

Data File : VV013663.D
Acq On : 18 Nov 2019 17:47
Operator : SY/MD
Sample : K5910-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ1

Quant Time: Nov 19 04:29:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102494	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	98279	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	147024	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.92	46	255700	52.02	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	230130	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	116797	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	457807	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.11	67	142806	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	391060	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	47975	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.13	63	179621	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	94498	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	154935	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

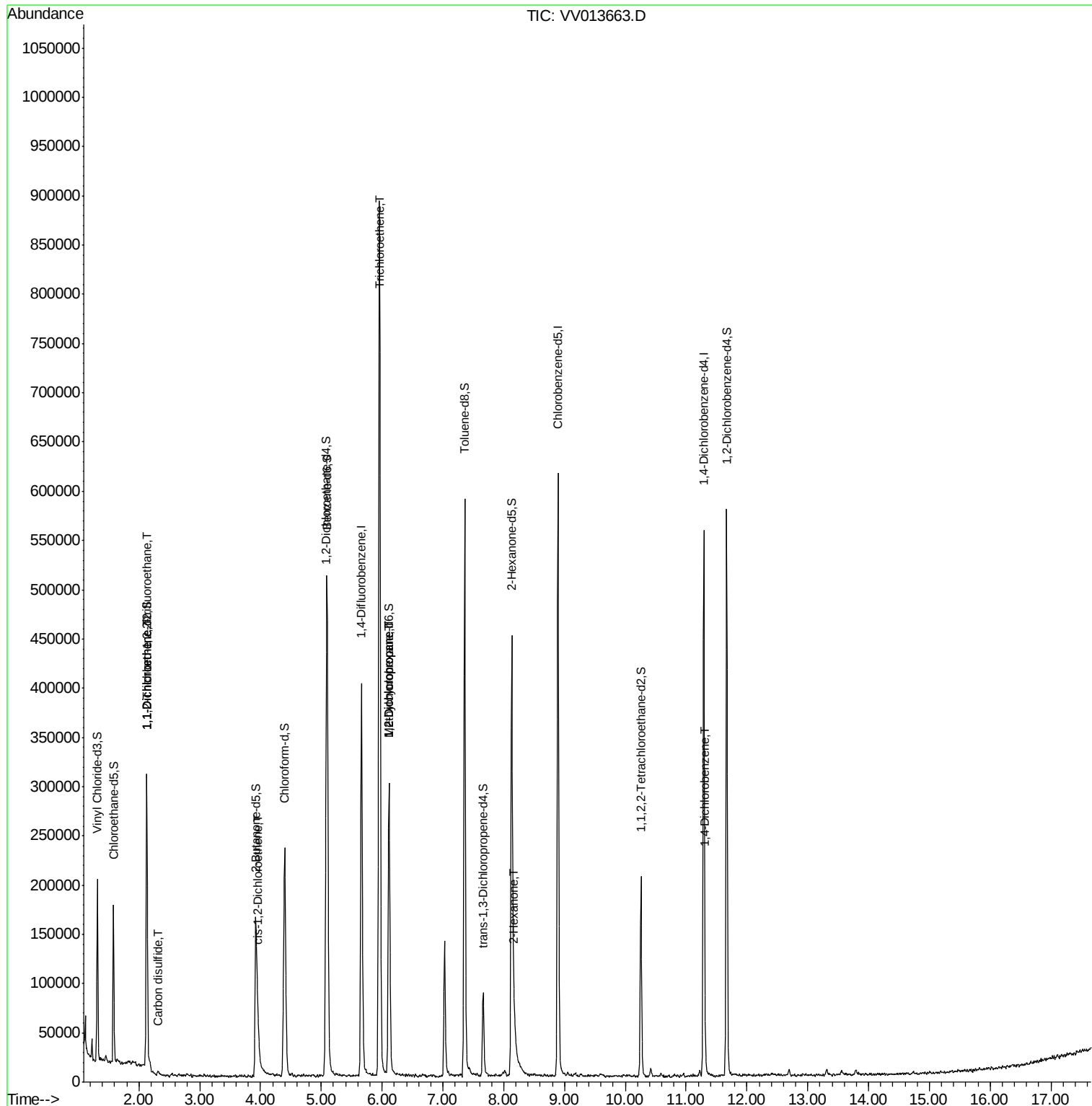
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1740	0.082	ug/L #	24
12) 1,1-Dichloroethene	2.14	96	5924	0.288	ug/L #	1
14) Carbon disulfide	2.32	76	3651	0.051	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	12652	0.481	ug/L #	99
34) Trichloroethene	5.96	95	305161	10.740	ug/L	99
35) Methylcyclohexane	6.12	83	35107	0.810	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15402	0.606	ug/L #	85
48) 2-Hexanone	8.18	43	10703	1.020	ug/L #	52
63) 1,4-Dichlorobenzene	11.32	146	6416	0.125	ug/L	89

