

Data File : VV013647.D
Acq On : 15 Nov 2019 19:11
Operator : SY/MD
Sample : K5856-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQG8

Quant Time: Nov 15 23:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338779	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105654	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	90980	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	135157	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	291639	60.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.52%
24) Chloroform-d	4.40	84	222110	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	114693	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.09	84	426344	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.11	67	138988	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	364876	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	45393	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.13	63	226998	55.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104343	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	152614	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

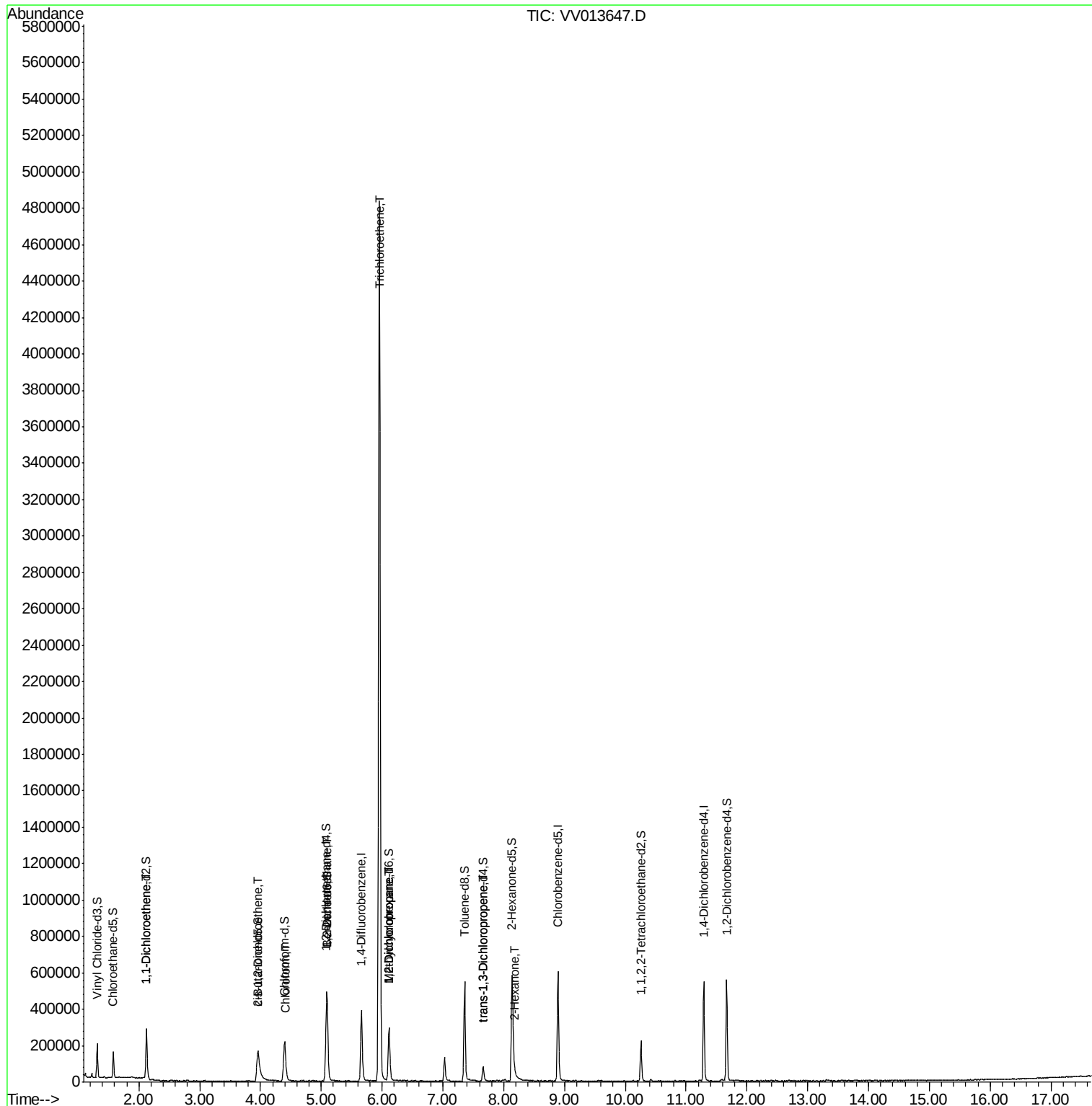
					Qvalue
12) 1,1-Dichloroethene	2.14	96	4978	0.246 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	27364	1.056 ug/L #	94
25) Chloroform	4.42	83	16421	0.272 ug/L	98
27) 1,2-Dichloroethane	5.10	62	2599	0.097 ug/L	99
34) Trichloroethene	5.95	95	1597018	58.218 ug/L	99
35) Methylcyclohexane	6.12	83	33825	0.808 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14985	0.611 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2442	0.088 ug/L #	64
48) 2-Hexanone	8.19	43	8165	0.806 ug/L #	41

