

Data File : VV013667.D
Acq On : 18 Nov 2019 19:24
Operator : SY/MD
Sample : K5910-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ5

Quant Time: Nov 19 04:30:22 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	302661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	299892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97972	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.58	69	94127	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	136458	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.93	46	252950	58.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.02%
24) Chloroform-d	4.40	84	220311	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	115012	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.10	84	440687	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.11	67	134554	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	364201	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	45672	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.13	63	179408	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96620	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	152369	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

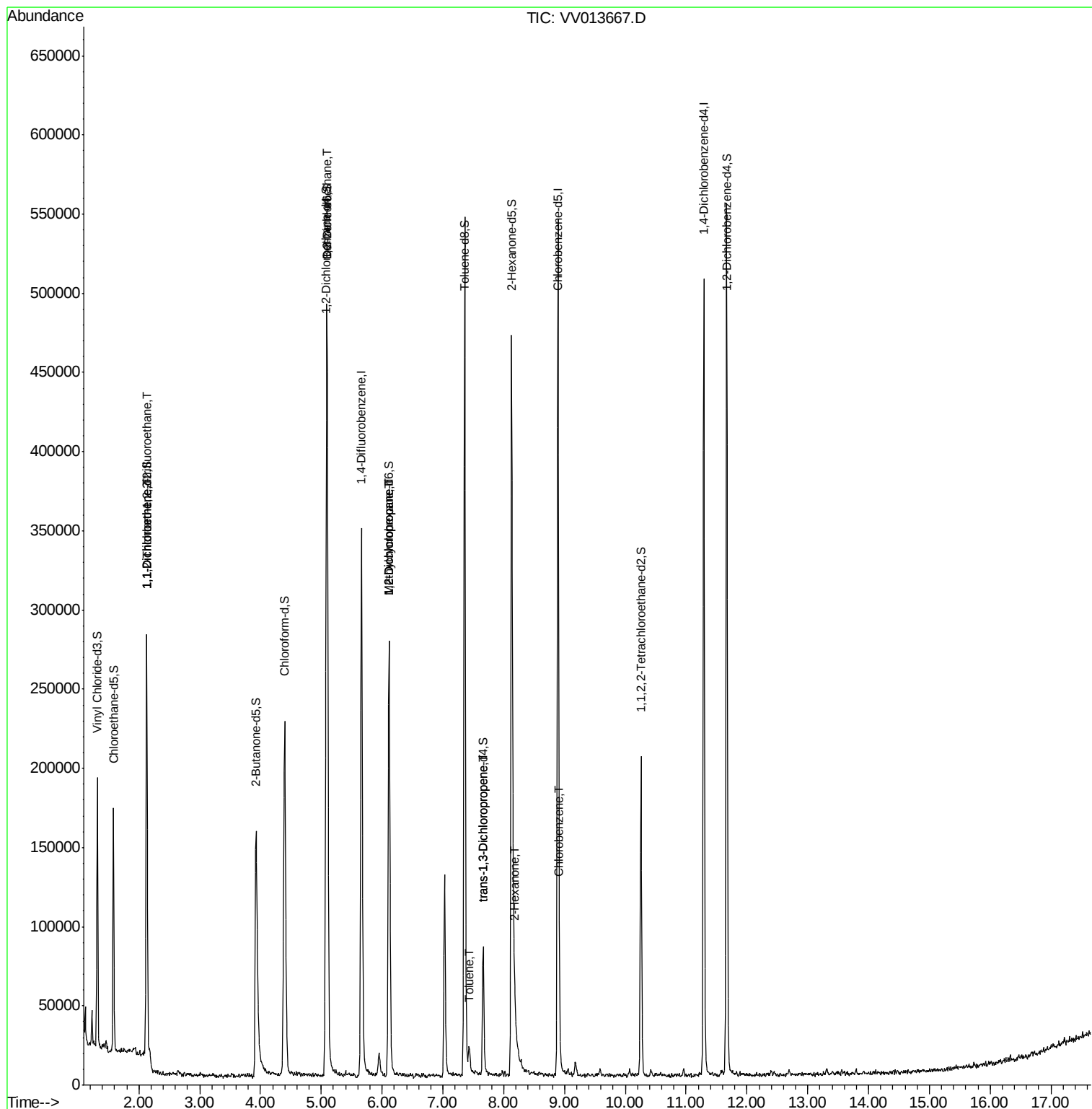
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1684	0.090 ug/L #	32
12) 1,1-Dichloroethene	2.13	96	1846	0.102 ug/L #	1
27) 1,2-Dichloroethane	5.09	62	2258	0.094 ug/L	98
35) Methylcyclohexane	6.11	83	33953	0.916 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	14706	0.677 ug/L #	86
42) Toluene	7.43	91	11155	0.115 ug/L	92
44) trans-1,3-Dichloropropene	7.66	75	2050	0.083 ug/L #	63
48) 2-Hexanone	8.18	43	11657	1.300 ug/L #	61
51) Chlorobenzene	8.92	112	7148	0.111 ug/L	91

