

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011495.D
 Acq On : 14 Jun 2019 08:38
 Operator : SY/MD
 Sample : K3313-17DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 09:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 09:13:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	125200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45427	5.00	ug/L	0.00

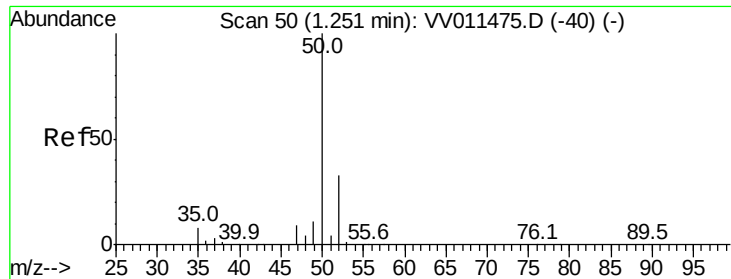
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42587	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	35697	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	80784	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.98	46	110255	51.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.40	84	84228	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	49758	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.09	84	176256	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	53593	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	146834	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	14439	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.15	63	91606	53.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36250	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	46172	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3384	0.283	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	900	0.111	ug/L #	34
12) 1,1-Dichloroethene	2.13	96	6886	0.873	ug/L #	1
16) Methylene chloride	2.53	84	1744	0.215	ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	8274	0.846	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	3449	0.234	ug/L #	61
34) Trichloroethene	5.96	95	110065	11.568	ug/L	97
35) Methylcyclohexane	6.12	83	13138	0.835	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6862	0.749	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1562	0.116	ug/L #	62
48) 2-Hexanone	8.15	43	13297	3.266	ug/L #	69

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



#3

Chloromethane

Concen: 0.283 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

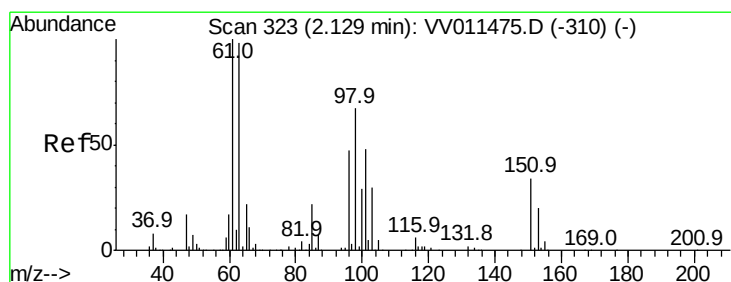
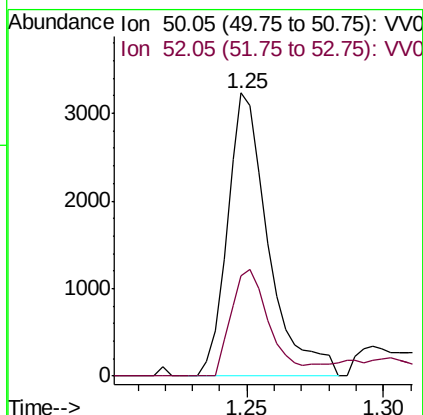
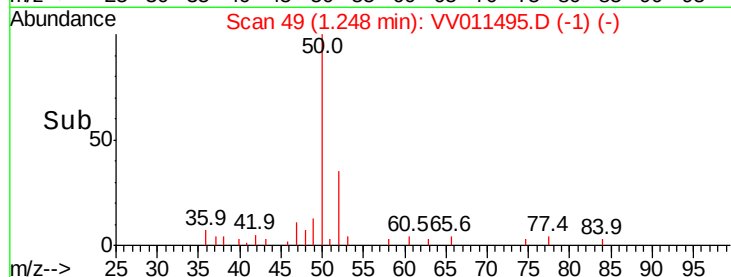
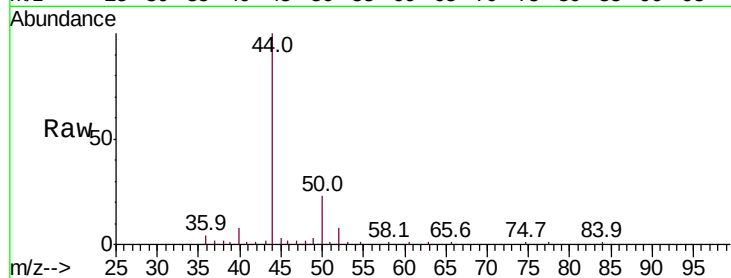
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 3384