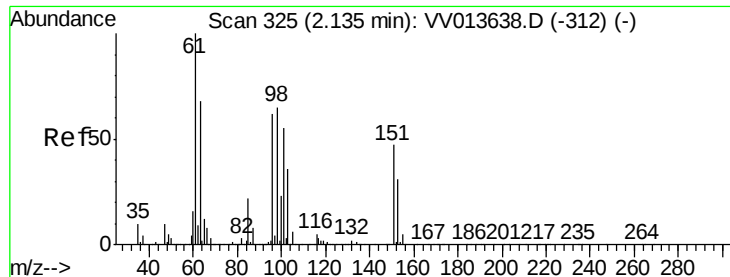
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.246 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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Acq: 15 Nov 2019 19:11

Instrument :

MSVOA_V

ClientSampleId :

GAQG8

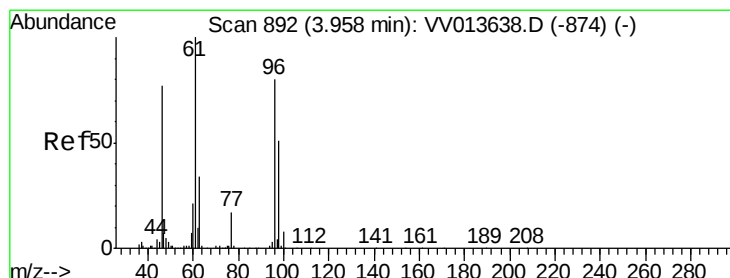
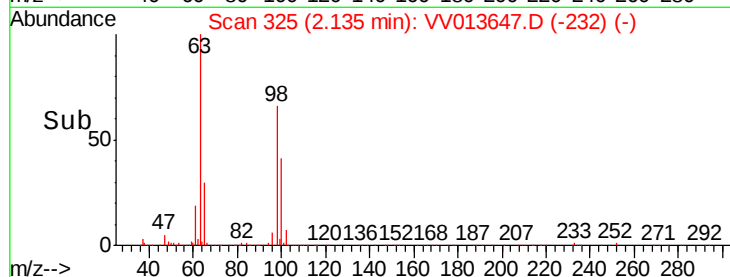
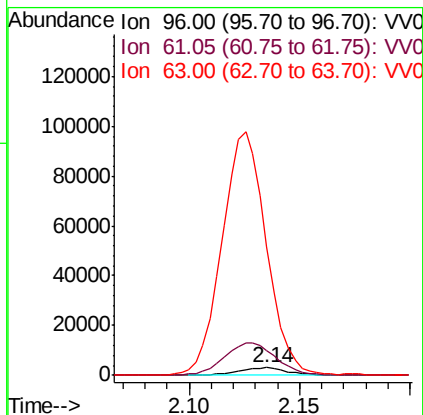
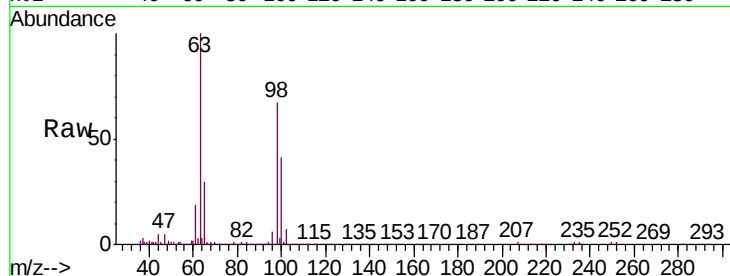
Tgt Ion: 96 Resp: 4978

