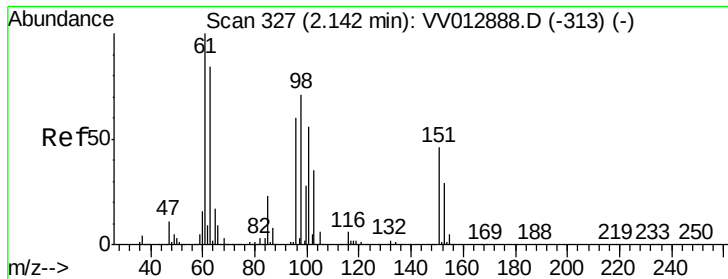
Ion Ratio Lower Upper

101 100

85 6.9 33.5 50.3#

151 0.0 64.0 96.0#

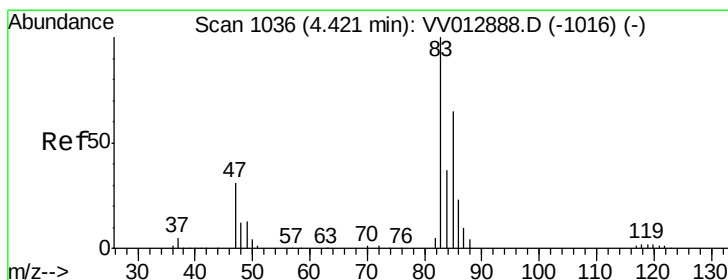
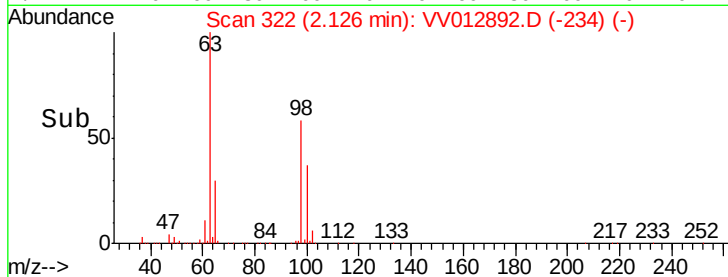
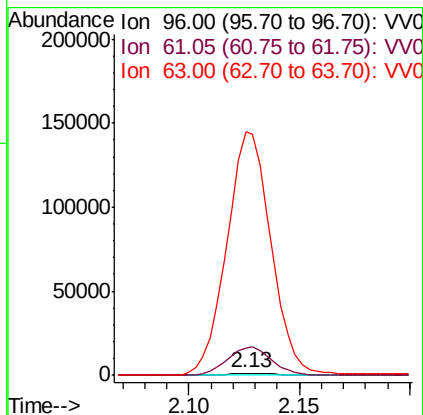
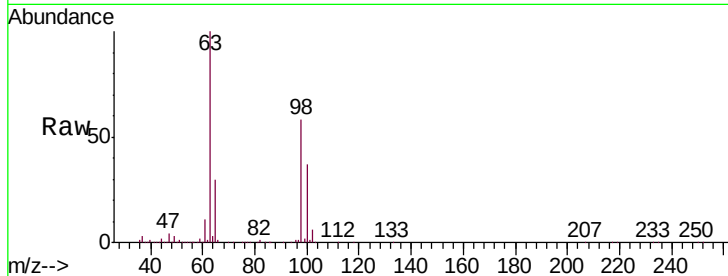




#12
 1,1-Dichloroethene
 Concen: 0.103 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.02 min
 Lab File: VV012892.D
 Acq: 18 Sep 2019 13:25

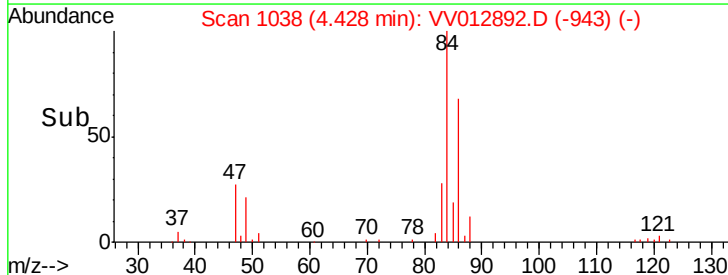
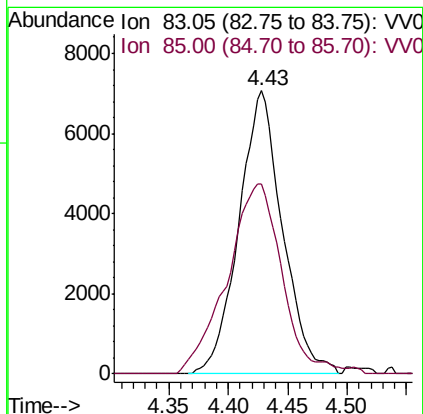
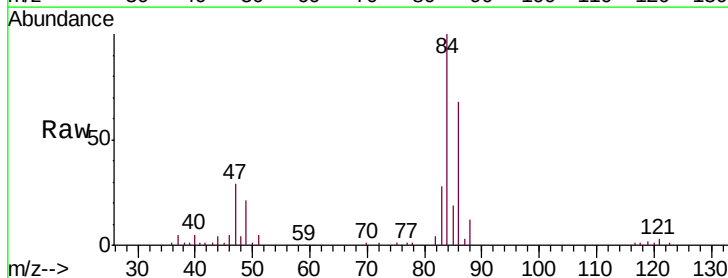
Instrument :
 MSVOA_V
 ClientSampleId :
 ETOH0

