

Data File : VV013238.D
Acq On : 19 Oct 2019 06:54
Operator : SY/MD
Sample : K5321-16
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB2

Quant Time: Oct 21 01:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 21 01:27:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	446296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206841	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	167892	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	247373	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	480087	55.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.78%
24) Chloroform-d	4.40	84	405764	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	197294	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.09	84	815257	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	250482	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	659943	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	77159	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	316799	43.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	172171	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	291027	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

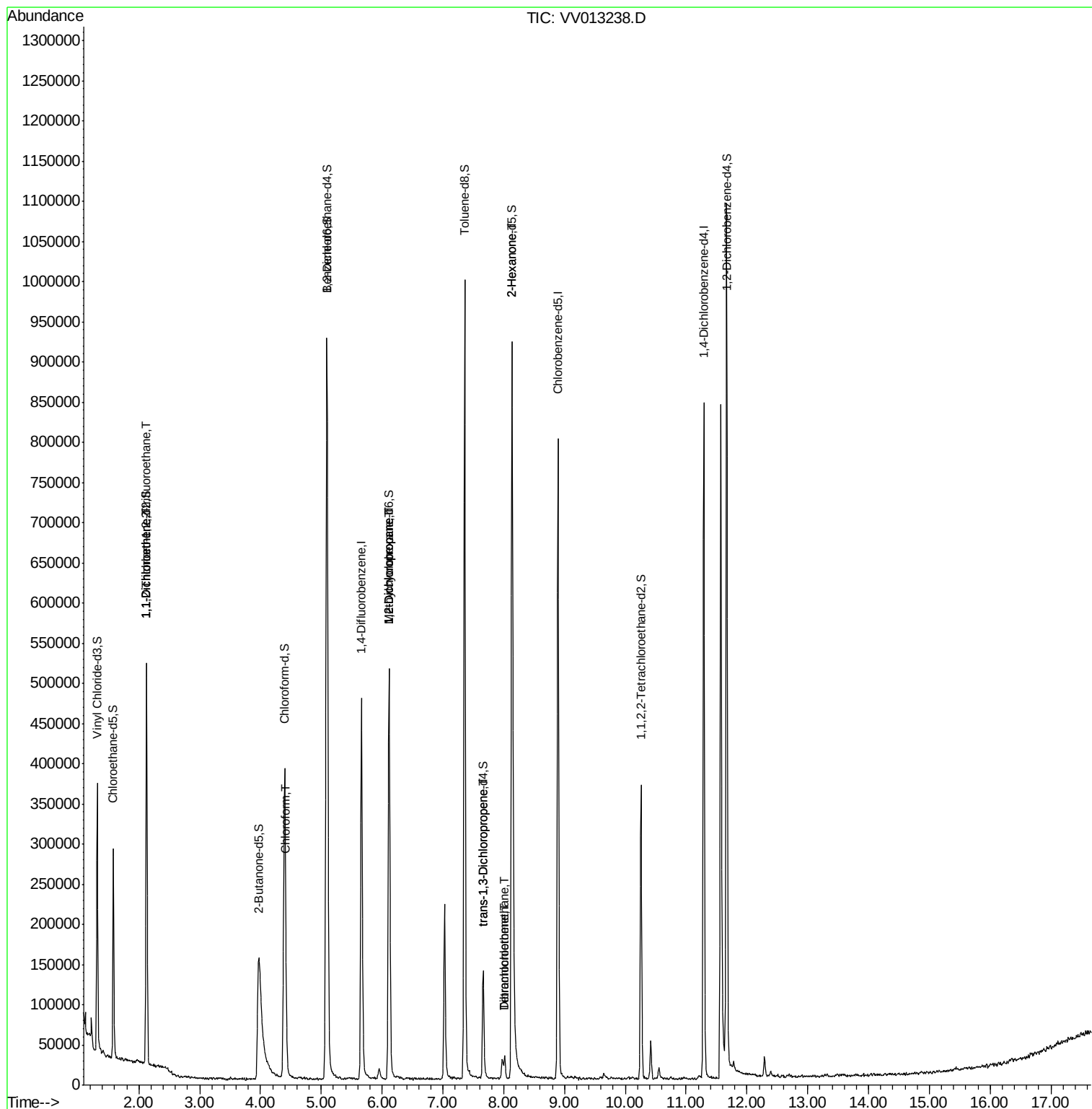
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2472	0.072	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	2460	0.075	ug/L #	1
25) Chloroform	4.42	83	11764	0.143	ug/L	89
35) Methylcyclohexane	6.12	83	59429	0.831	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	26959	0.608	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	3460	0.076	ug/L	84
47) Tetrachloroethene	8.02	164	6926	0.170	ug/L	94
48) 2-Hexanone	8.14	43	50887	2.938	ug/L #	87
49) Dibromochloromethane	8.01	129	6301	0.173	ug/L #	11

