

Data File : VV013714.D
Acq On : 21 Nov 2019 15:31
Operator : SY/MD
Sample : K5941-07 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Quant Time: Nov 22 03:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338725	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	327283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109243	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.56	69	76408	4.09	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.12	63	156763	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.93	46	251205	51.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.39	84	226630	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	111513	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.09	84	461485	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	140329	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	401441	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.66	79	46726	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	179054	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93599	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	164929	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

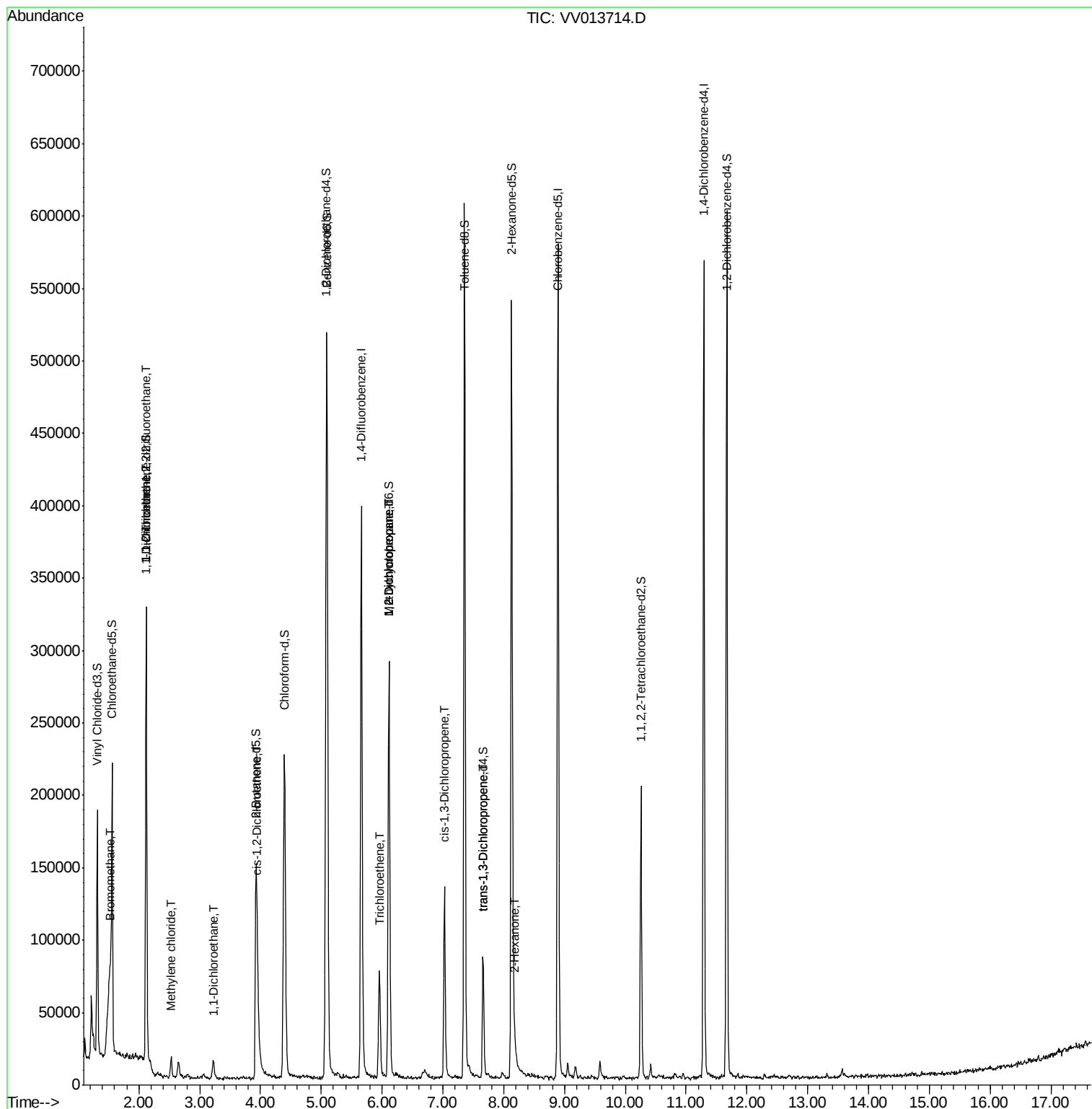
					Qvalue
6) Bromomethane	1.52	94	1515	0.087 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1904	0.091 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	5674	0.280 ug/L #	1
16) Methylene chloride	2.53	84	5806	0.206 ug/L	99
19) 1,1-Dichloroethane	3.22	63	10633	0.239 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	4532	0.175 ug/L #	83
34) Trichloroethene	5.96	95	24583	0.927 ug/L	91
35) Methylcyclohexane	6.11	83	32824	0.812 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	16540	0.697 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	3173	0.093 ug/L	86
44) trans-1,3-Dichloropropene	7.66	75	1875	0.070 ug/L	92
48) 2-Hexanone	8.18	43	10354	1.058 ug/L #	70