Ion Ratio Lower Upper

50 100

52 35.3 22.3 41.5



#10

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

Concen: 0.111 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

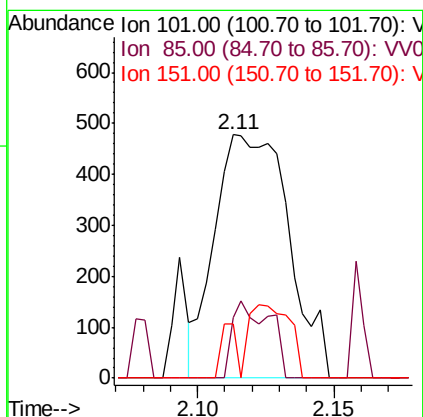
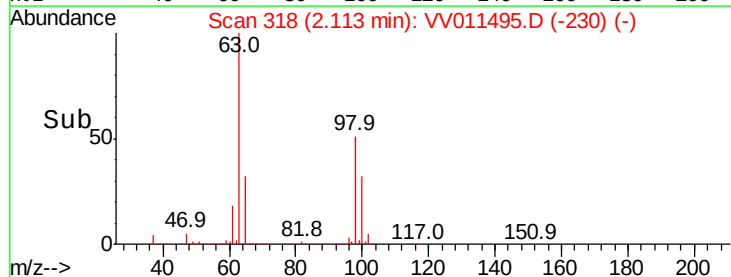
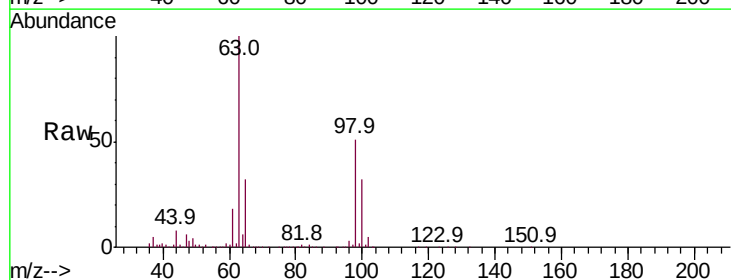
Tgt Ion:101 Resp: 900

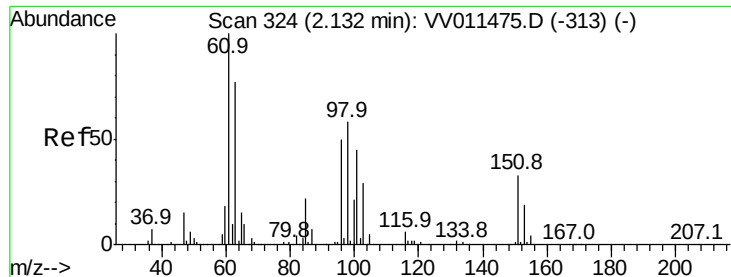
Ion Ratio Lower Upper

101 100

85 15.9 35.5 53.3#

151 4.6 56.9 85.3#





#12

1,1-Dichloroethene

Concen: 0.873 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

Instrument :
MSVOA_V
ClientSampleId :