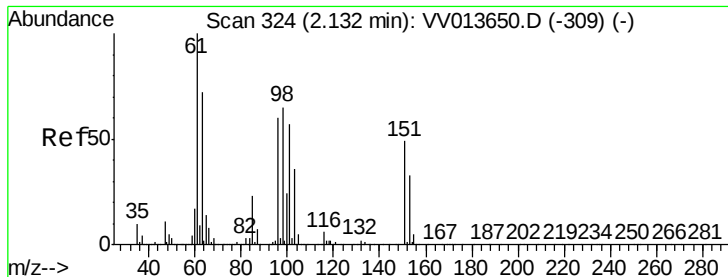
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

GAQJ5

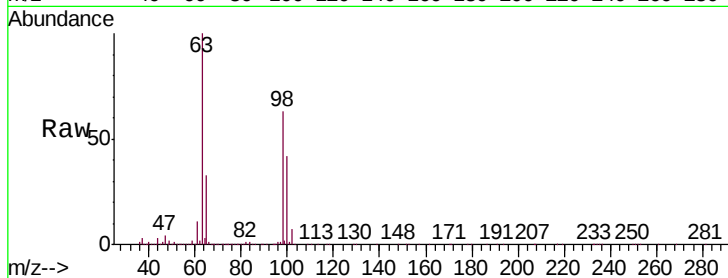
Tgt Ion: 101 Resp: 1684

Ion Ratio Lower Upper

101 100

85 11.9 32.0 48.0#

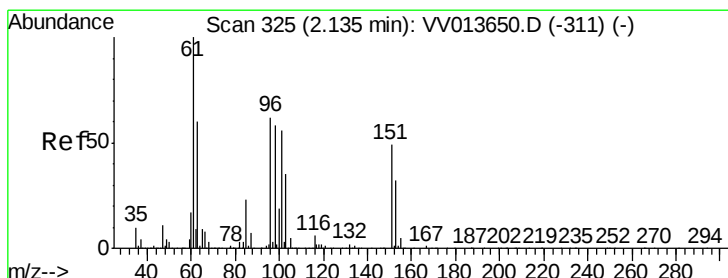
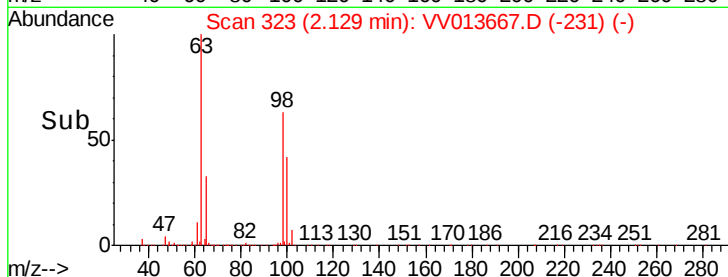
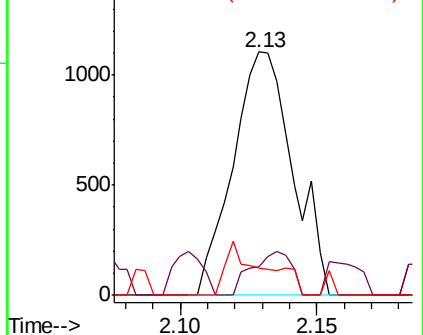
151 14.4 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): VV013667.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV013667.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013667.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