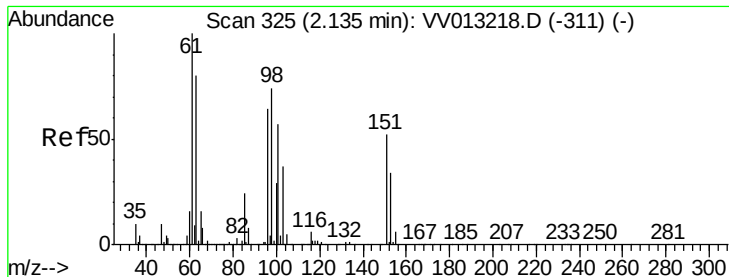
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Instrument :

MSVOA_V

ClientSampleId :

E0AB2

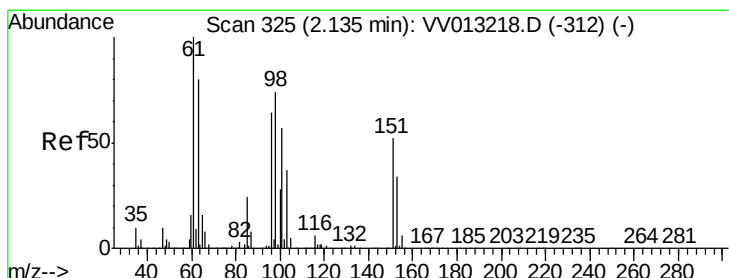
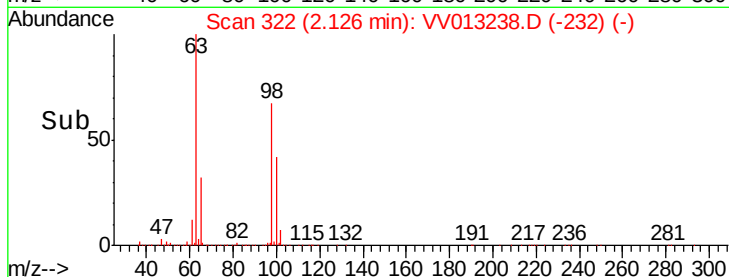
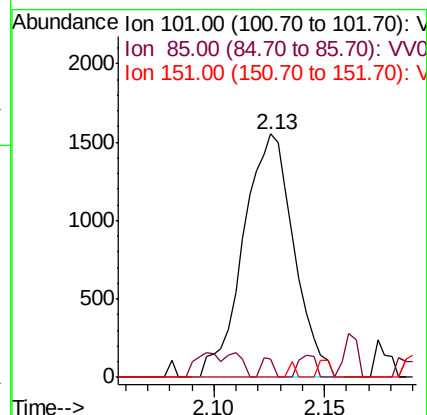
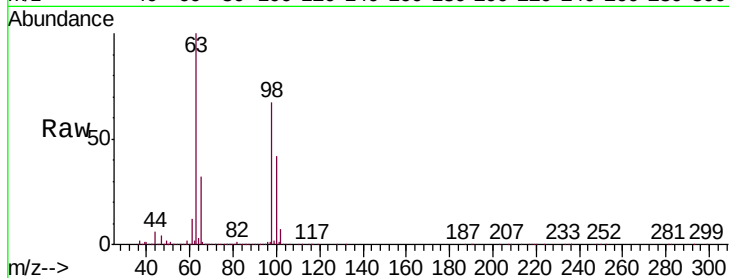
Tgt Ion:101 Resp: 2472