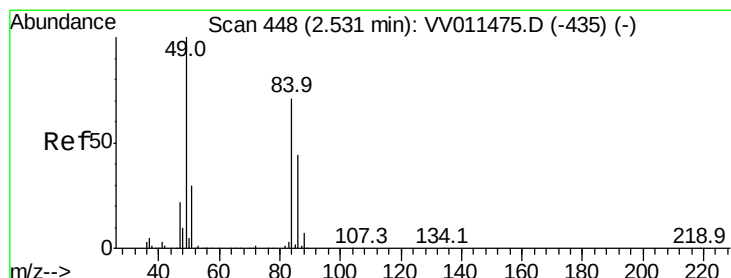
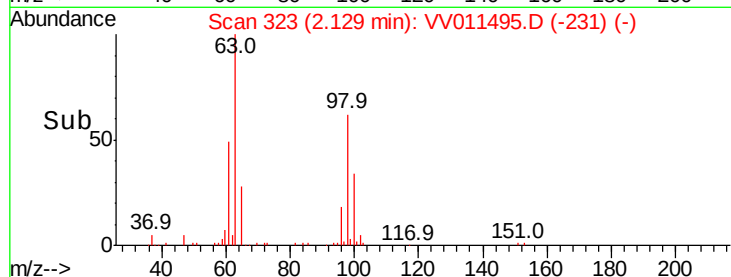
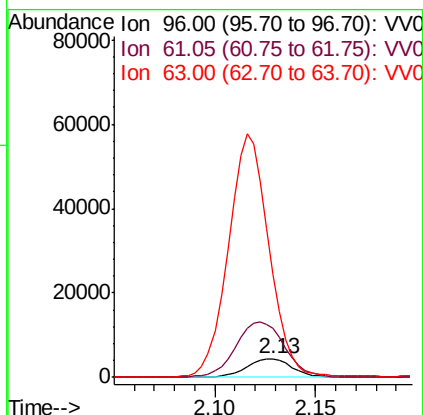
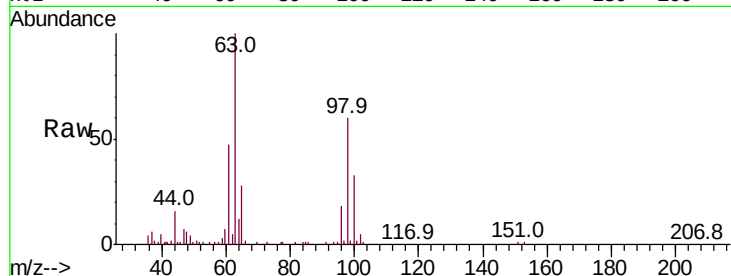
Tot Ion: 96 Resp: 6886

Ion Ratio Lower Upper

96 100

61 261.5 139.8 259.6#

63 552.0 94.3 175.1#



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

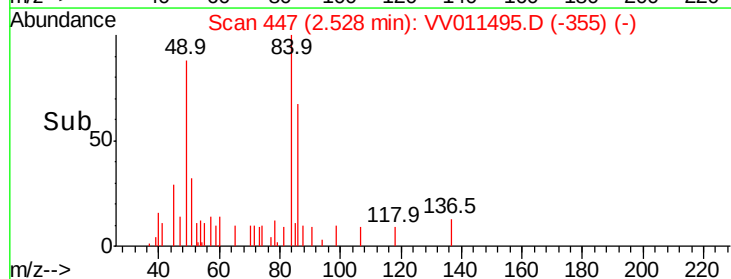
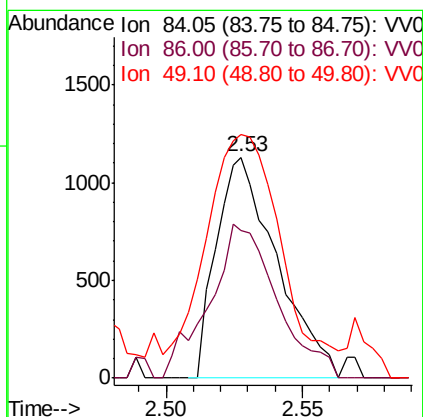
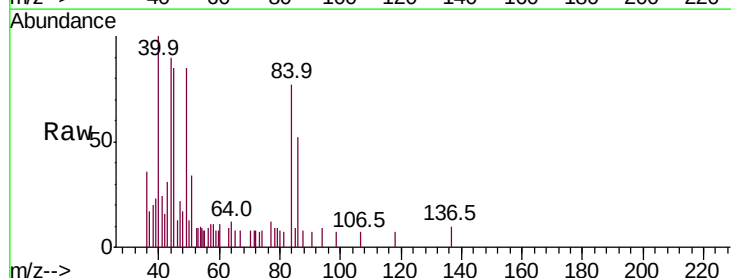
Tgt Ion: 84 Resp: 1744

