

Data File : VV013929.D
Acq On : 05 Dec 2019 20:52
Operator : SY/MD
Sample : K6170-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BT4

Quant Time: Dec 06 04:12:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	590154	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	579253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	227384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205761	60.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.56%
7) Chloroethane-d5	1.57	69	201157	56.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.92%
11) 1,1-Dichloroethene-d2	2.13	63	304850	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
21) 2-Butanone-d5	3.92	46	242349	100.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.40	84	355985	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.07	65	228742	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.09	84	737133	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.11	67	215119	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.36	98	614038	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.66	79	91357	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
47) 2-Hexanone-d5	8.13	63	140872	83.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.73%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	307833	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	243843	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3106	0.700 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	3062	0.714 ug/L #	1
13) Acetone	2.18	43	5246	1.490 ug/L	88
25) Chloroform	4.42	83	8918	1.104 ug/L	99
27) 1,2-Dichloroethane	5.09	62	4419	0.759 ug/L	94
48) 2-Hexanone	8.18	43	13958	3.214 ug/L #	38
59) 1,2,3-Trichloropropane	11.29	75	23062	4.082 ug/L	93

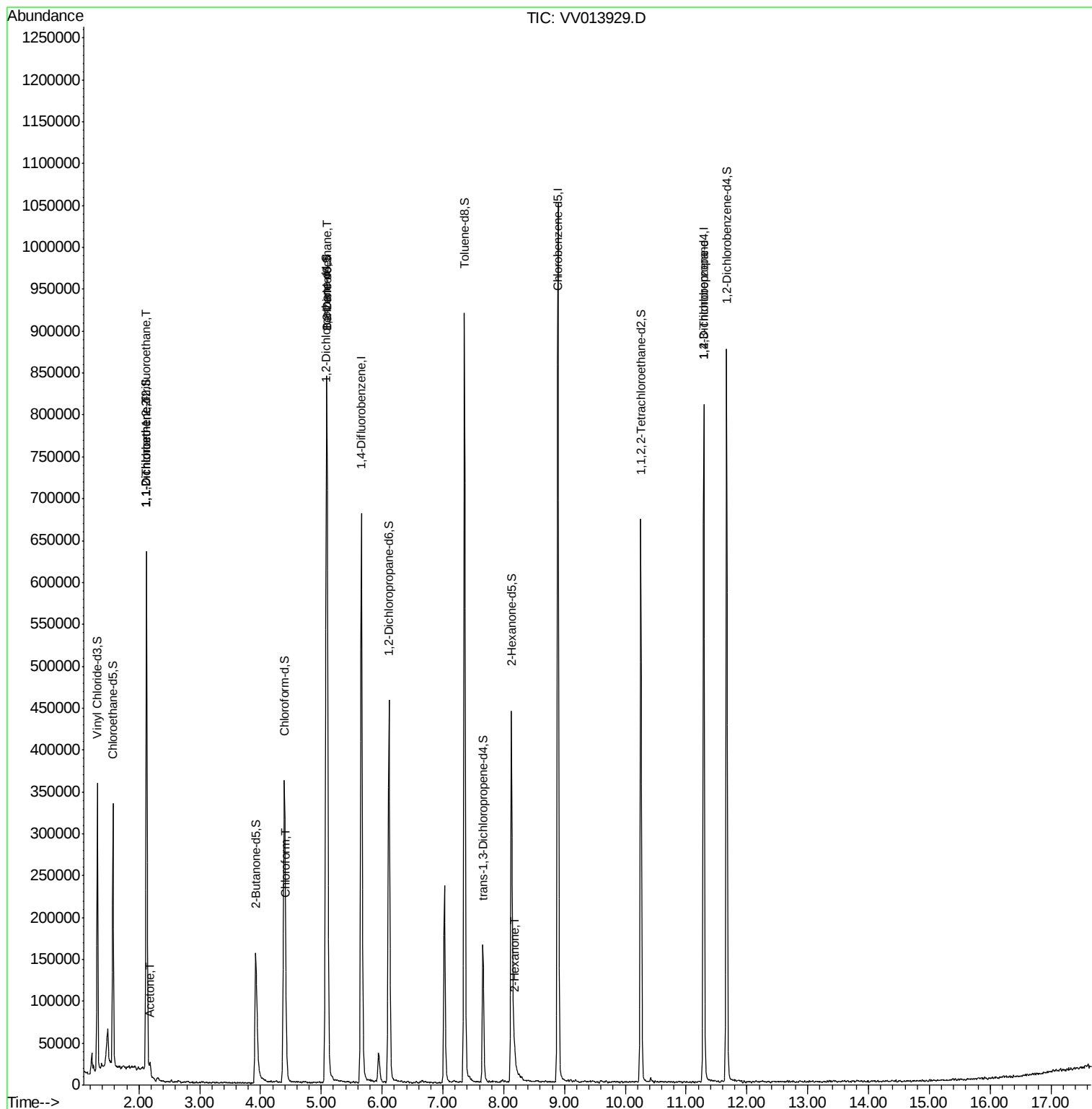
(#) = qualifier out of range (m) = manual integration (+) = signals summed