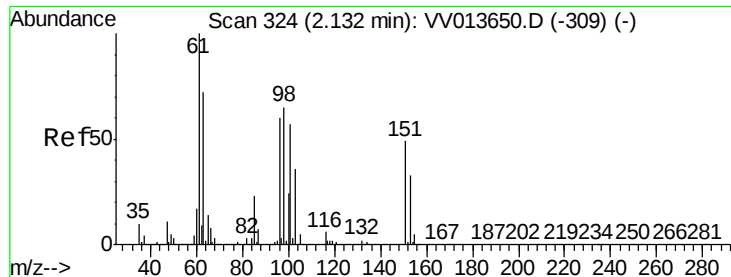
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 18 Nov 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1

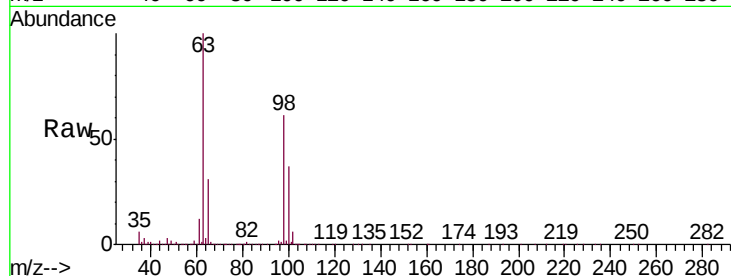
Tgt Ion: 101 Resp: 1740

Ion Ratio Lower Upper

101 100

85 8.4 32.0 48.0#

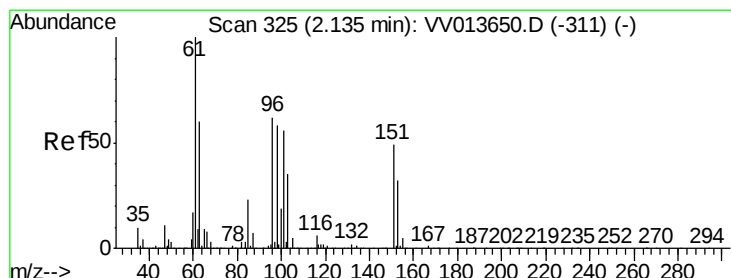
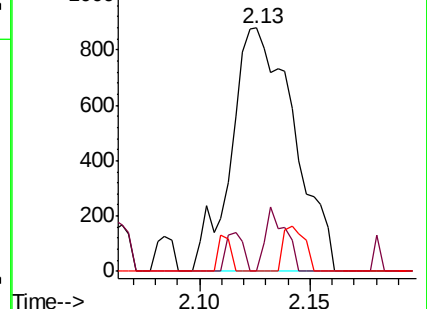
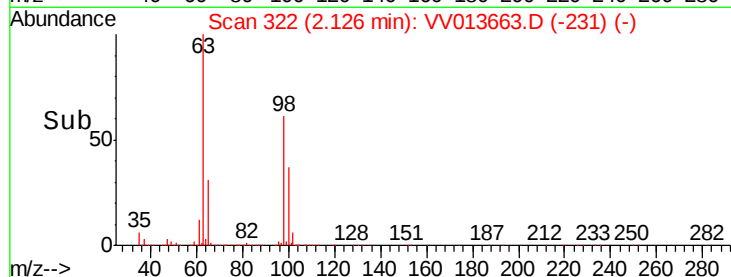
151 6.3 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.288 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