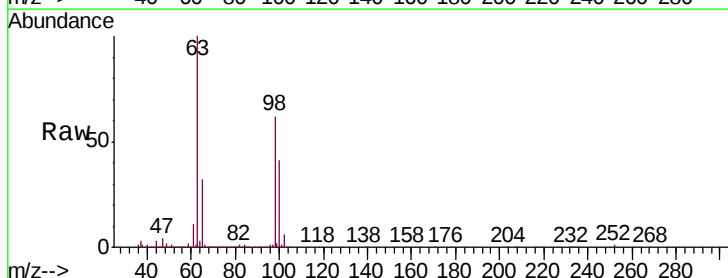
Tgt Ion: 96 Resp: 1846

Ion Ratio Lower Upper

96 100

61 845.2 112.5 208.9#

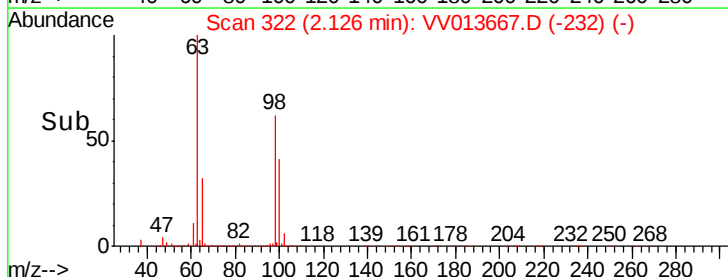
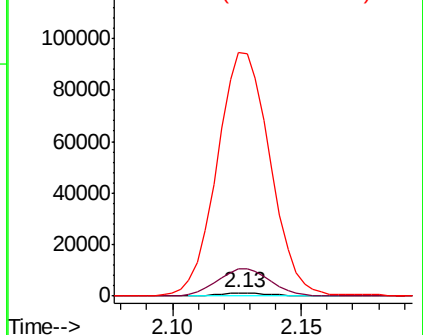
63 7589.4 76.9 142.7#

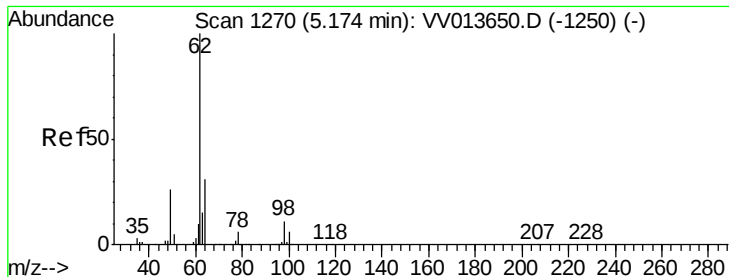


Abundance Ion 96.00 (95.70 to 96.70): VV013667.D (-232) (-)

Ion 61.05 (60.75 to 61.75): VV013667.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV013667.D (-232) (-)





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

Instrument :

MSVOA_V

ClientSampled :