Ion Ratio Lower Upper

96 100

61 313.4 112.5 208.9#

63 1626.2 76.9 142.7#



#22

cis-1,2-Dichloroethene

Concen: 1.056 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013647.D

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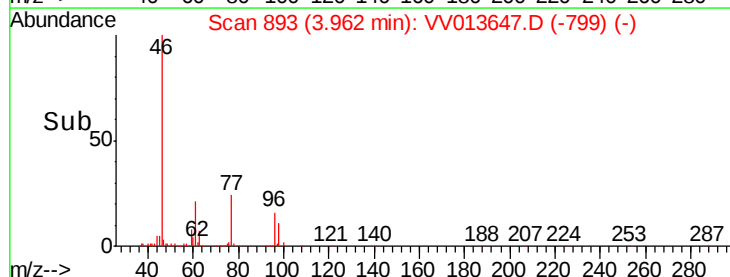
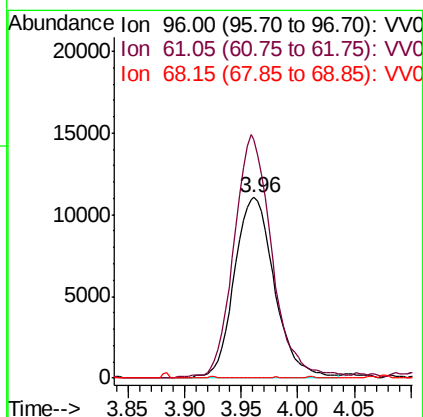
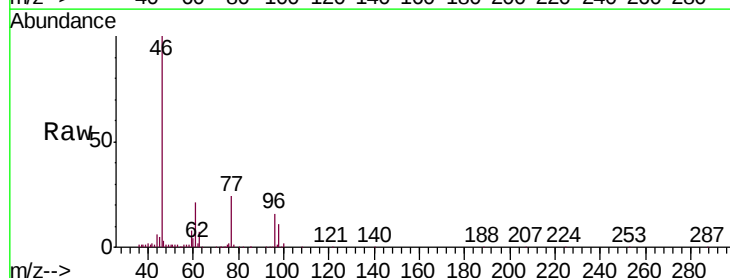
Tgt Ion: 96 Resp: 27364

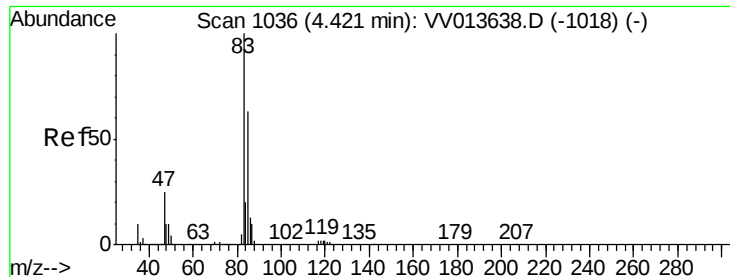
Ion Ratio Lower Upper

96 100

61 132.0 87.7 162.9

68 0.0 0.1 0.3#





#25

Chloroform

Concen: 0.272 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013647.D

Acq: 15 Nov 2019 19:11

Instrument :

MSVOA_V

ClientSampleId :