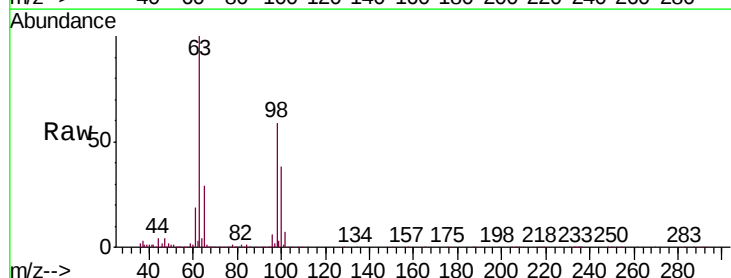
Tgt Ion: 96 Resp: 5924

Ion Ratio Lower Upper

96 100

61 341.8 112.5 208.9#

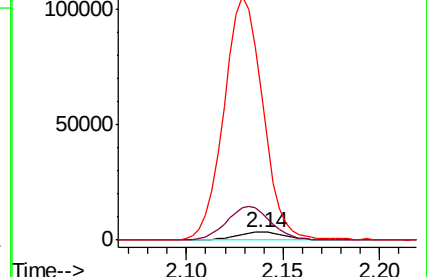
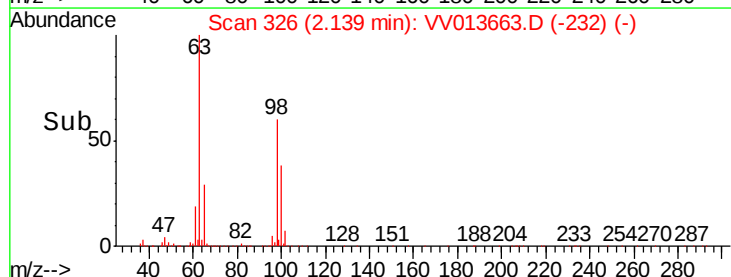
63 1813.7 76.9 142.7#

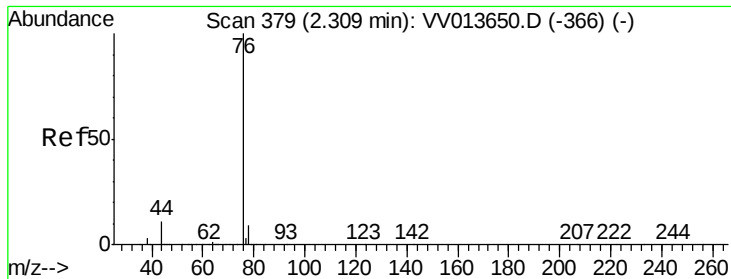


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.051 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