Ion Ratio Lower Upper

101 100

85 1.9 32.4 48.6#

151 0.8 71.9 107.9#



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

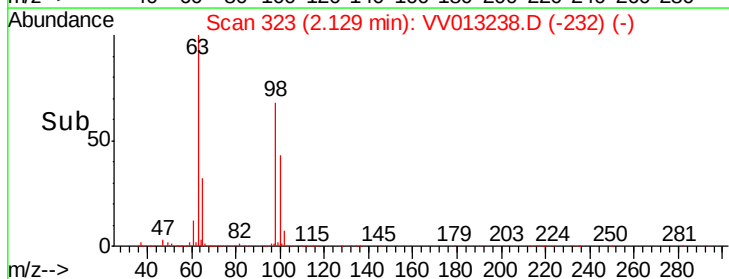
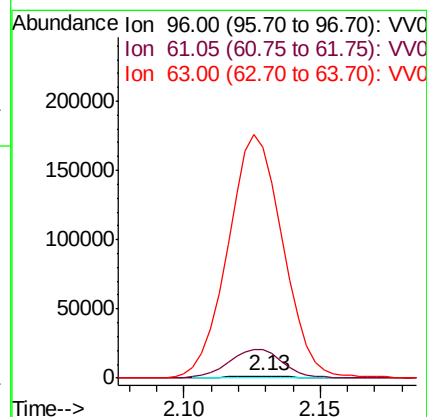
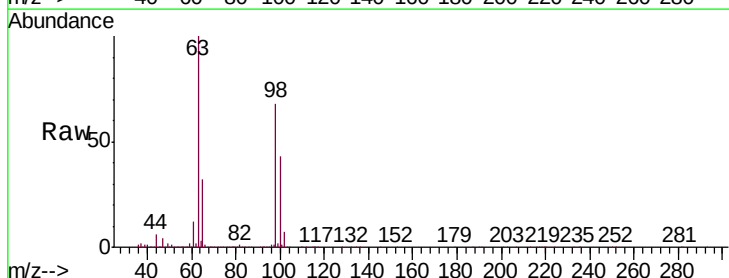
Tgt Ion: 96 Resp: 2460

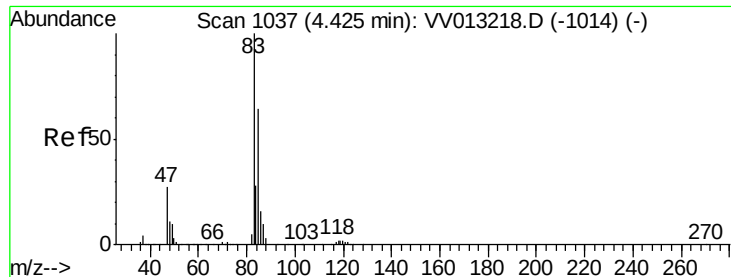
Ion Ratio Lower Upper

96 100

61 1243.6 109.8 204.0#

63 10162.9 72.6 134.8#





#25

Chloroform

Concen: 0.143 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Instrument :

MSVOA_V

ClientSampleId :