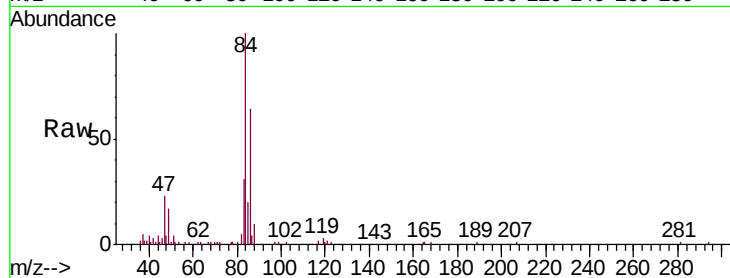
GAQG8

Tgt Ion: 83 Resp: 16421

Ion Ratio Lower Upper

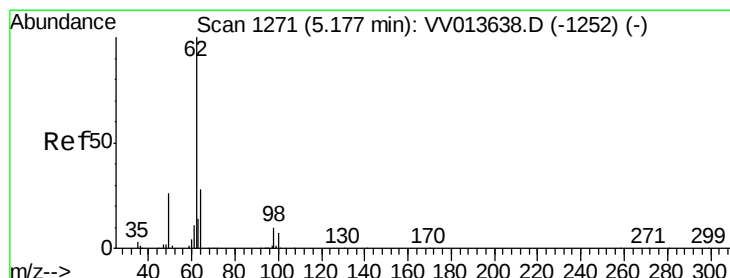
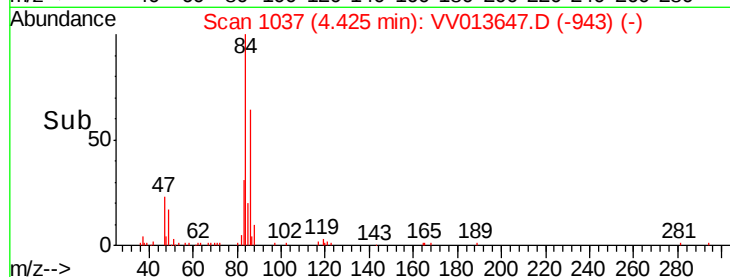
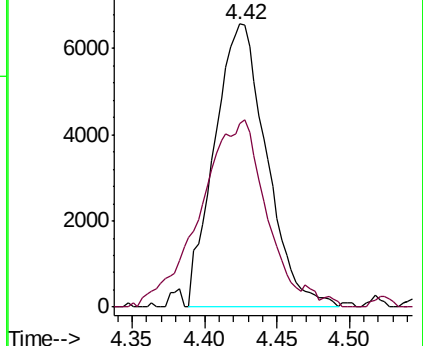
83 100

85 64.7 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013647.D

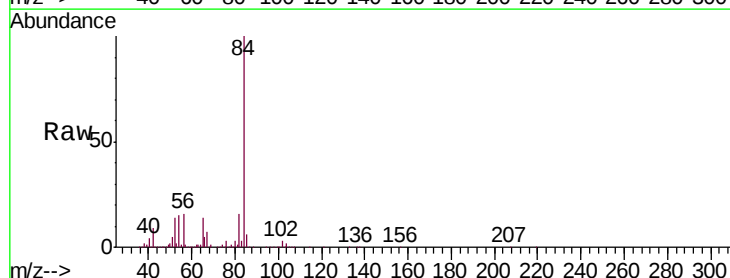
Acq: 15 Nov 2019 19:11

Tgt Ion: 62 Resp: 2599

Ion Ratio Lower Upper

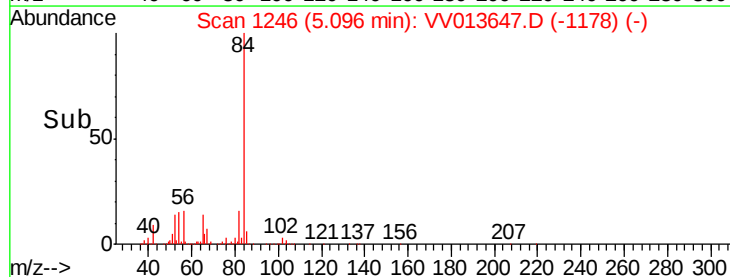
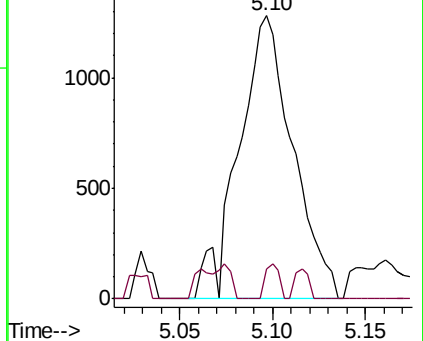
62 100