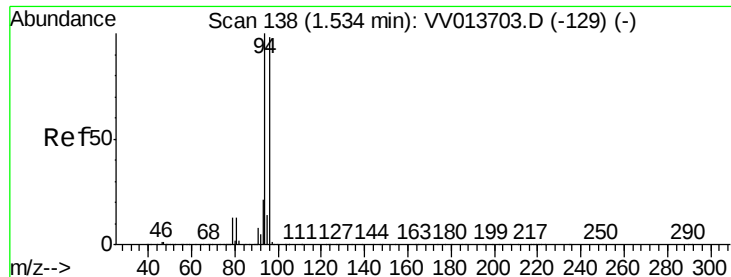
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.087 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.02 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Instrument :

MSVOA_V

ClientSampled :

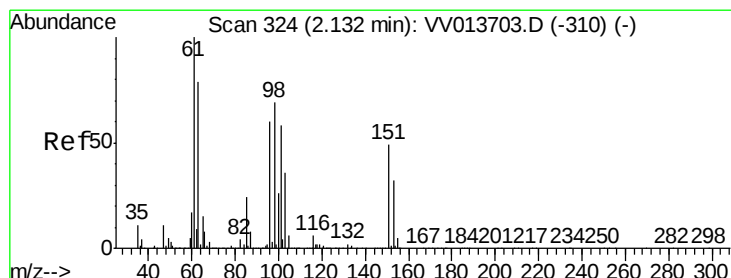
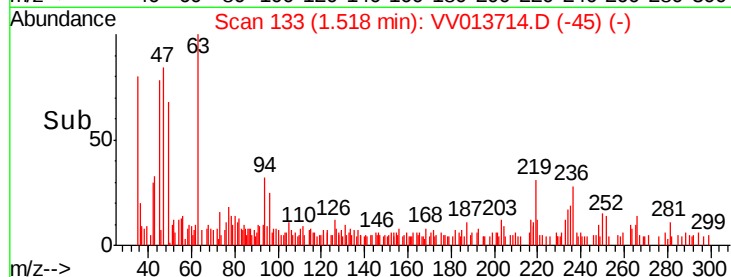
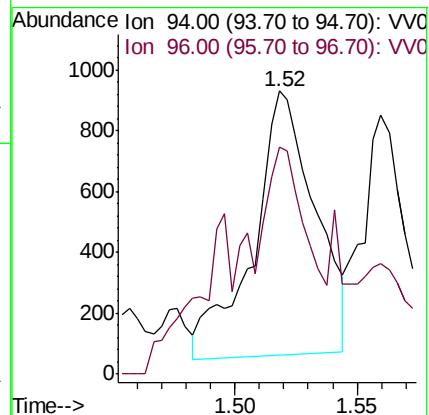
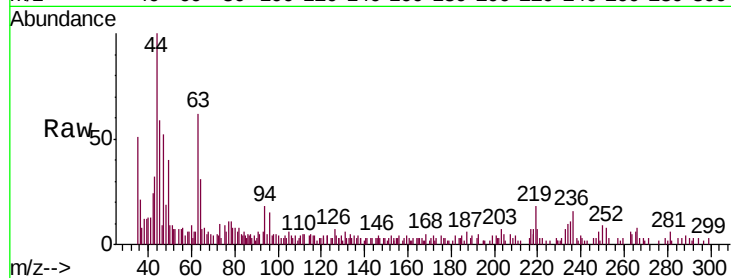
B0AB9