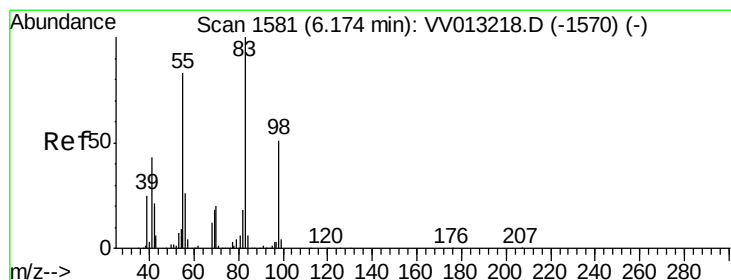
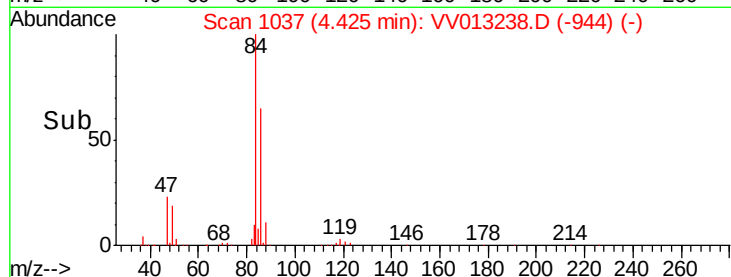
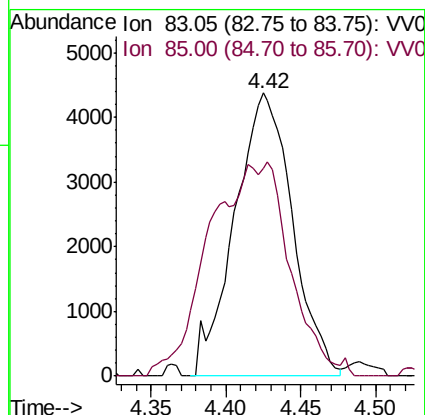
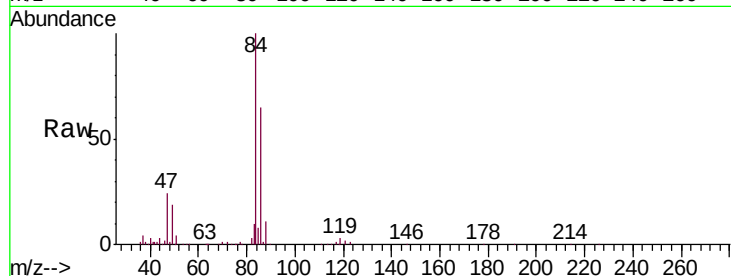
E0AB2

Tgt Ion: 83 Resp: 11764

Ion Ratio Lower Upper

83 100

85 73.3 45.5 84.5



#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

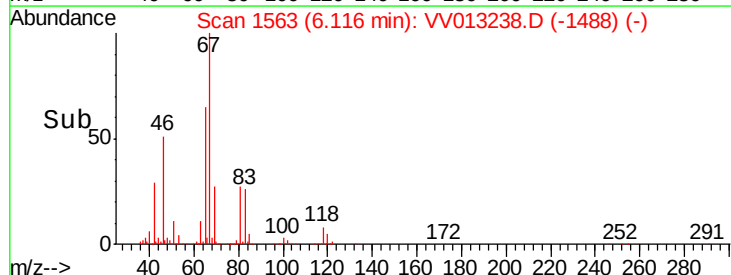
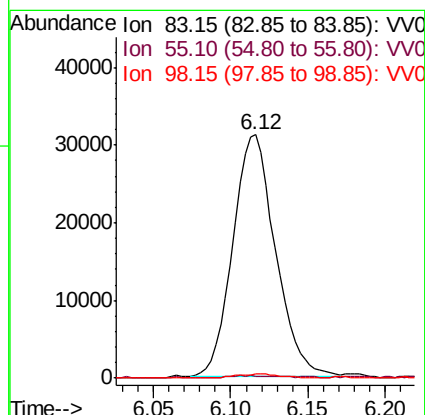
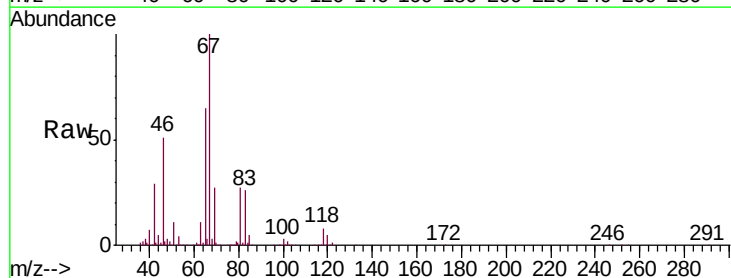
Tgt Ion: 83 Resp: 59429