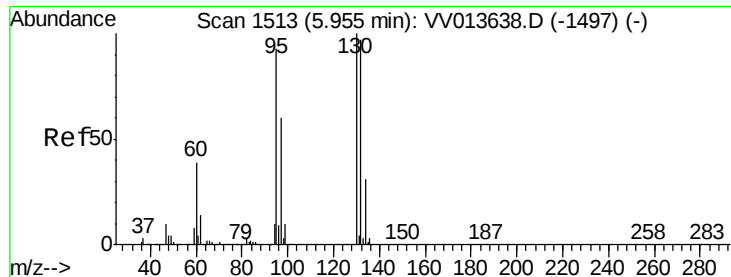
98 10.5 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

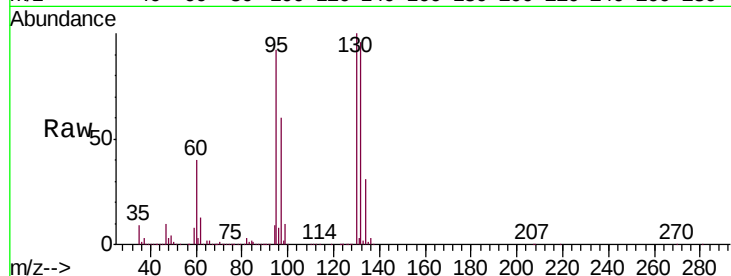




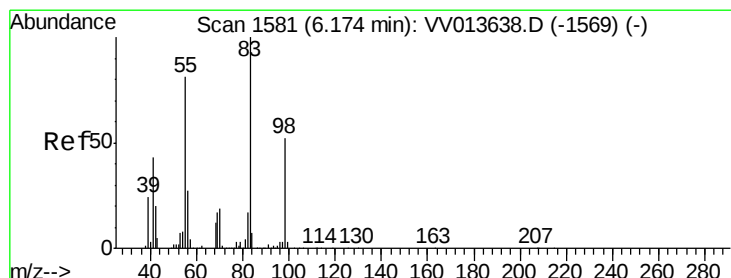
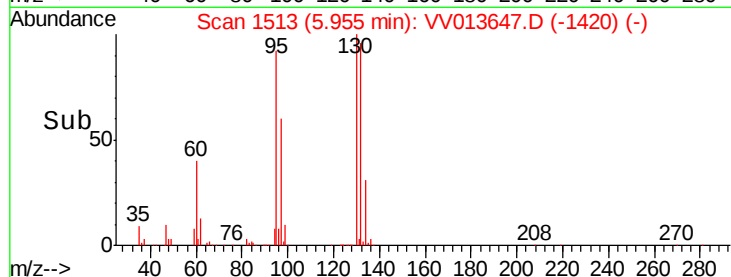
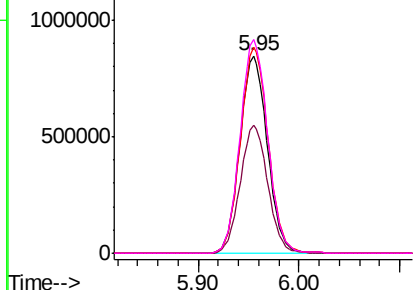
#34
 Trichloroethene
 Concen: 58.218 ug/L
 RT: 5.95 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV013647.D
 Acq: 15 Nov 2019 19:11

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG8

Tgt Ion: 95 Resp: 1597018
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.8 83.2
 132 104.2 72.9 135.3
 130 108.2 75.1 139.5