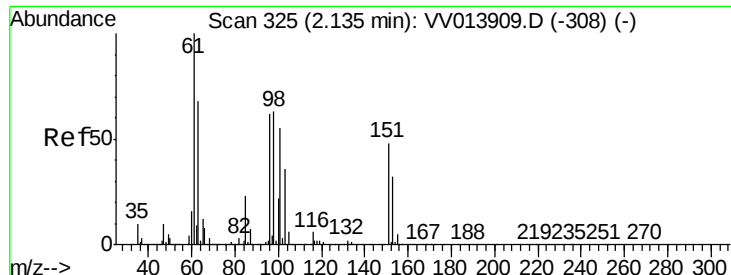
Data File : VV013929.D

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Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Dec 06 04:12:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.700 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013929.D

Acq: 05 Dec 2019 20:52

Instrument :

MSVOA_V

ClientSampleId :

C0BT4

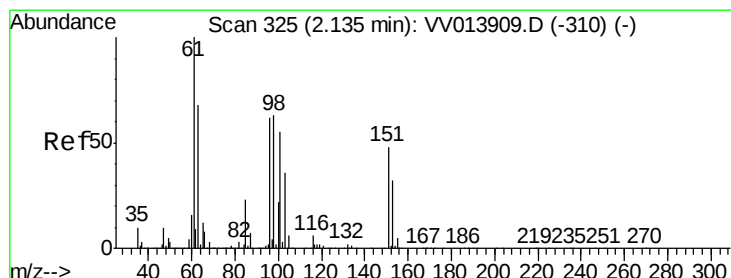
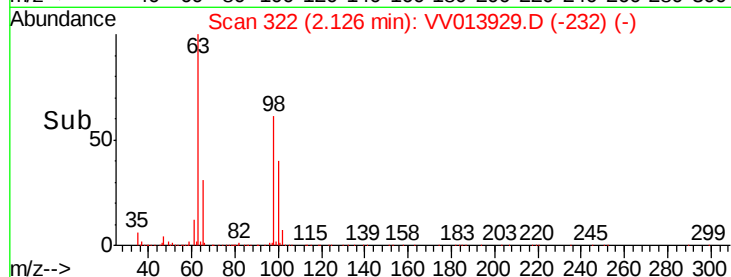
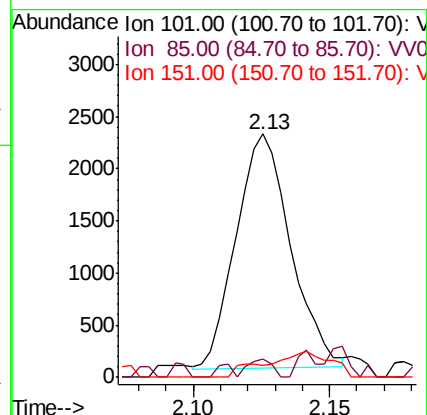
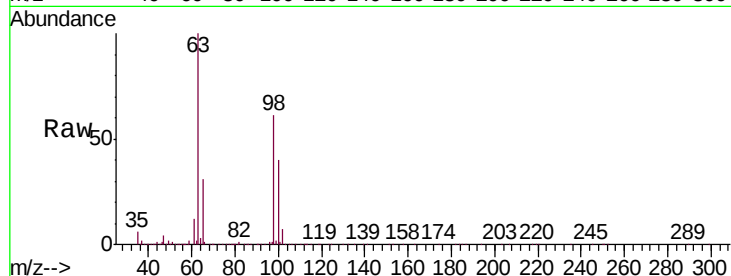
Tgt Ion: 101 Resp: 3106