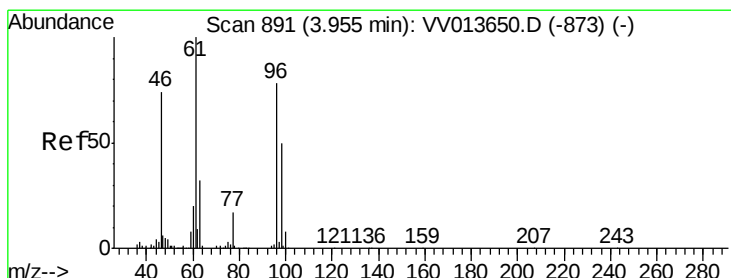
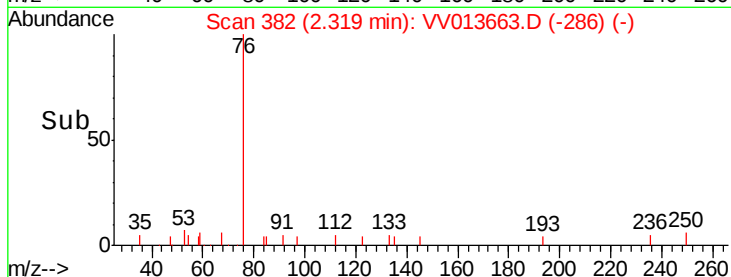
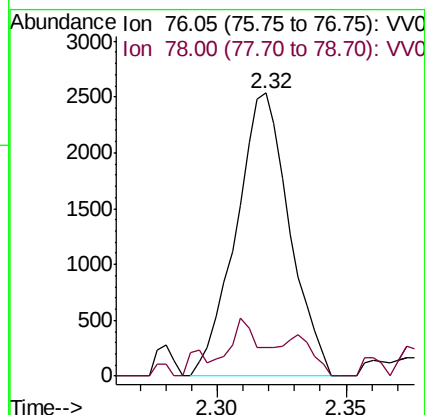
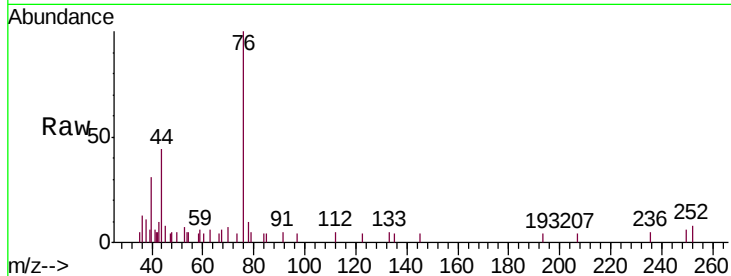
GAQJ1

Tgt Ion: 76 Resp: 3651

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2



#22

cis-1,2-Dichloroethene

Concen: 0.481 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

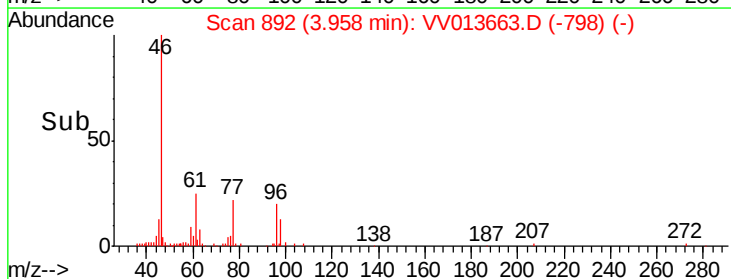
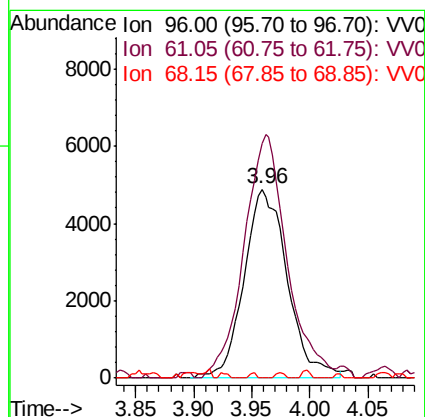
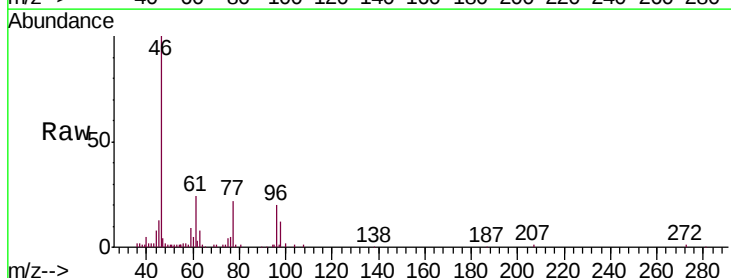
Tgt Ion: 96 Resp: 12652