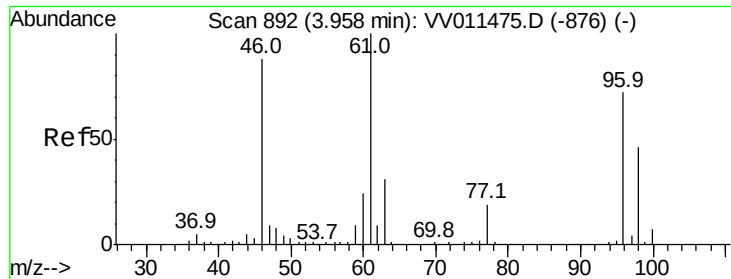
Ion Ratio Lower Upper

84 100

86 67.0 44.9 83.3

49 110.4 102.1 189.5



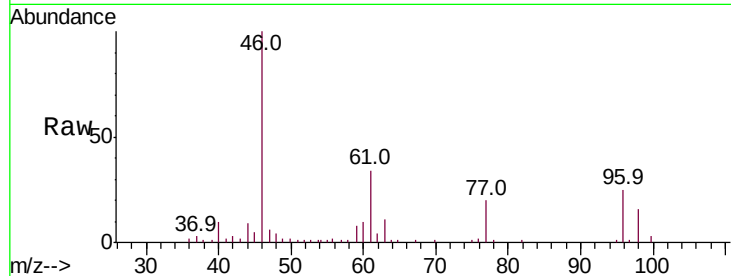


#22

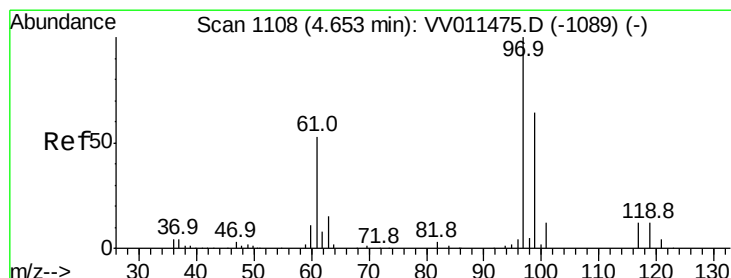
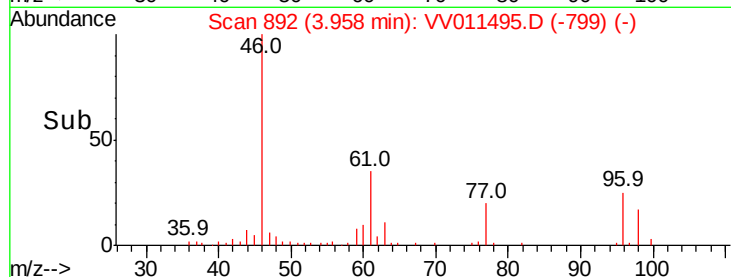
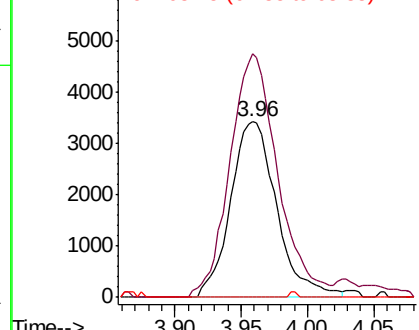
cis-1,2-Dichloroethene
Concen: 0.846 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011495.D
Acq: 14 Jun 2019 08:38