Ion Ratio Lower Upper

101 100

85 3.5 32.5 48.7#

151 3.0 69.8 104.6#



#12

1,1-Dichloroethene

Concen: 0.714 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013929.D

Acq: 05 Dec 2019 20:52

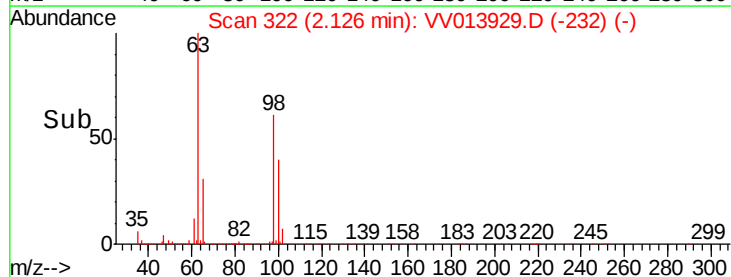
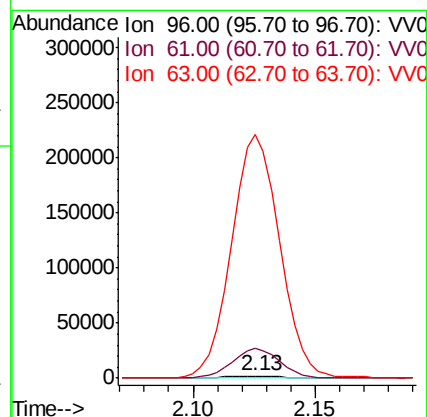
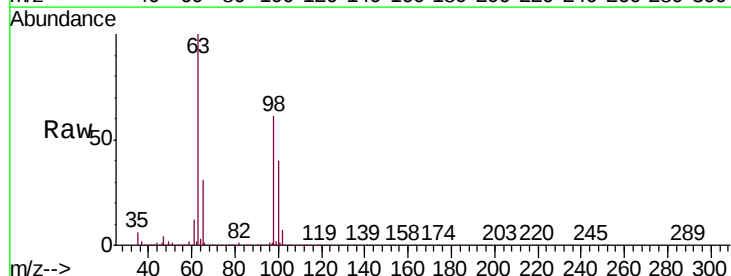
Tgt Ion: 96 Resp: 3062

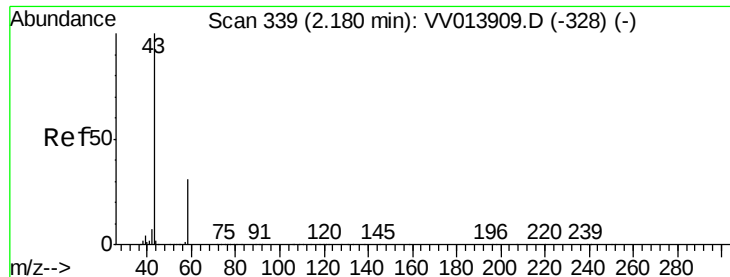
Ion Ratio Lower Upper

96 100

61 1361.4 114.0 211.8#

63 11307.2 80.3 149.1#





#13

Acetone

Concen: 1.490 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013929.D

Acq: 05 Dec 2019 20:52

Instrument :