Tgt Ion: 94 Resp: 1515

Ion Ratio Lower Upper

94 100

96 80.3 67.0 124.4



#10

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

Concen: 0.091 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

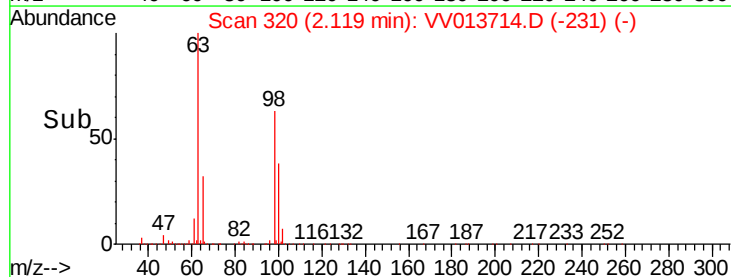
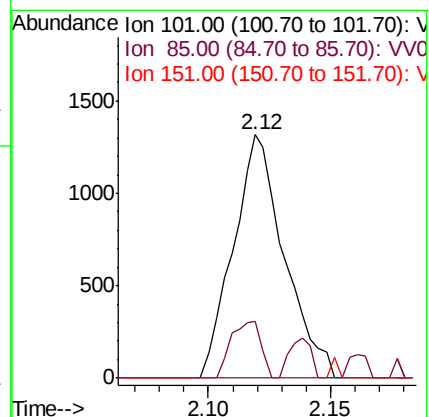
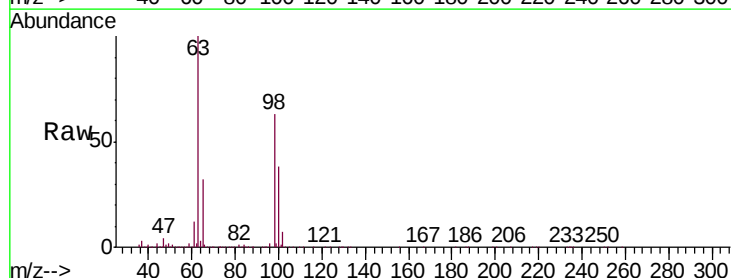
Tgt Ion: 101 Resp: 1904

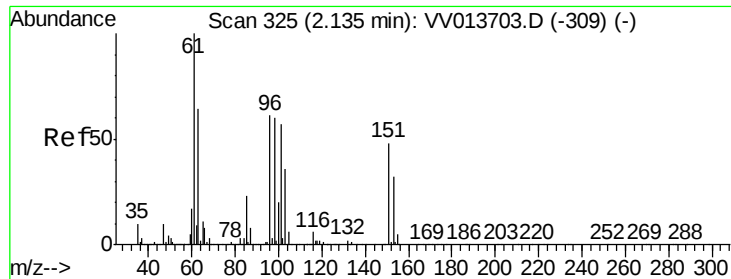
Ion Ratio Lower Upper

101 100

85 13.9 32.0 48.0#

151 0.0 69.0 103.6#

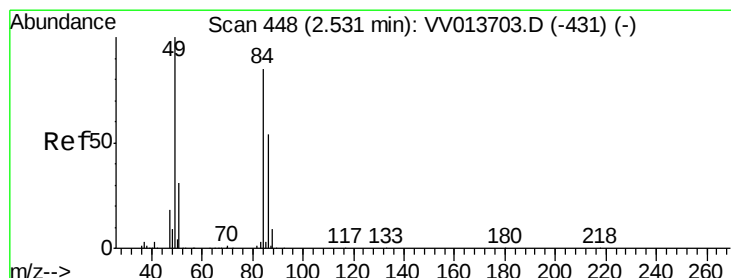
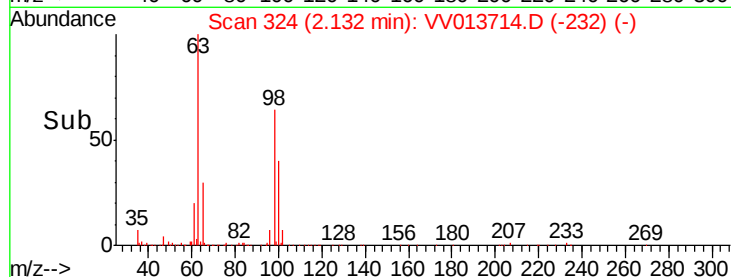
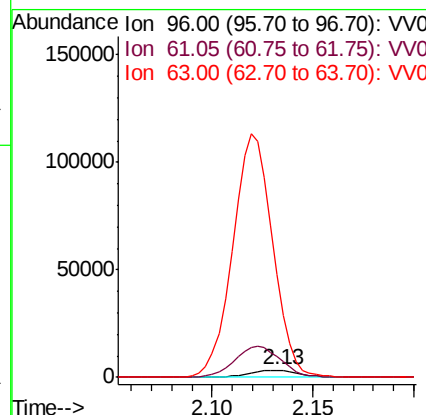
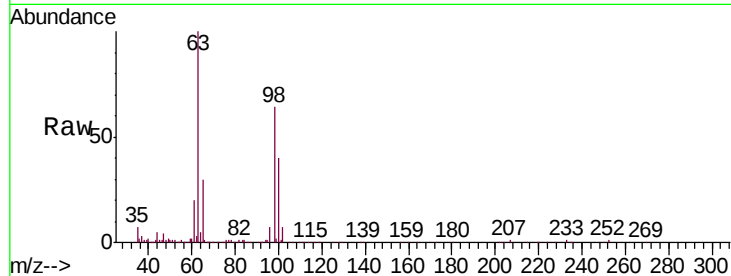