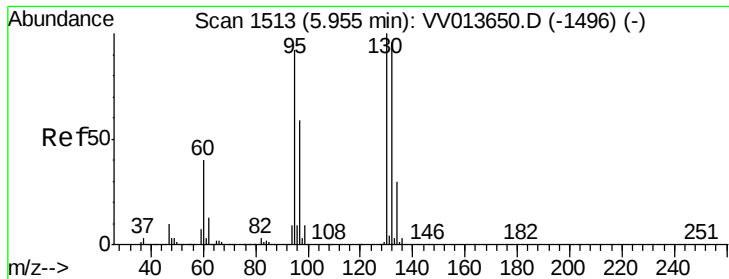
Ion Ratio Lower Upper

96 100

61 124.3 87.7 162.9

68 0.0 0.1 0.3#





#34

Trichloroethene

Concen: 10.740 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1

Tgt Ion: 95 Resp: 305161

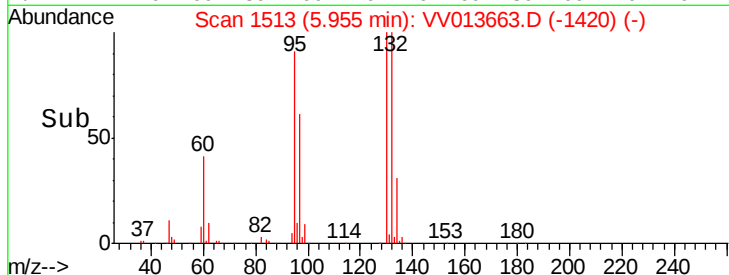
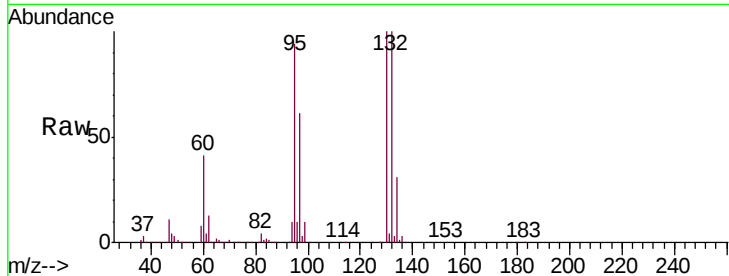
Ion Ratio Lower Upper

95 100

97 64.5 44.8 83.2

132 105.6 72.9 135.3

130 105.9 75.1 139.5



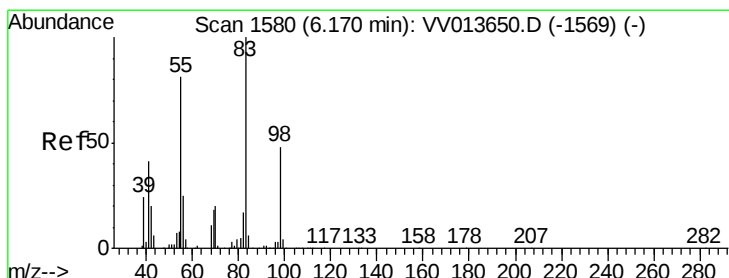
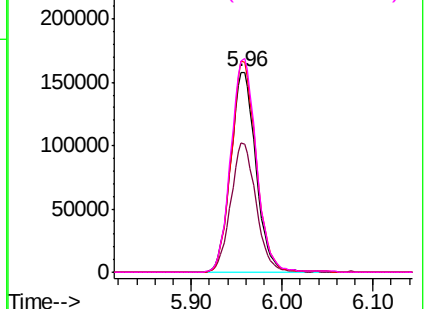
Abundance

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: 0.810 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