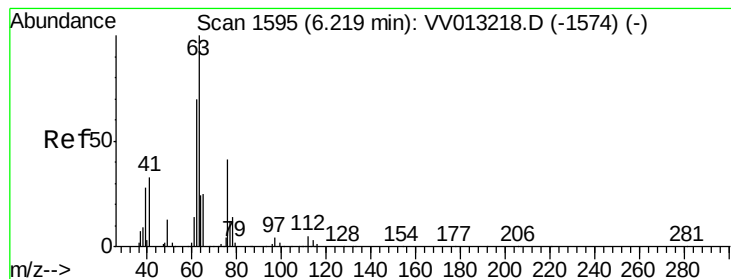
Ion Ratio Lower Upper

83 100

55 0.8 64.0 96.0#

98 1.7 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Instrument :

MSVOA_V

ClientSampleId :

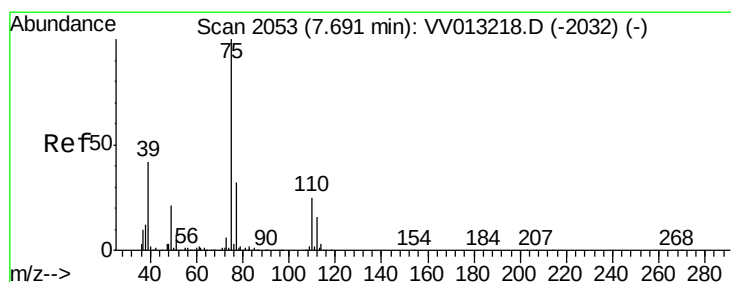
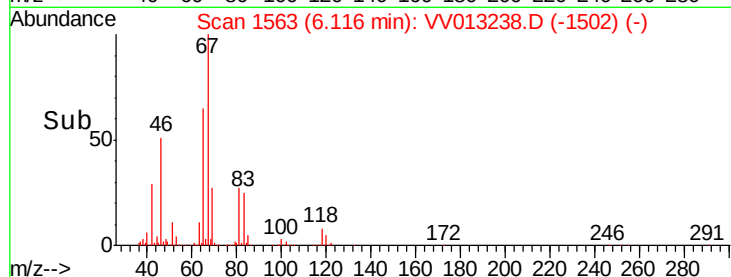
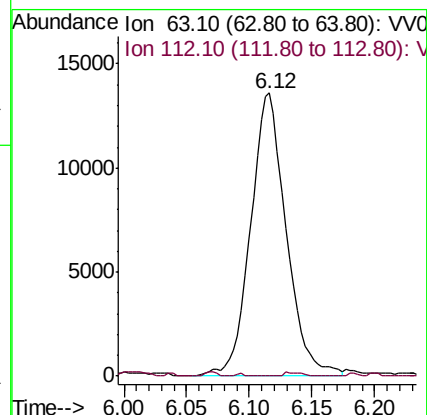
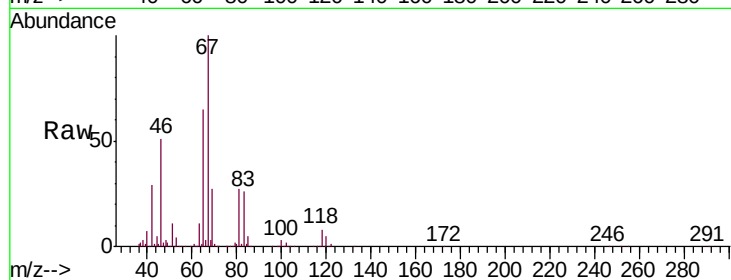
E0AB2