#12
 1,1-Dichloroethene
 Concen: 0.280 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV013714.D
 Acq: 21 Nov 2019 15:31

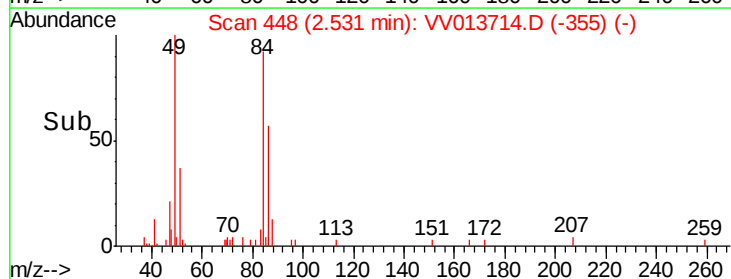
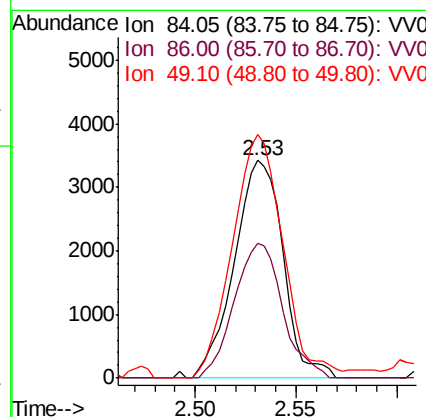
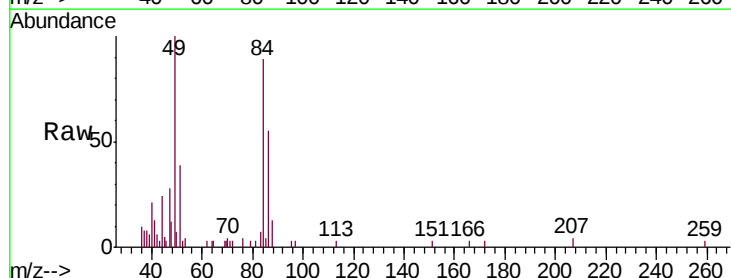
Instrument :
 MSVOA_V
 ClientSampleId :
 B0AB9

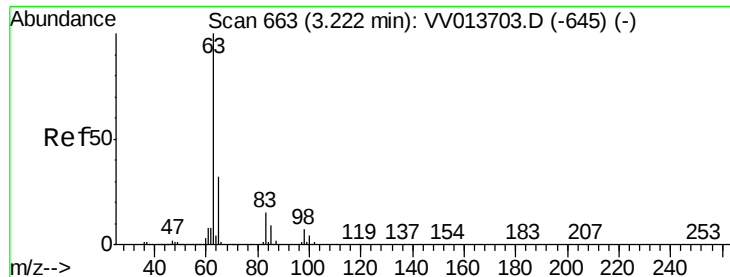
Tgt Ion: 96 Resp: 5674
 Ion Ratio Lower Upper
 96 100
 61 286.3 112.5 208.9#
 63 1406.0 76.9 142.7#



#16
 Methylene chloride
 Concen: 0.206 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: VV013714.D
 Acq: 21 Nov 2019 15:31

Tgt Ion: 84 Resp: 5806
 Ion Ratio Lower Upper
 84 100
 86 61.9 44.1 81.9
 49 119.6 83.4 155.0





#19

1,1-Dichloroethane

Concen: 0.239 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Instrument :

MSVOA_V

ClientSampleId :