MSVOA_V

ClientSampleId :

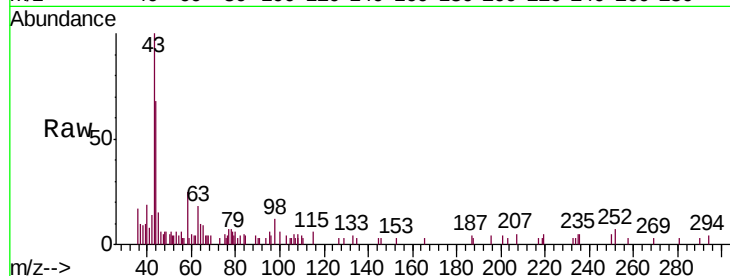
C0BT4

Tgt Ion: 43 Resp: 5246

Ion Ratio Lower Upper

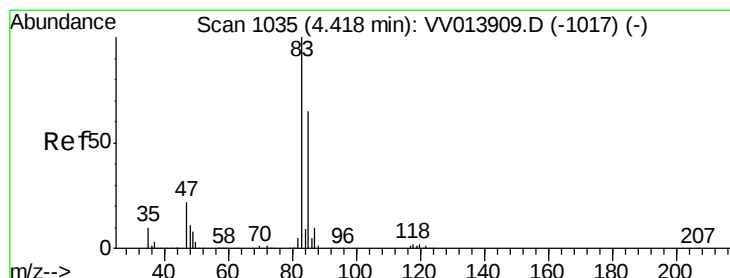
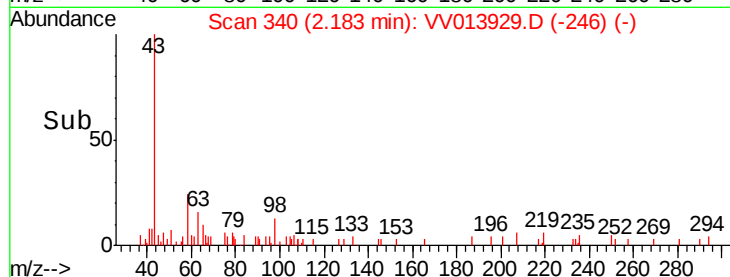
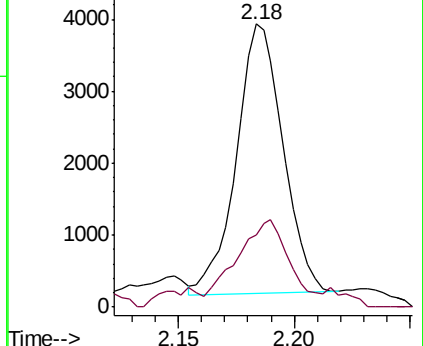
43 100

58 37.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 1.104 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV013929.D