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 8274
Ion Ratio Lower Upper
96 100
61 138.8 100.8 187.2
68 0.0 0.0 0.0



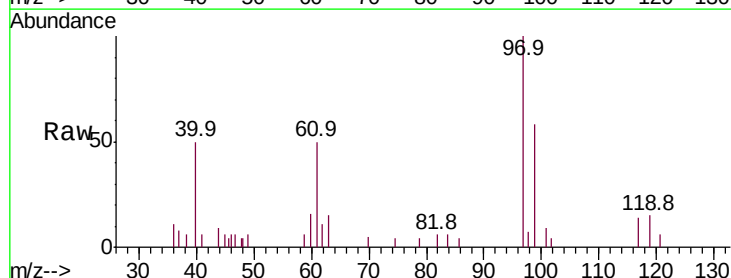
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



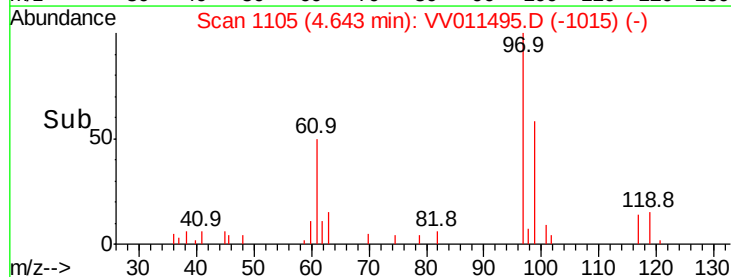
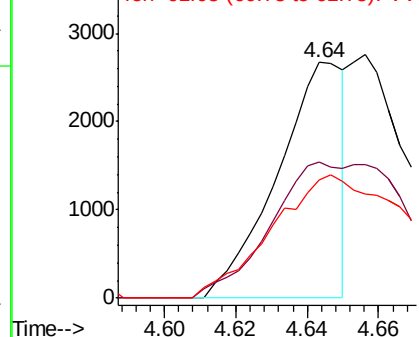
#29

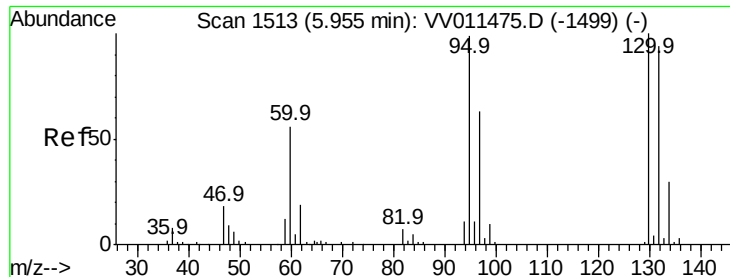
1,1,1-Trichloroethane
Concen: 0.234 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VV011495.D
Acq: 14 Jun 2019 08:38

Tgt Ion: 97 Resp: 3449
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 108.4 38.9 58.3#



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 11.568 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 110065