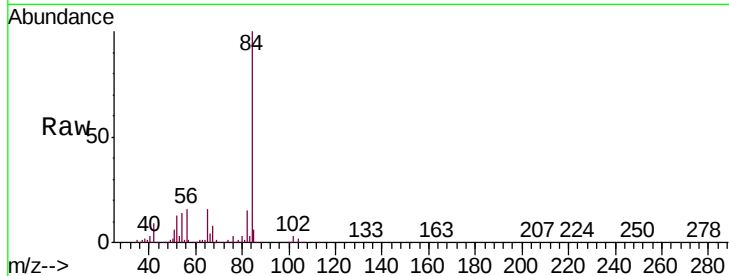
GAQJ5

Tgt Ion: 62 Resp: 2258

Ion Ratio Lower Upper

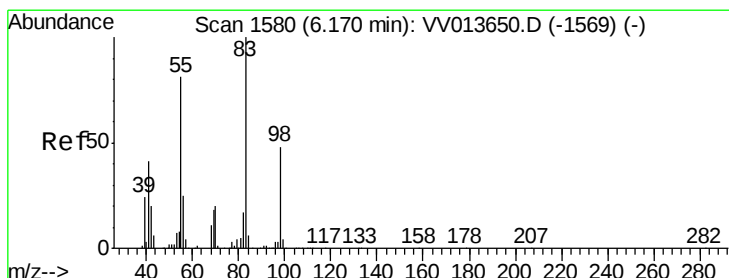
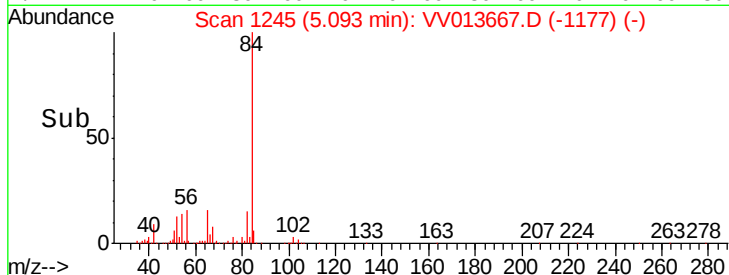
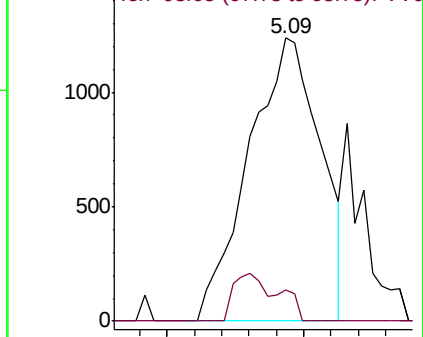
62 100

98 10.8 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

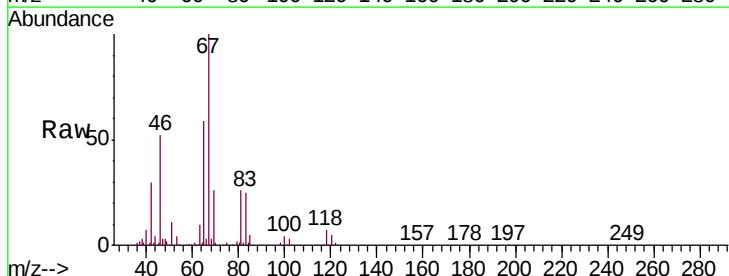
Tgt Ion: 83 Resp: 33953

Ion Ratio Lower Upper

83 100

55 0.7 64.1 96.1#

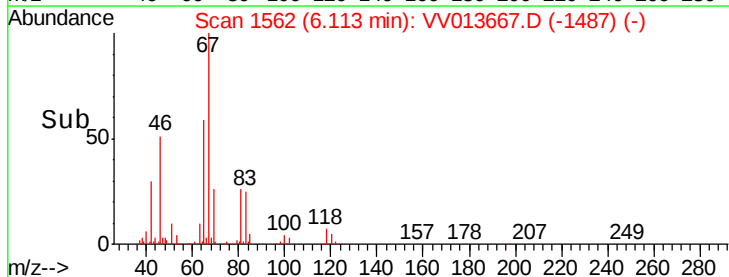
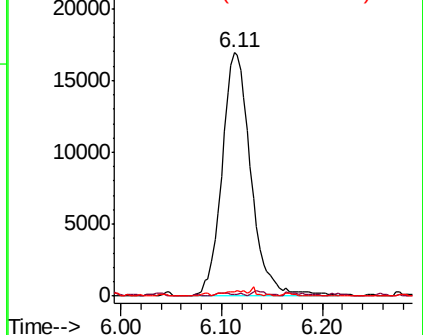
98 1.7 38.2 57.2#