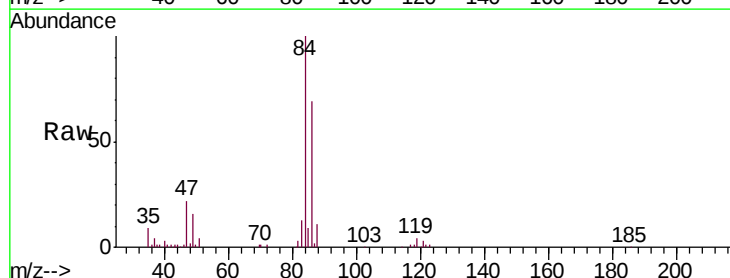
Acq: 05 Dec 2019 20:52

Tgt Ion: 83 Resp: 8918

Ion Ratio Lower Upper

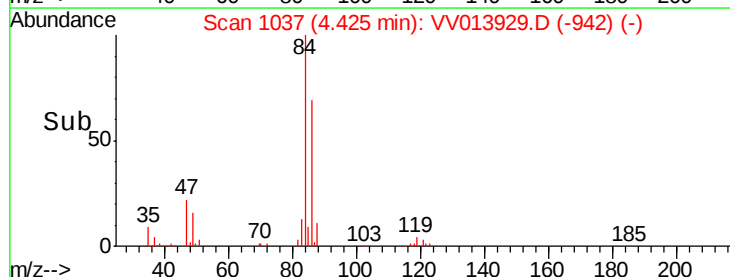
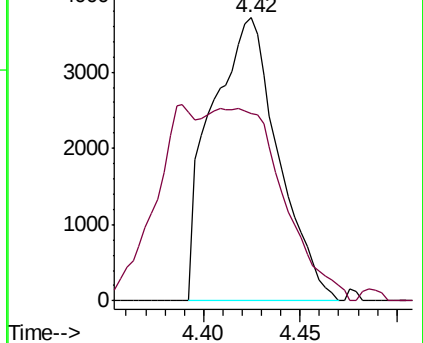
83 100

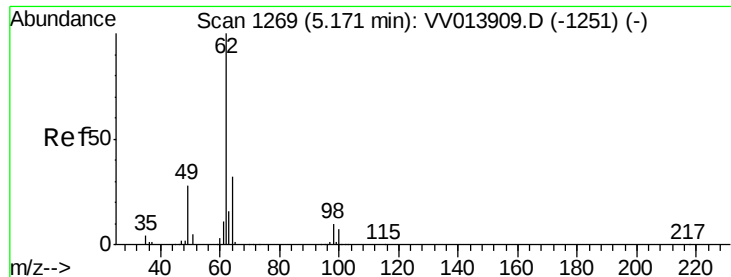
85 66.2 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.759 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013929.D

Acq: 05 Dec 2019 20:52

Instrument :

MSVOA_V

ClientSampleId :

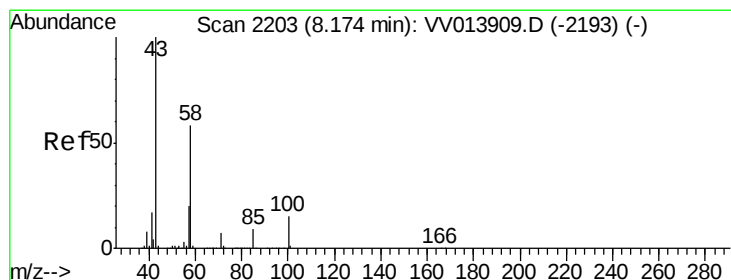
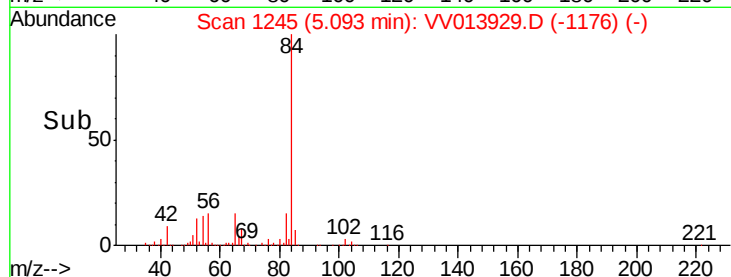
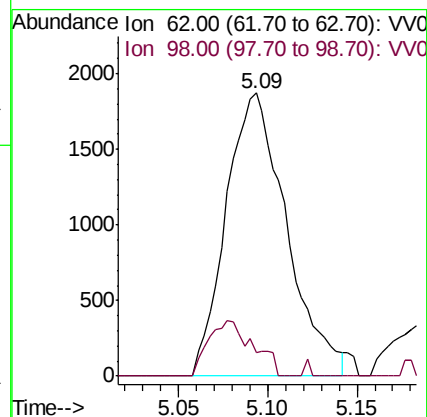
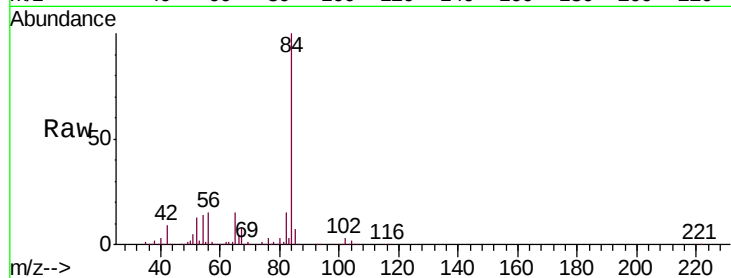
C0BT4