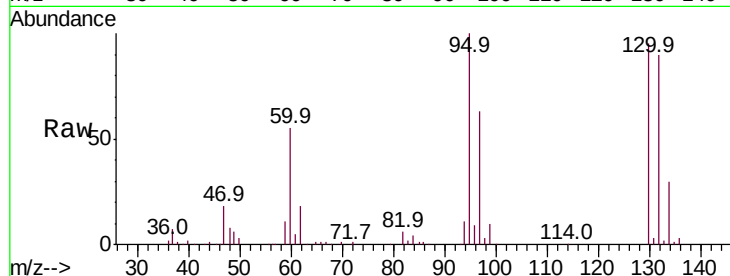
Ion Ratio Lower Upper

95 100

97 63.2 45.8 85.2

132 90.3 66.4 123.2

130 95.4 68.3 126.8

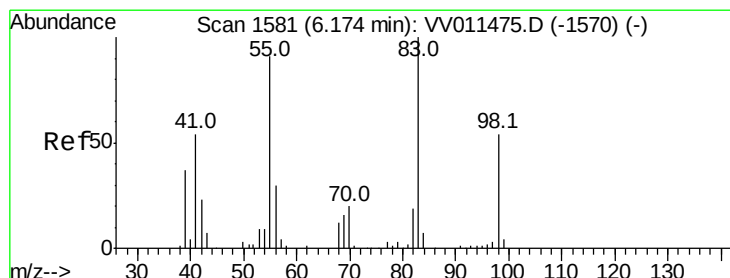
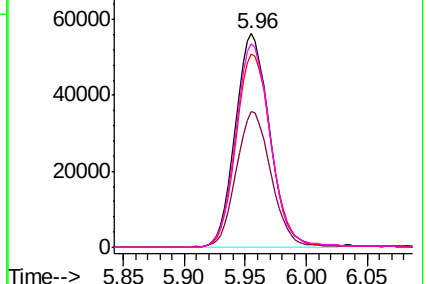
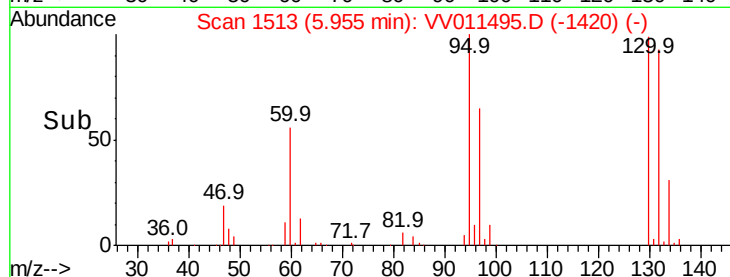


Abundance Ion 95.00 (94.70 to 95.70): VV011495.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011495.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011495.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011495.D (-1420) (-)



#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

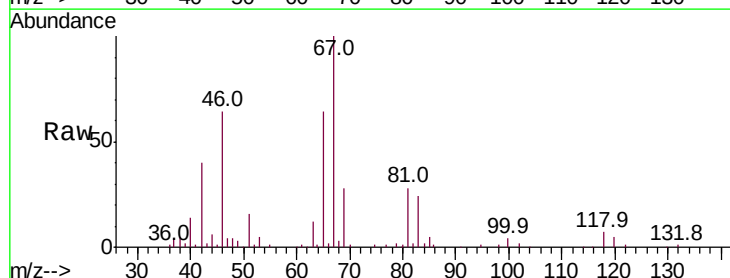
Tgt Ion: 83 Resp: 13138

Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.6#

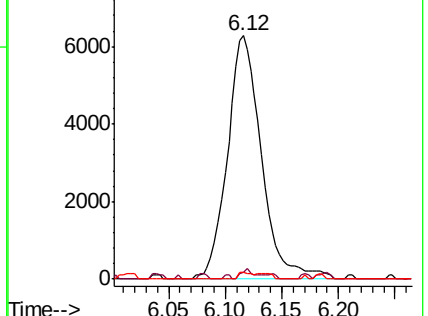
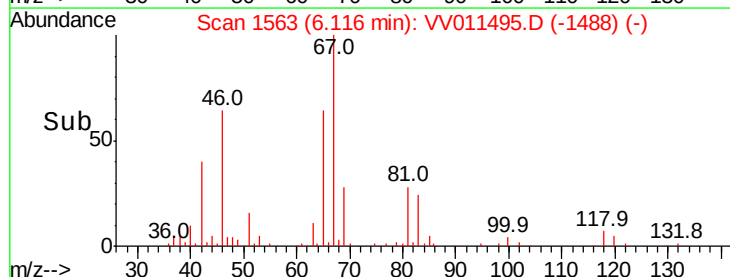
98 1.1 40.0 60.0#