B0AB9

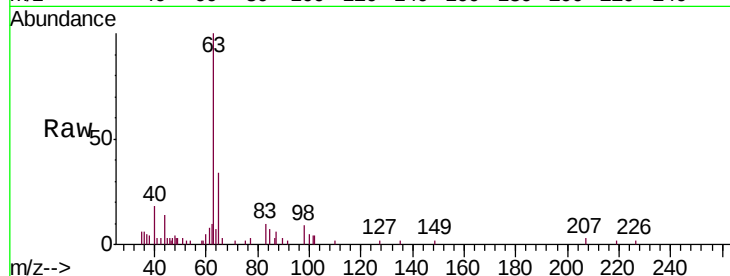
Tgt Ion: 63 Resp: 10633

Ion Ratio Lower Upper

63 100

65 34.3 22.5 41.7

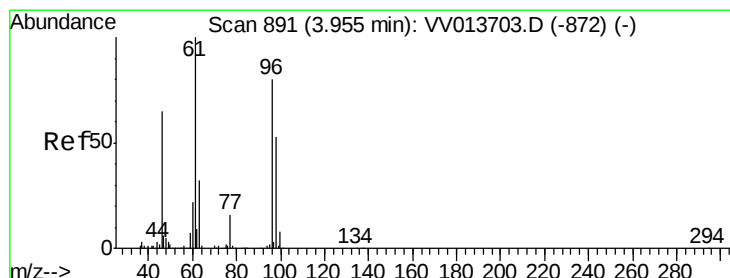
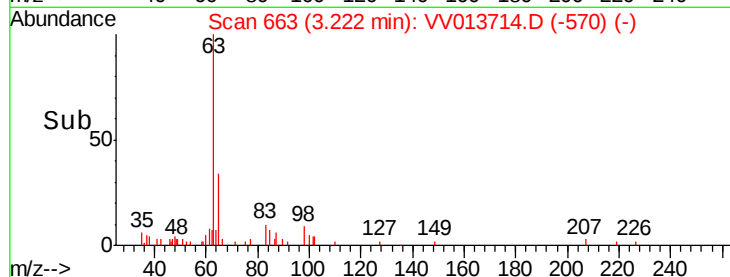
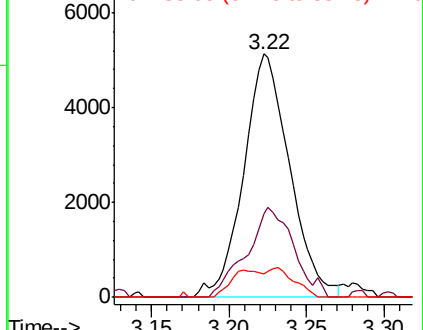
83 9.7 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.175 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

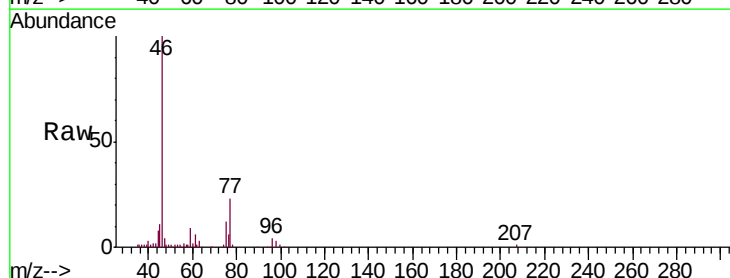
Tgt Ion: 96 Resp: 4532

Ion Ratio Lower Upper

96 100

61 144.9 87.7 162.9

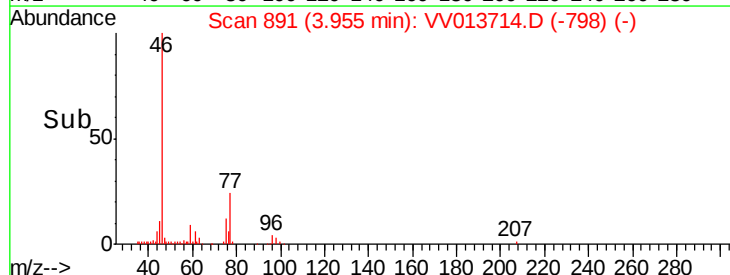
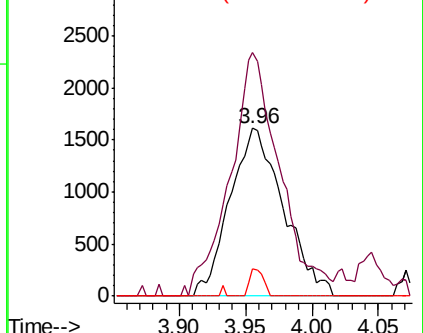
68 16.3 0.1 0.3#

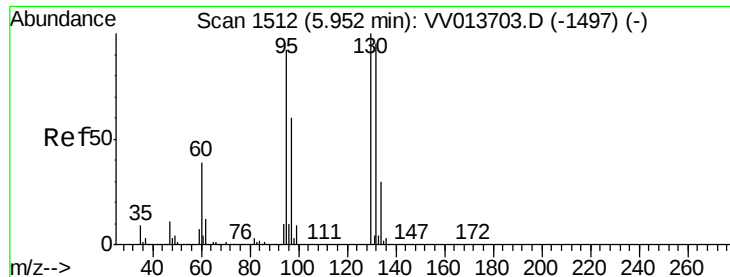


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.927 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Instrument :

MSVOA_V

ClientSampleId :