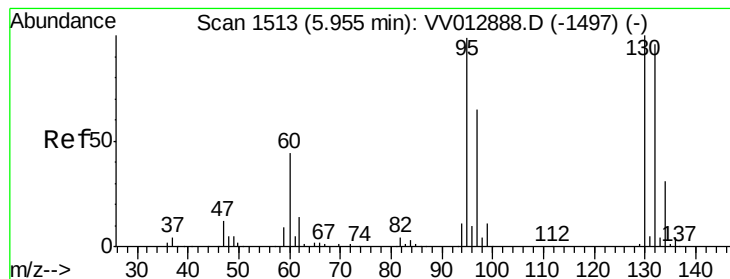
Tgt Ion: 96 Resp: 2011
 Ion Ratio Lower Upper
 96 100
 61 1370.5 116.1 215.5#
 63 12114.5 113.3 210.3#



#25
 Chloroform
 Concen: 0.356 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV012892.D
 Acq: 18 Sep 2019 13:25

Tgt Ion: 83 Resp: 17920
 Ion Ratio Lower Upper
 83 100
 85 67.1 44.4 82.5





#34

Trichloroethene

Concen: 0.201 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012892.D

Acq: 18 Sep 2019 13:25

Instrument :

MSVOA_V

ClientSampleId :

ETOH0

Tgt Ion: 95 Resp: 4826

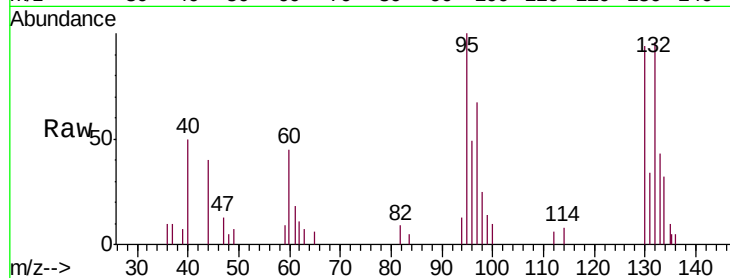
Ion Ratio Lower Upper

95 100

97 66.5 45.3 84.1

132 95.5 70.6 131.0

130 94.3 71.8 133.4

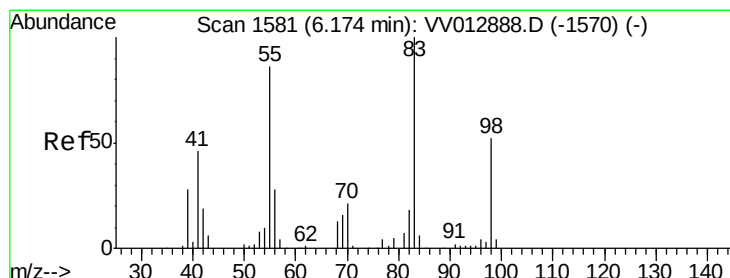
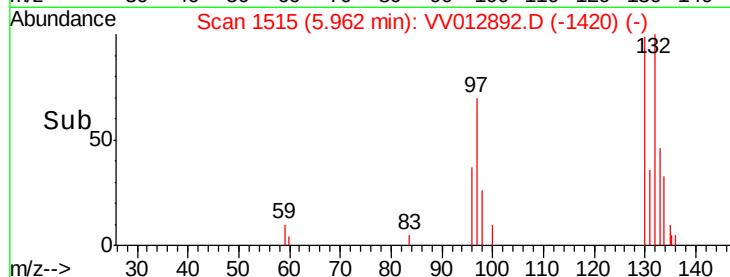
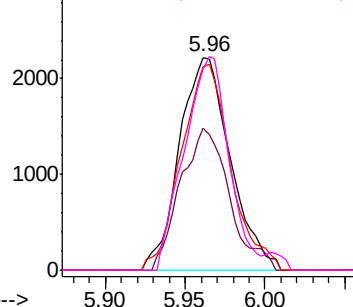