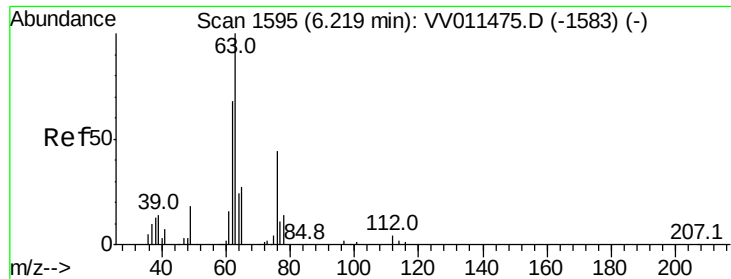


Abundance Ion 83.15 (82.85 to 83.85): VV011495.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV011495.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV011495.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 0.749 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

Instrument :

MSVOA_V

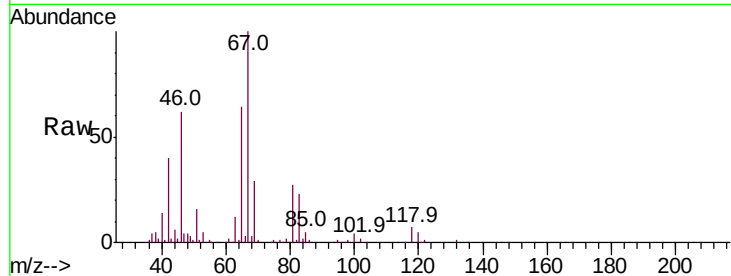
ClientSampleId :

Tot Ion: 63 Resp: 6862

Ion Ratio Lower Upper

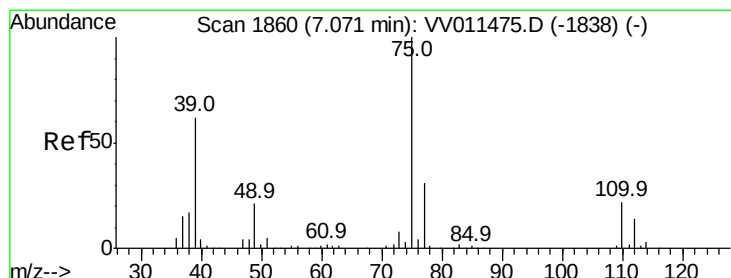
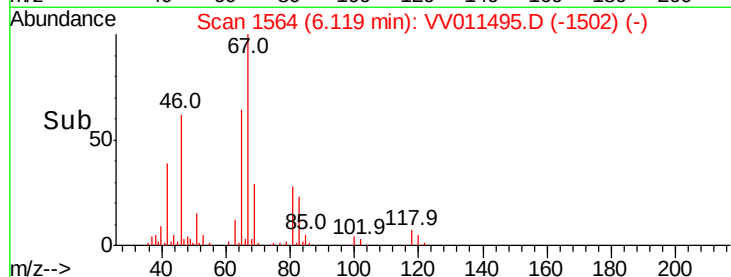
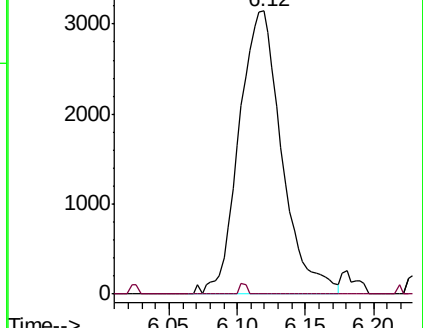
63 100

112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011475.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV011475.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011495.D