B0AB9

Tgt Ion: 95 Resp: 24583

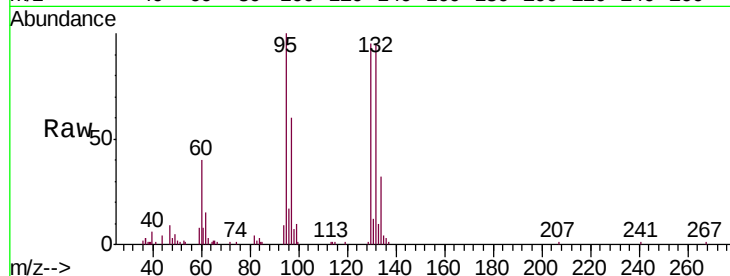
Ion Ratio Lower Upper

95 100

97 59.7 44.8 83.2

132 95.5 72.9 135.3

130 95.5 75.1 139.5

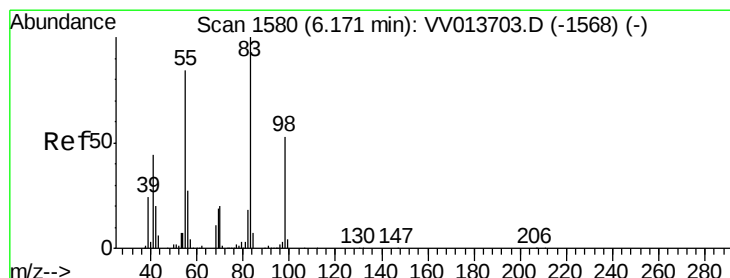
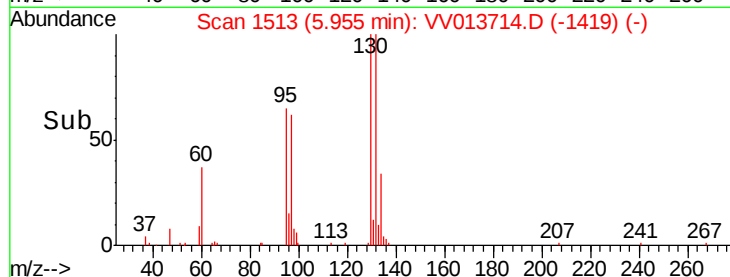
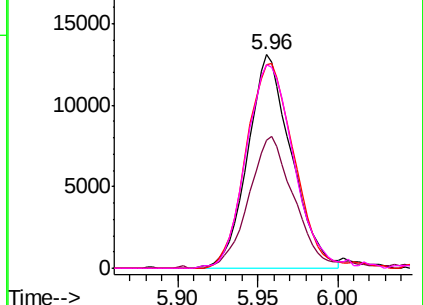


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

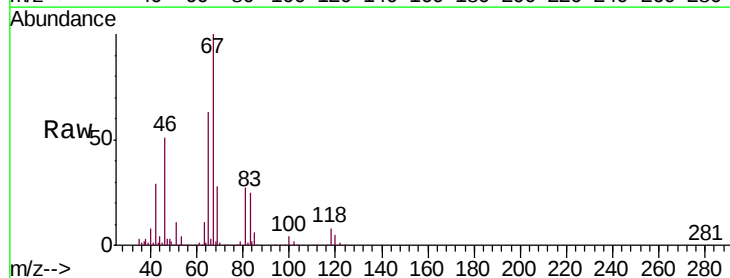
Tgt Ion: 83 Resp: 32824

Ion Ratio Lower Upper

83 100

55 0.5 64.1 96.1#

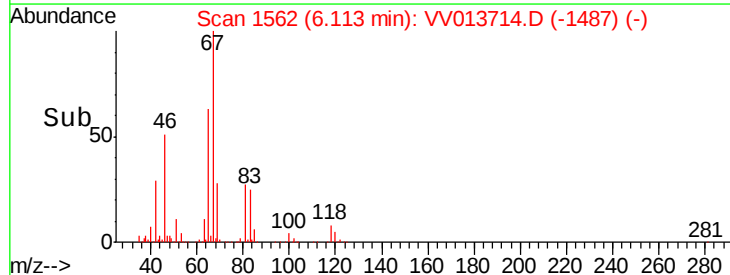
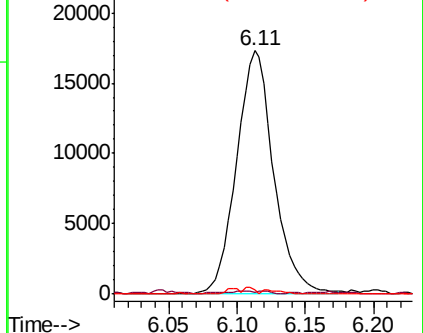
98 0.9 38.2 57.2#