Tgt Ion: 62 Resp: 4419

Ion Ratio Lower Upper

62 100

98 8.5 8.5 12.7



#48

2-Hexanone

Concen: 3.214 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VV013929.D

Acq: 05 Dec 2019 20:52

Tgt Ion: 43 Resp: 13958

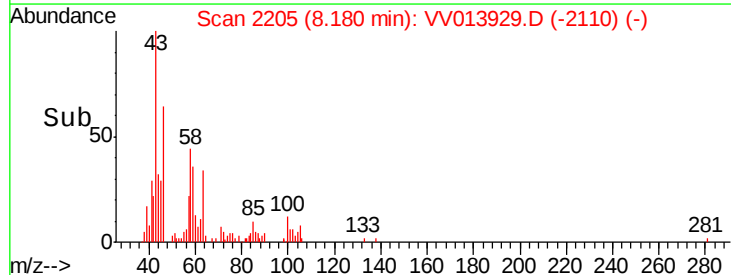
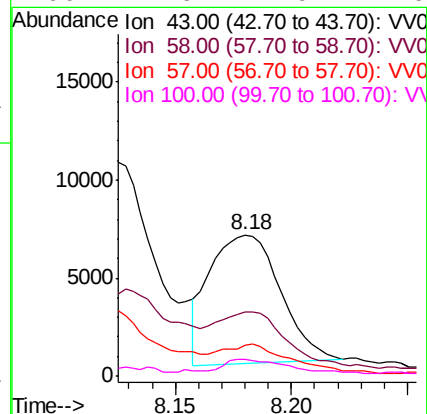
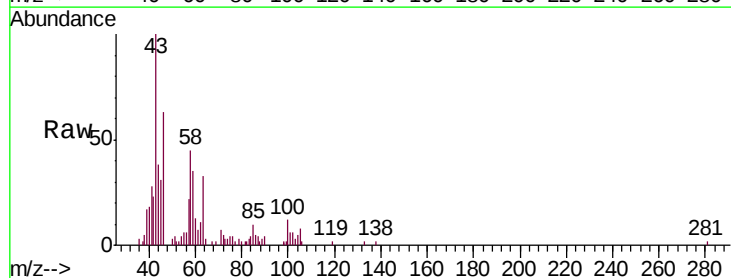
Ion Ratio Lower Upper

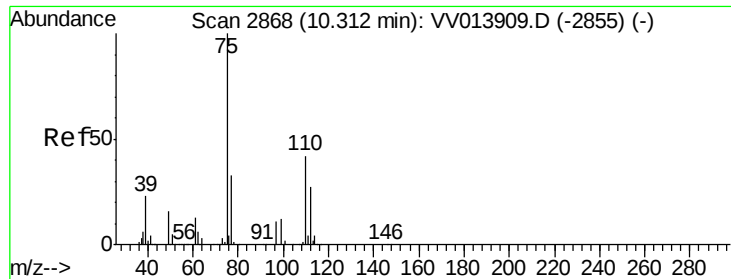
43 100

58 0.0 48.4 72.6#

57 1.0 16.6 24.8#

100 7.6 11.9 17.9#





#59
 1,2,3-Trichloropropane
 Concen: 4.082 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV013929.D
 Acq: 05 Dec 2019 20:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BT4

Tgt Ion: 75 Resp: 23062
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.8 38.8