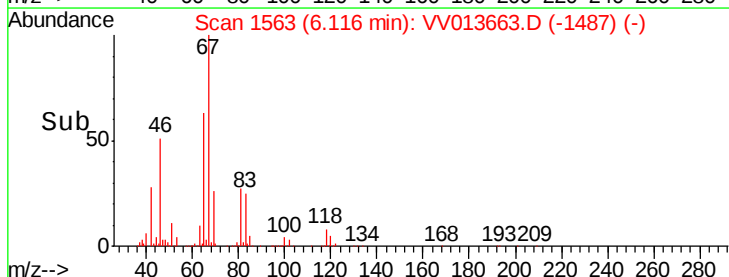
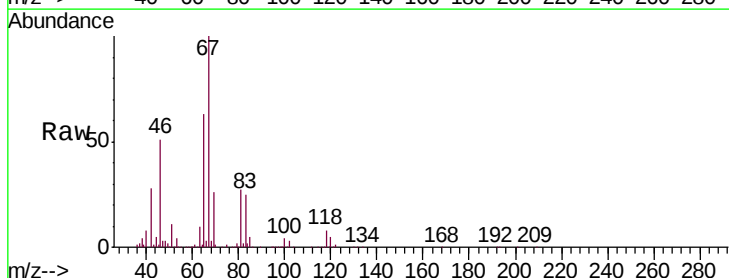
Tgt Ion: 83 Resp: 35107

Ion Ratio Lower Upper

83 100

55 0.4 64.1 96.1#

98 1.2 38.2 57.2#

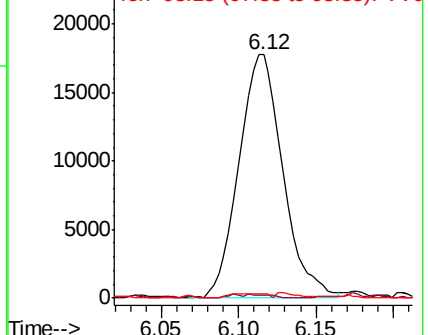


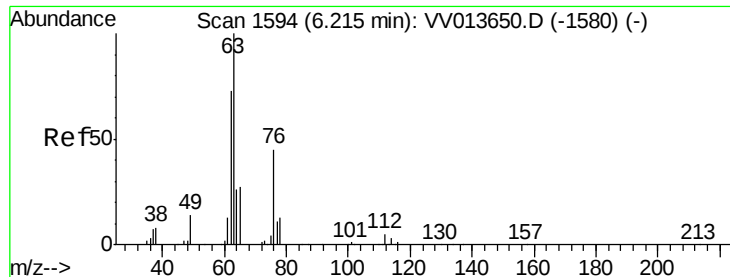
Abundance

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: 0.606 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