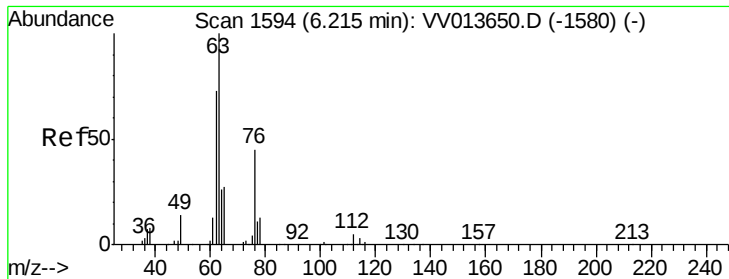


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

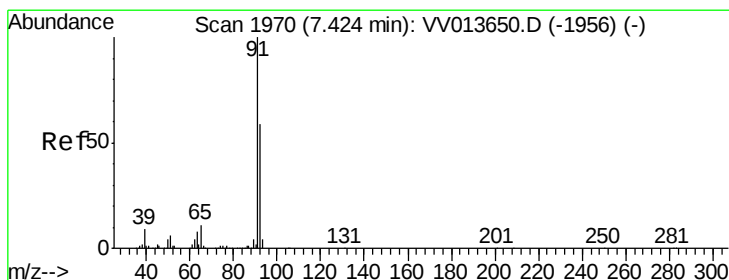
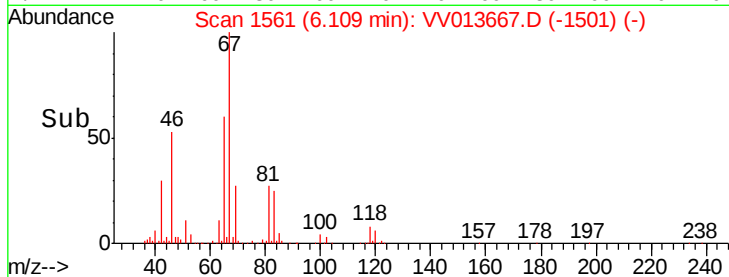
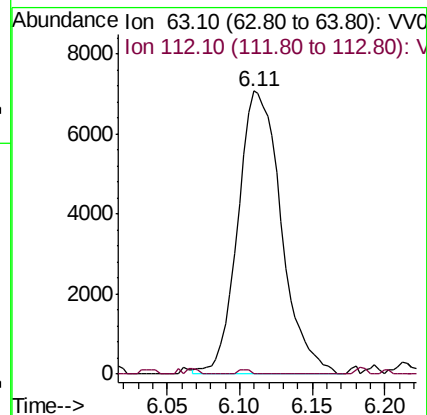
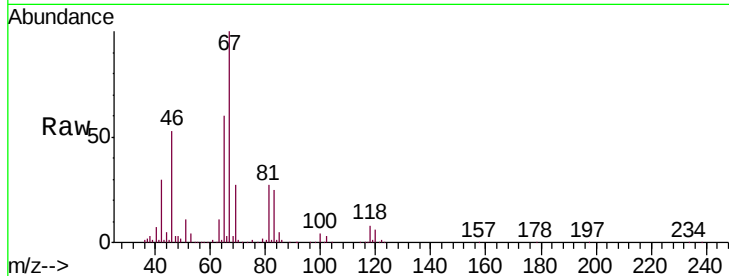
GAQJ5