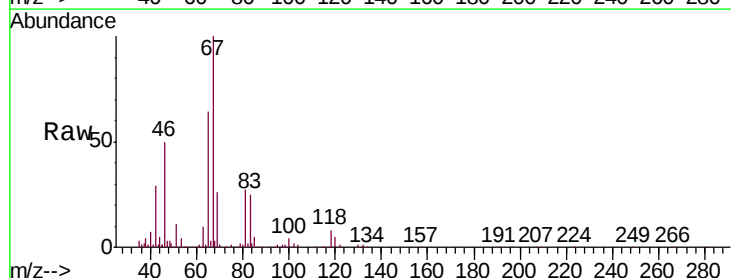


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

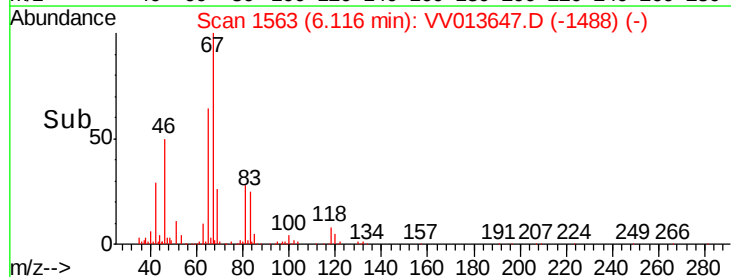
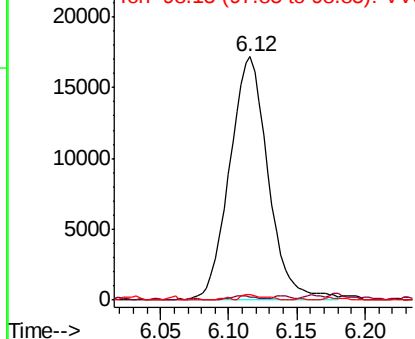


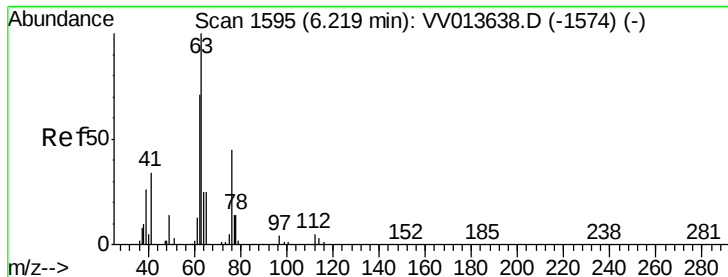
#35
 Methylcyclohexane
 Concen: 0.808 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV013647.D
 Acq: 15 Nov 2019 19:11

Tgt Ion: 83 Resp: 33825
 Ion Ratio Lower Upper
 83 100
 55 1.2 64.1 96.1#
 98 0.0 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: 0.611 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013647.D

Acq: 15 Nov 2019 19:11

Instrument :

MSVOA_V

ClientSampleId :

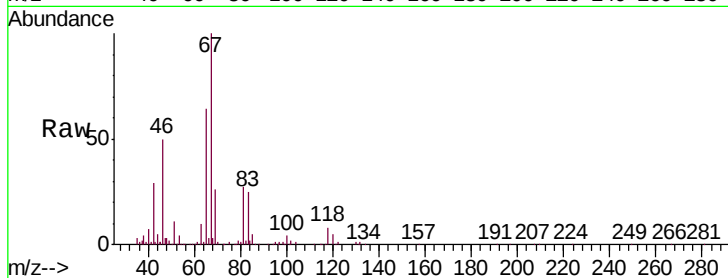
GAQG8

Tgt Ion: 63 Resp: 14985

Ion Ratio Lower Upper

63 100

112 0.4 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013638.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV013638.D (-1574) (-)