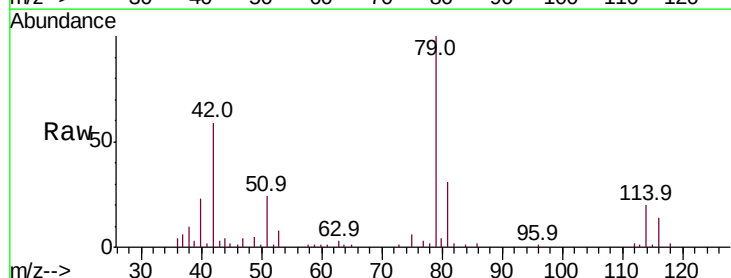
Acq: 14 Jun 2019 08:38

Tgt Ion: 75 Resp: 1562

Ion Ratio Lower Upper

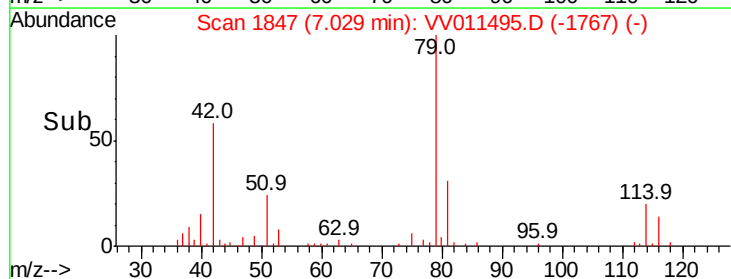
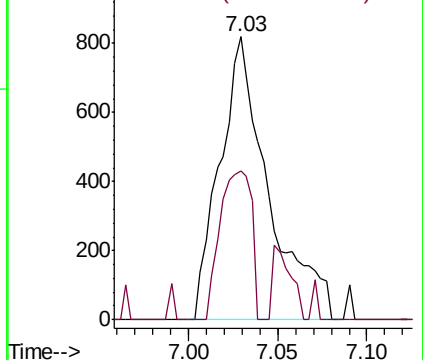
75 100

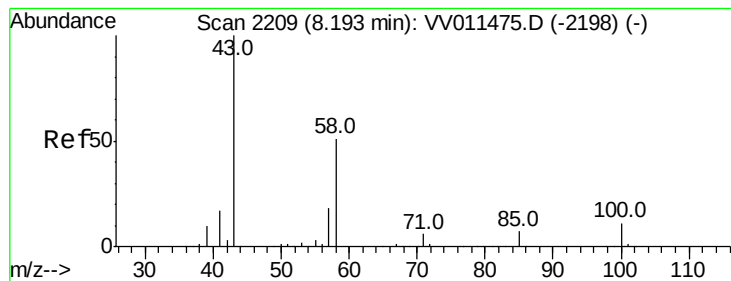
77 52.7 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV011475.D (-1838) (-)

Ion 77.05 (76.75 to 77.75): VV011475.D (-1838) (-)





#48

2-Hexanone

Concen: 3.266 ug/L

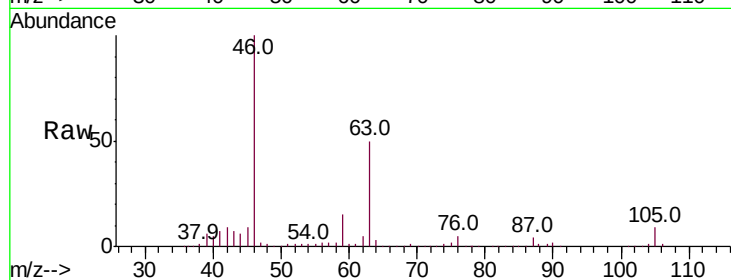
RT: 8.15 min Scan# 2195

Delta R.T. -0.04 min

Lab File: VV011495.D

Acq: 14 Jun 2019 08:38

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:	43	Resp:	13297
Ion	Ratio	Lower	Upper
43	100		
58	28.8	41.4	62.0#
57	31.1	15.0	22.4#
100	0.6	9.0	13.4#