Tgt Ion: 63 Resp: 14706

Ion Ratio Lower Upper

63 100

112 0.4 4.1 6.1#



#42

Toluene

Concen: 0.115 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013667.D

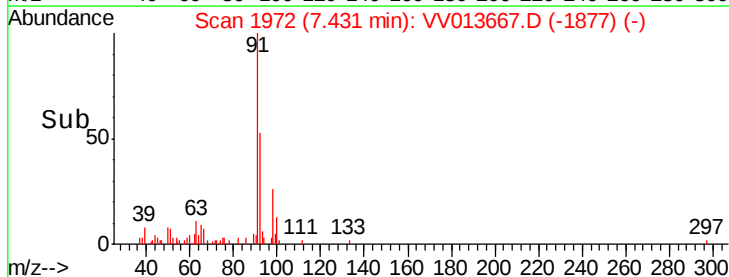
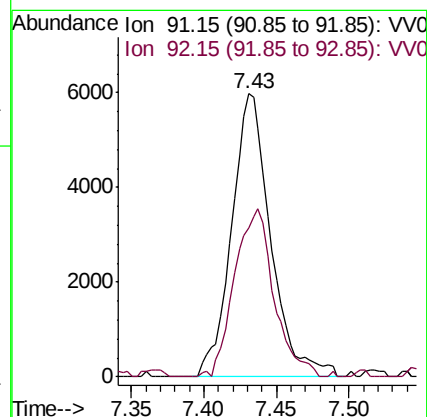
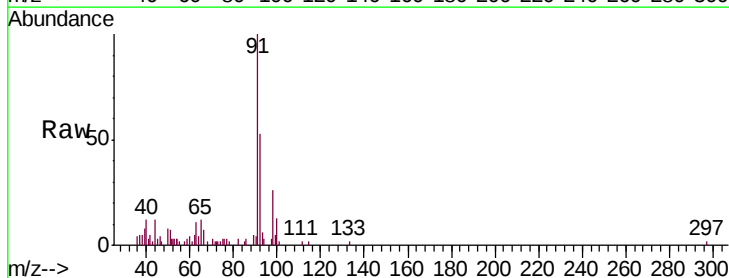
Acq: 18 Nov 2019 19:24

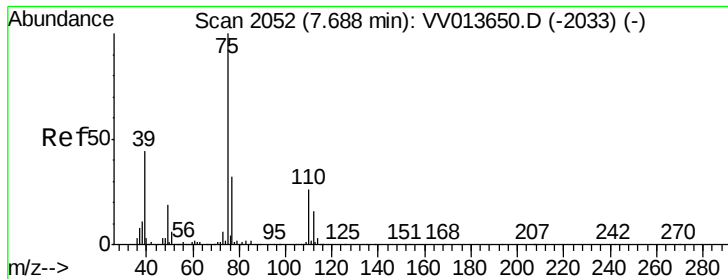
Tgt Ion: 91 Resp: 11155

Ion Ratio Lower Upper

91 100

92 52.7 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

Instrument :

MSVOA_V

ClientSampleId :

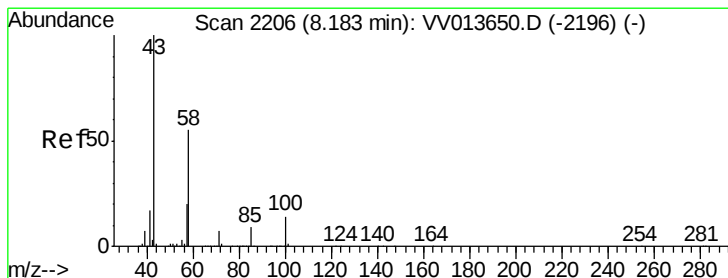
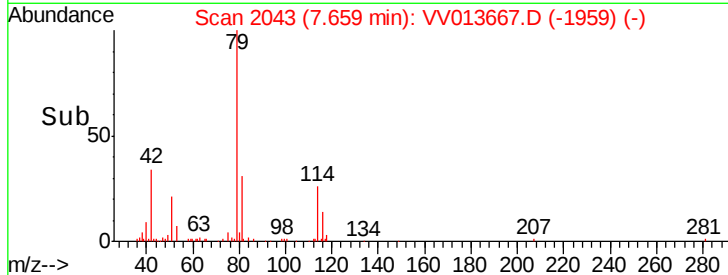
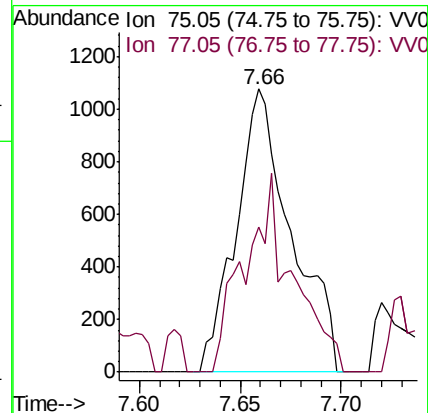
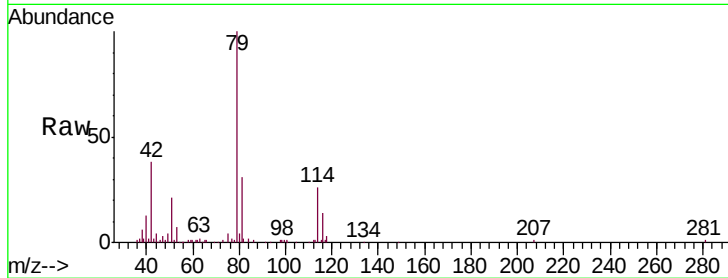
GAQJ5

Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

77 51.3 21.6 40.2#



#48

2-Hexanone

Concen: 1.300 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013667.D

Acq: 18 Nov 2019 19:24

Tgt Ion: 43 Resp: 11657

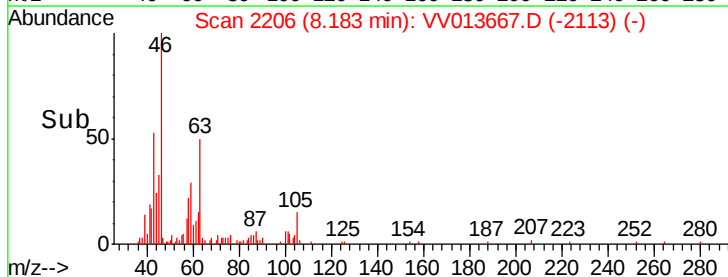
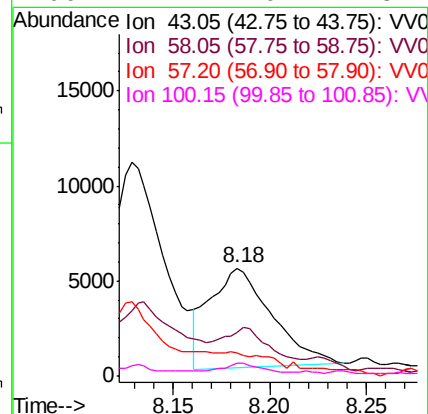
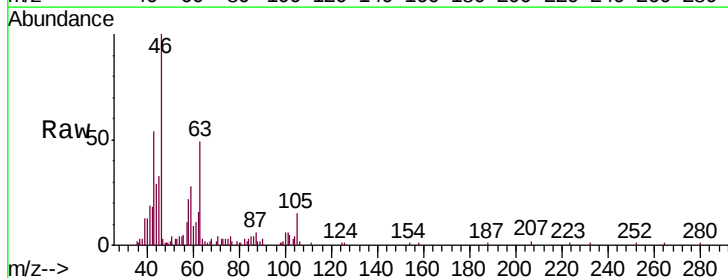
Ion Ratio Lower Upper

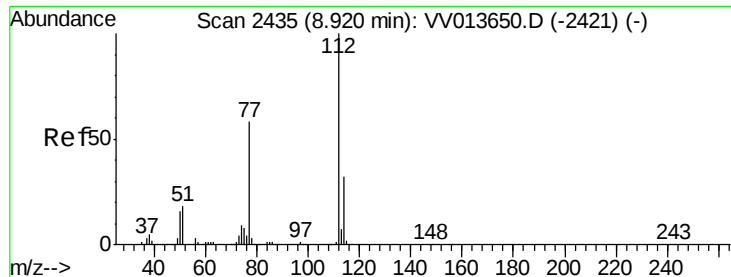
43 100

58 24.2 43.0 64.6#

57 0.0 15.4 23.2#

100 4.4 10.1 15.1#





#51
 Chlorobenzene
 Concen: 0.111 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV013667.D
 Acq: 18 Nov 2019 19:24

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ5

Tgt Ion:	112	Resp:	7148
Ion	Ratio	Lower	Upper
112	100		
114	41.5	22.8	42.4
77	60.0	45.0	67.4