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.298 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012892.D

Acq: 18 Sep 2019 13:25

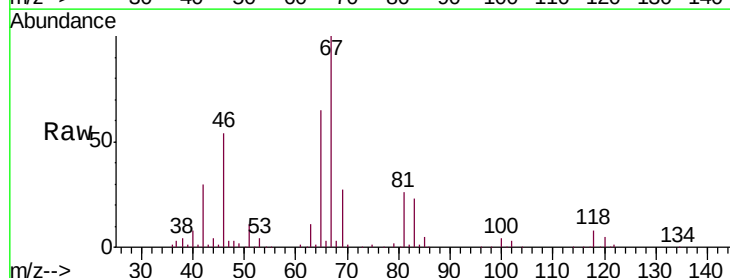
Tgt Ion: 83 Resp: 41859

Ion Ratio Lower Upper

83 100

55 0.4 63.8 95.6#

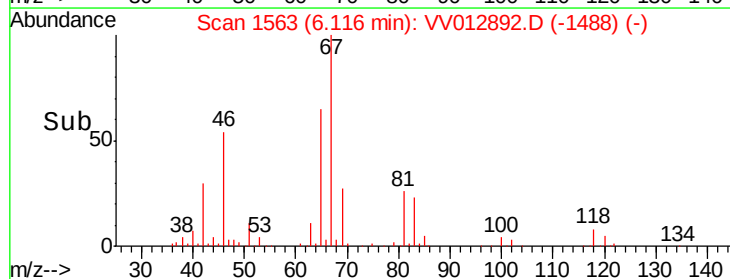
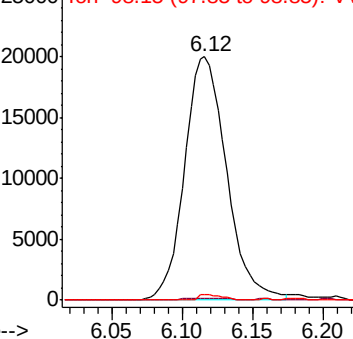
98 1.2 38.2 57.4#

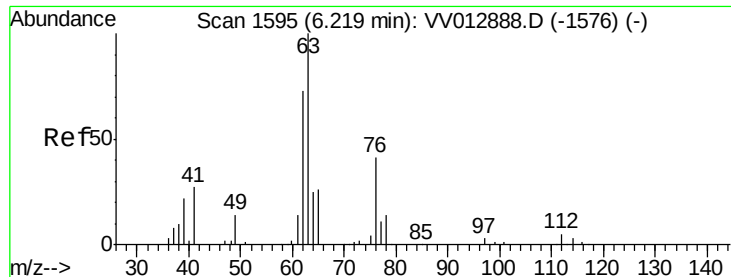


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.782 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012892.D

Acq: 18 Sep 2019 13:25

Instrument :

MSVOA_V

ClientSampled :

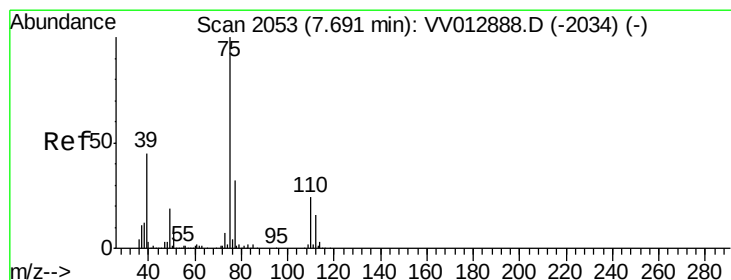
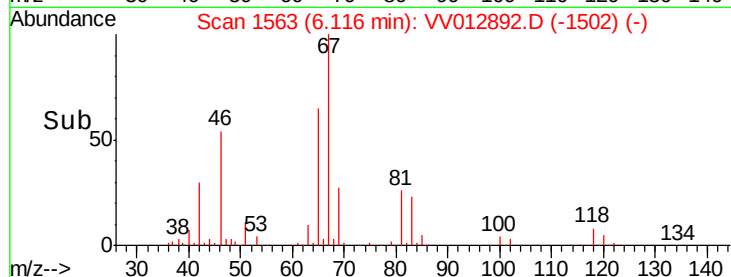
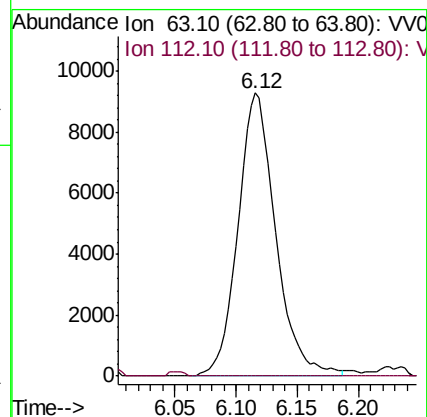
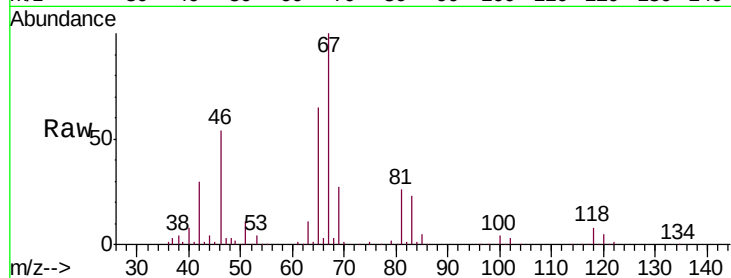
ETOH0