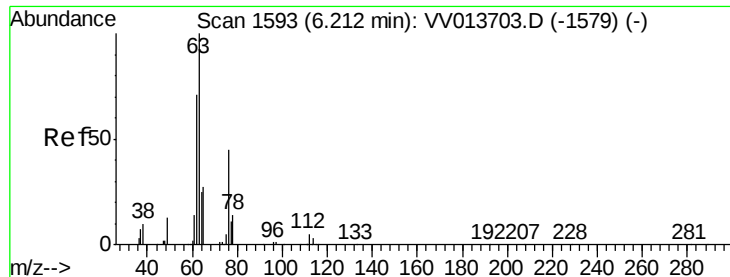


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.697 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.10 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Instrument :

MSVOA_V

ClientSampleId :

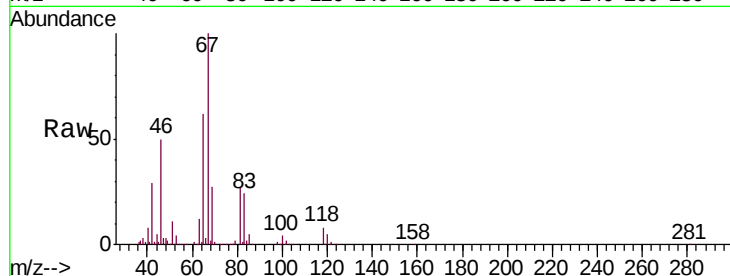
B0AB9

Tgt Ion: 63 Resp: 16540

Ion Ratio Lower Upper

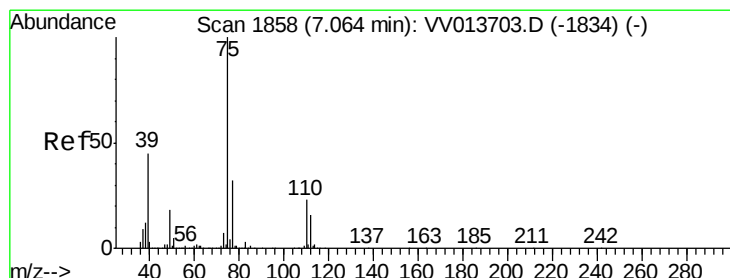
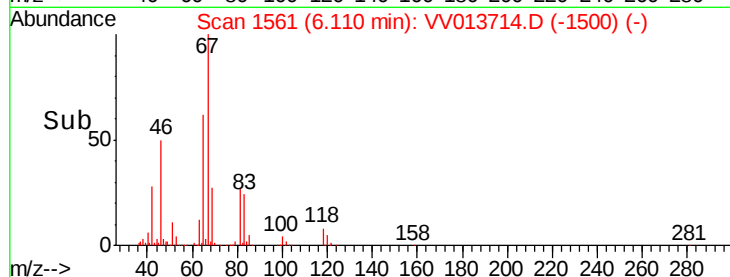
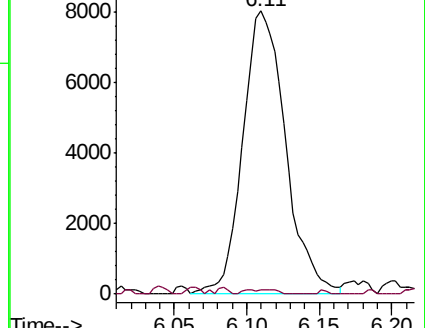
63 100

112 0.7 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013703.D (-1579) (-)

Ion 112.10 (111.80 to 112.80): VV013703.D (-1579) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.02 min Scan# 1844

Delta R.T. -0.04 min

Lab File: VV013714.D

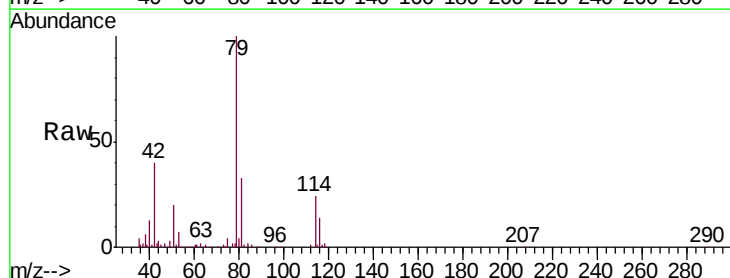
Acq: 21 Nov 2019 15:31

Tgt Ion: 75 Resp: 3173

Ion Ratio Lower Upper

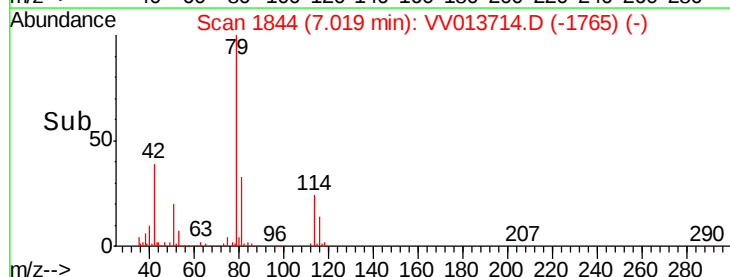
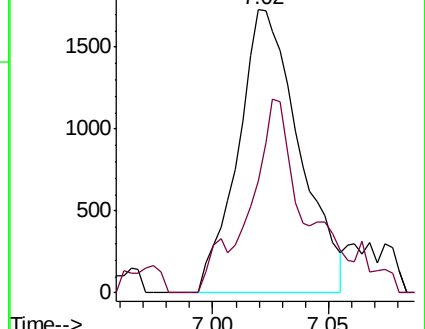
75 100