Tgt Ion: 63 Resp: 26959

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013238.D

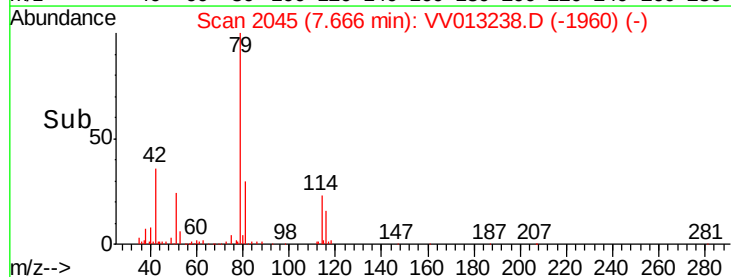
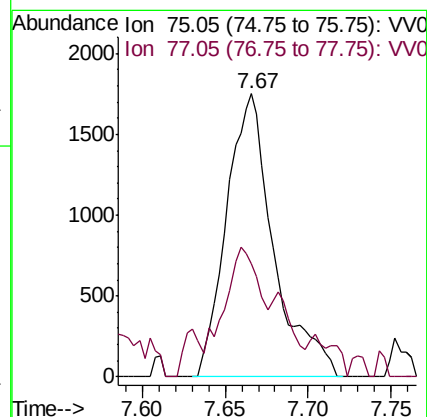
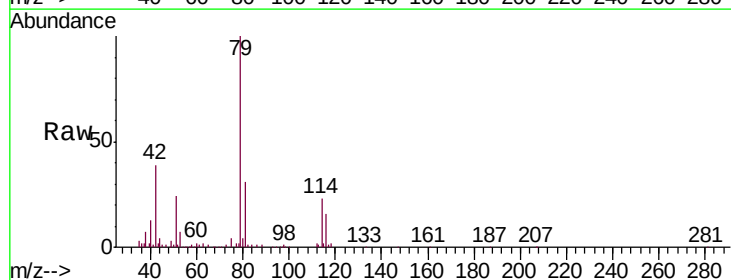
Acq: 19 Oct 2019 06:54

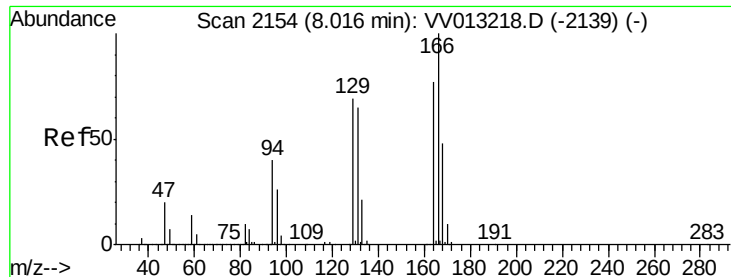
Tgt Ion: 75 Resp: 3460

Ion Ratio Lower Upper

75 100

77 39.9 21.8 40.4





#47

Tetrachloroethene

Concen: 0.170 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Instrument :

MSVOA_V

ClientSampleId :