6.12

8000

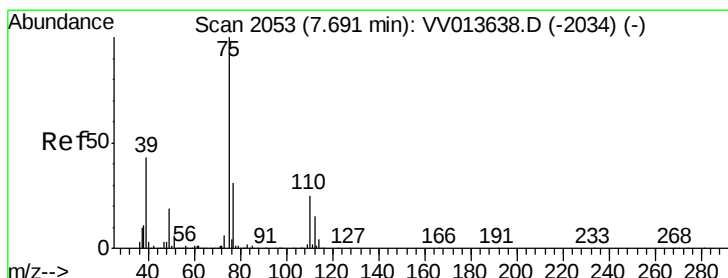
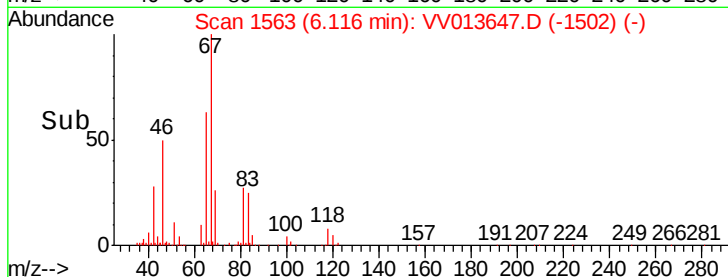
6000

4000

2000

0

Time--> 6.00 6.05 6.10 6.15 6.20



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013647.D

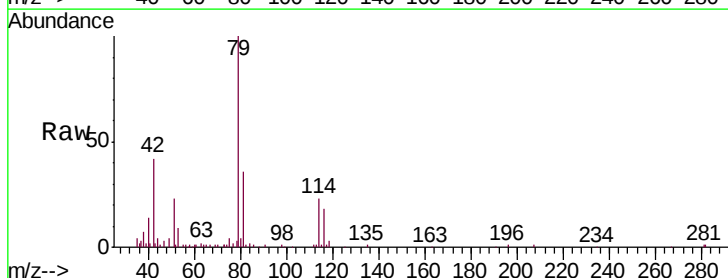
Acq: 15 Nov 2019 19:11

Tgt Ion: 75 Resp: 2442

Ion Ratio Lower Upper

75 100

77 50.5 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VV013638.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV013638.D (-2034) (-)

7.66

1200

1000

800

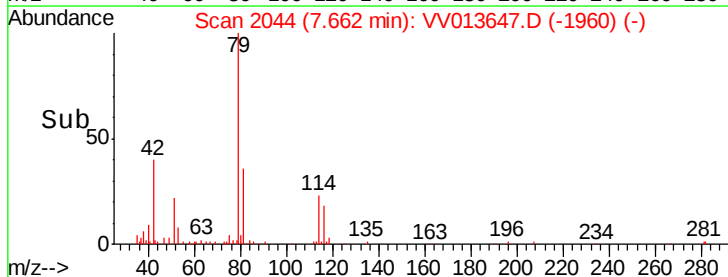
600

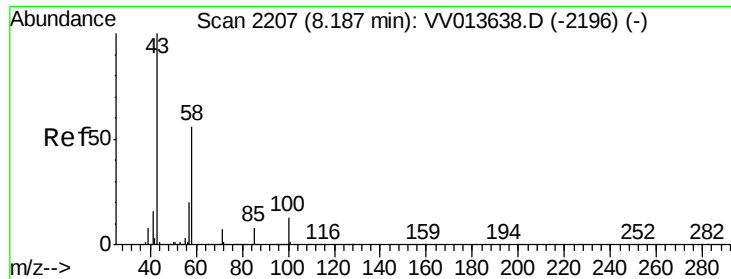
400

200

0

Time--> 7.60 7.65 7.70 7.75





#48

2-Hexanone

Concen: 0.806 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

Lab File: VV013647.D

Acq: 15 Nov 2019 19:11

Instrument :
MSVOA_V
ClientSampleId :
GAQG8

Tgt Ion: 43 Resp: 8165

Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 0.0 15.4 23.2#

100 7.7 10.1 15.1#