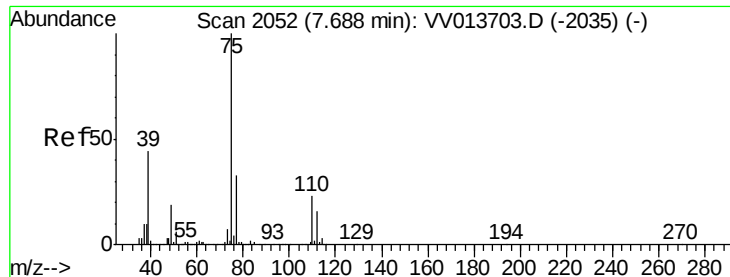
77 39.4 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV013703.D (-1834) (-)

Ion 77.05 (76.75 to 77.75): VV013703.D (-1834) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Instrument :

MSVOA_V

ClientSampleId :

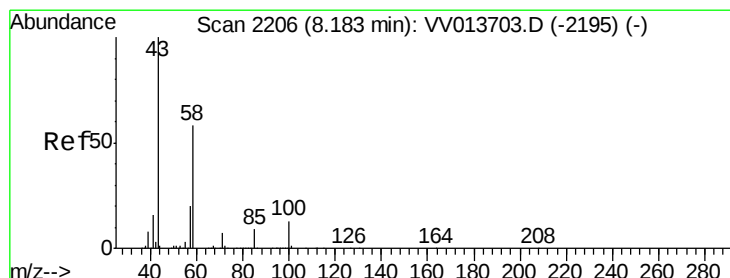
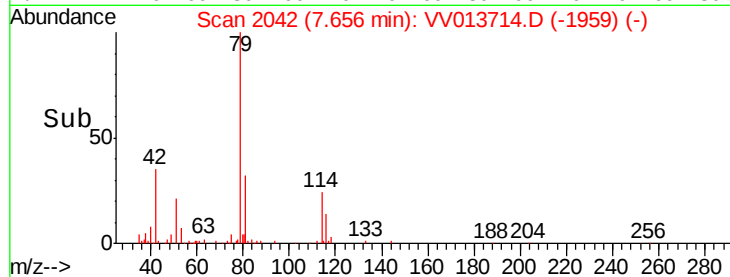
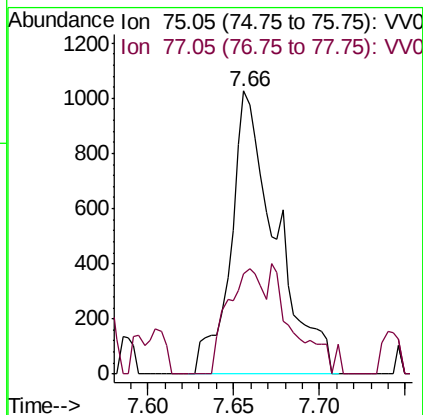
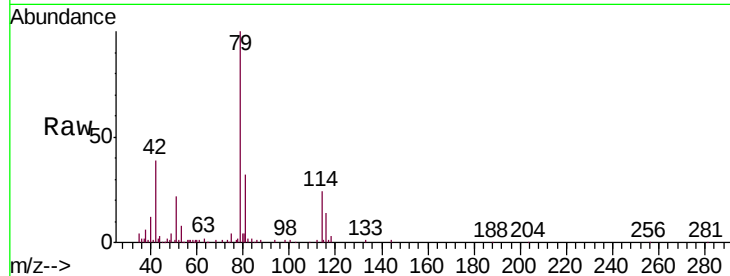
B0AB9

Tgt Ion: 75 Resp: 1875

Ion Ratio Lower Upper

75 100

77 35.4 21.6 40.2



#48

2-Hexanone

Concen: 1.058 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013714.D

Acq: 21 Nov 2019 15:31

Tgt Ion: 43 Resp: 10354

Ion Ratio Lower Upper

43 100

58 35.5 43.0 64.6#

57 0.0 15.4 23.2#

100 1.3 10.1 15.1#