E0AB2

Tgt Ion:164 Resp: 6926

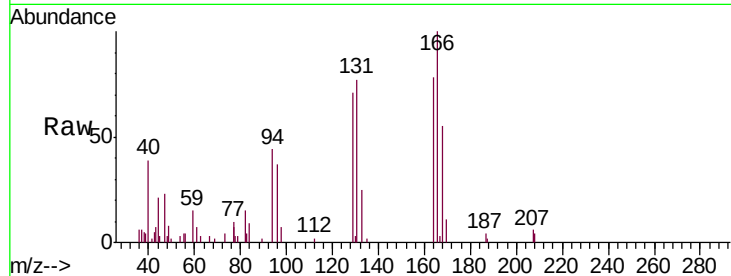
Ion Ratio Lower Upper

164 100

129 91.3 62.2 115.4

131 98.9 59.9 111.3

166 128.2 91.1 169.1

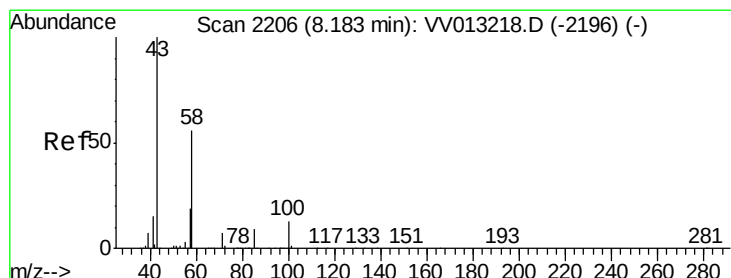
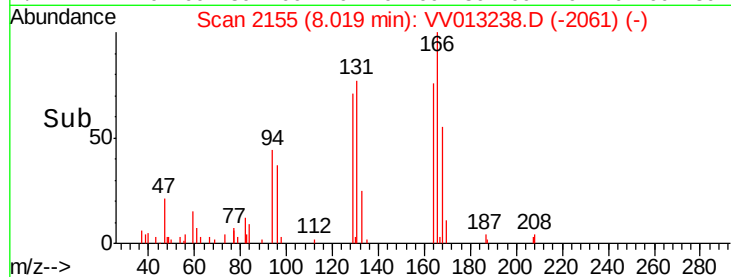
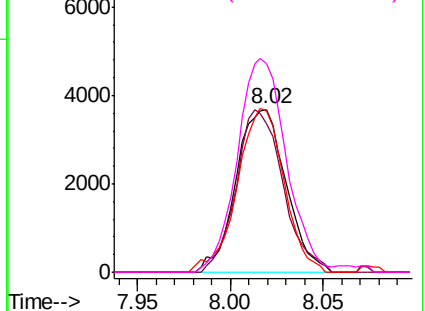


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.938 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Tgt Ion: 43 Resp: 50887

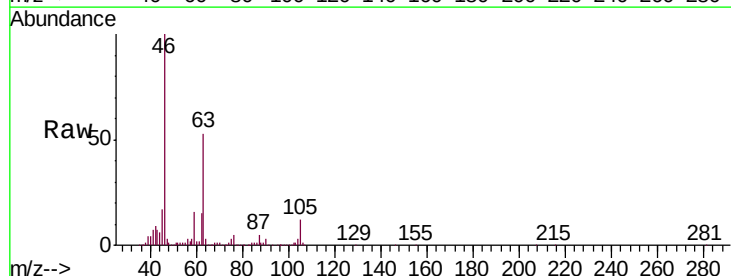
Ion Ratio Lower Upper

43 100

58 51.5 44.2 66.2

57 31.8 14.5 21.7#

100 4.0 9.5 14.3#

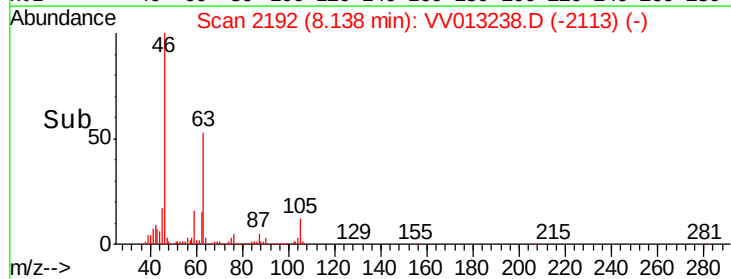
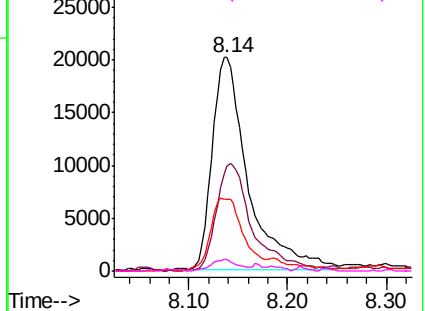


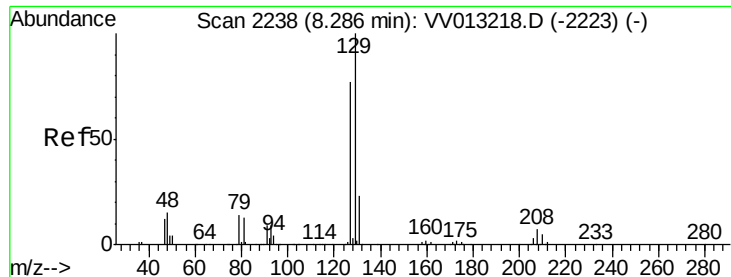
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.27 min

Lab File: VV013238.D

Acq: 19 Oct 2019 06:54

Instrument :

MSVOA_V

ClientSampleId :

E0AB2

Tgt Ion:129 Resp: 6301

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#