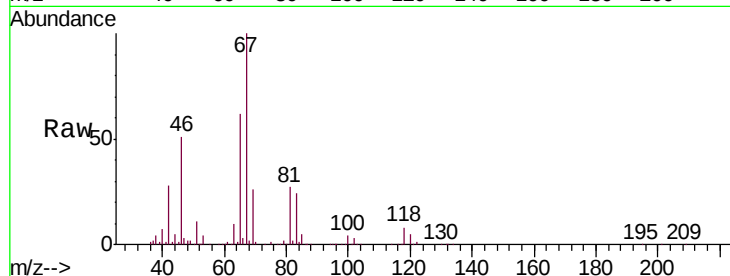
GAQJ1

Tgt Ion: 63 Resp: 15402

Ion Ratio Lower Upper

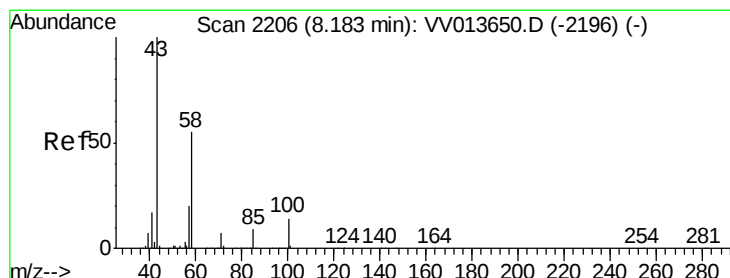
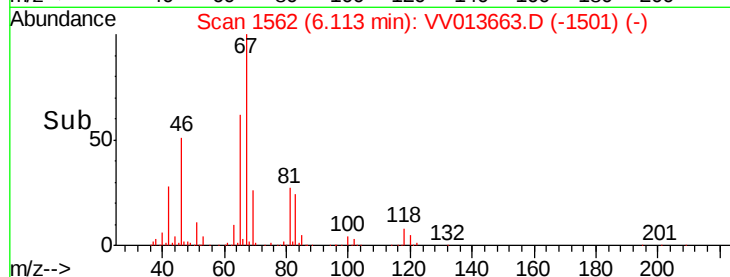
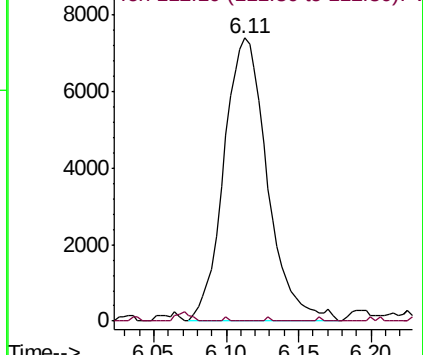
63 100

112 0.1 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 1.020 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

Tgt Ion: 43 Resp: 10703

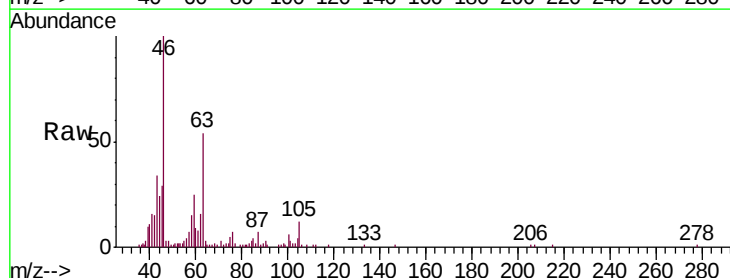
Ion Ratio Lower Upper

43 100

58 4.4 43.0 64.6#

57 11.5 15.4 23.2#

100 14.9 10.1 15.1

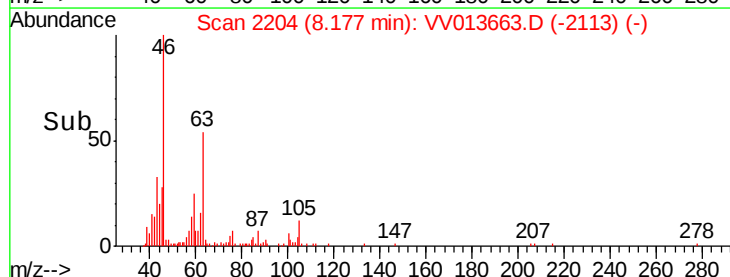
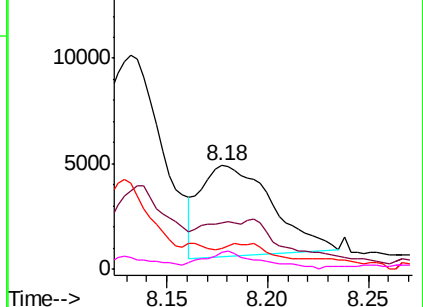


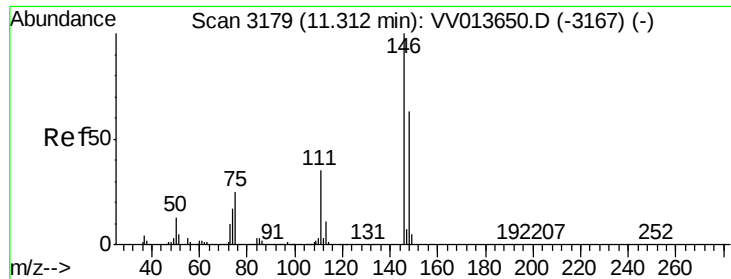
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#63

1,4-Dichlorobenzene

Concen: 0.125 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1

Tgt Ion:146 Resp: 6416

Ion Ratio Lower Upper

146 100

111 34.0 25.6 47.6

148 77.2 45.6 84.8