Tgt Ion: 63 Resp: 19878

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012892.D

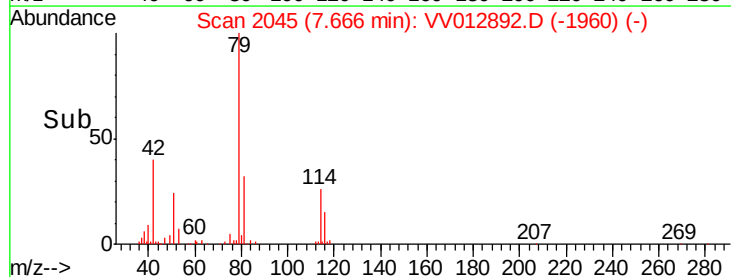
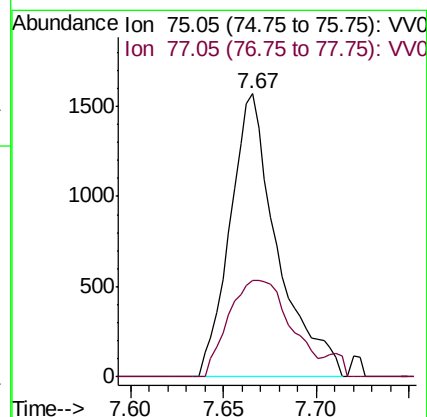
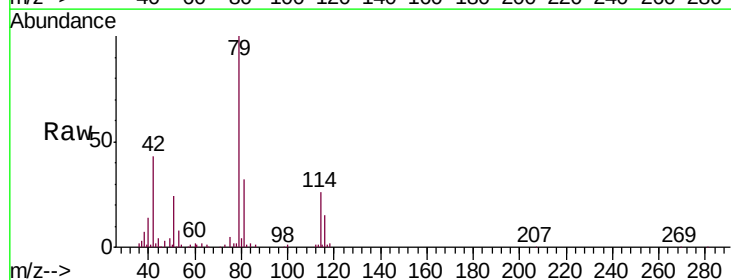
Acq: 18 Sep 2019 13:25

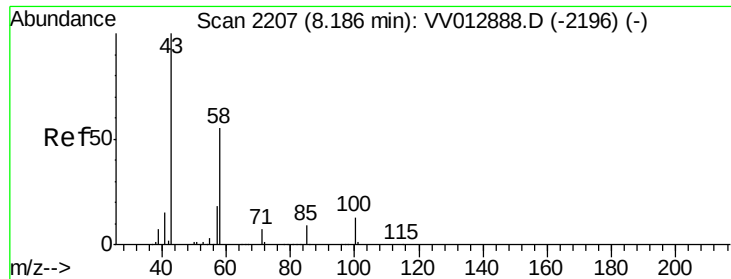
Tgt Ion: 75 Resp: 2784

Ion Ratio Lower Upper

75 100

77 34.0 22.5 41.7





#48
 2-Hexanone
 Concen: 3.202 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV012892.D
 Acq: 18 Sep 2019 13:25

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOH0

Tgt Ion: 43 Resp: 37871
 Ion Ratio Lower Upper
 43 100
 58 43.2 44.5 66.7#
 57 34.3 15.0 22.6#
 100 2.9 9.7 14.5#

