

Data File : VV011237.D
Acq On : 05 Jun 2019 18:35
Operator : SY/MD
Sample : K3197-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P50

Quant Time: Jun 06 05:48:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63109	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	44979	4.21	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	99587	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.98	46	135430	46.83	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	4.40	84	100687	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	59243	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.09	84	228867	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	69652	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	208570	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	22939	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	127039	54.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47879	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	70067	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

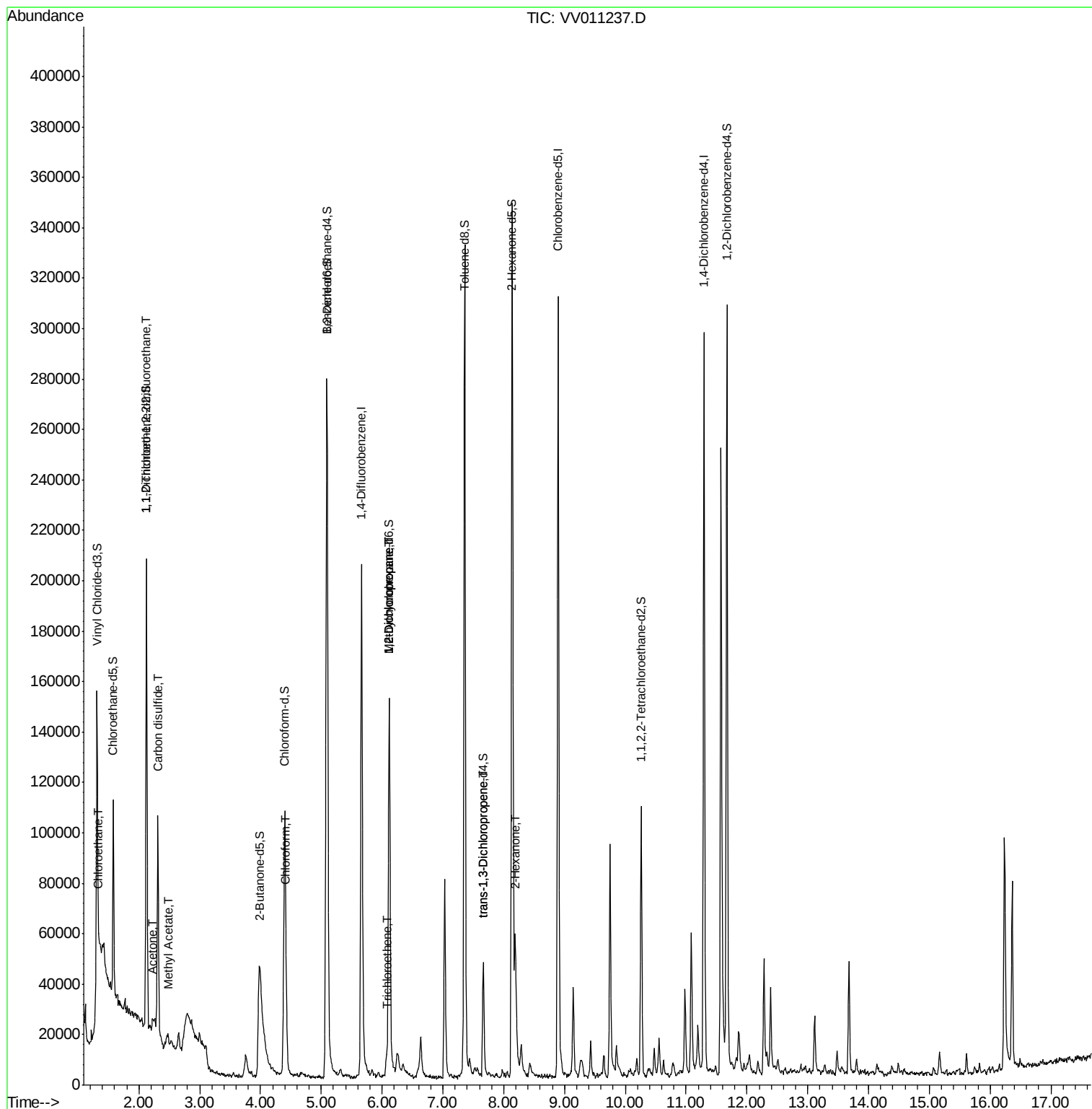
					Qvalue
8) Chloroethane	1.34	64	41142	4.128 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	989	0.090 ug/L #	22
13) Acetone	2.23	43	7765	4.004 ug/L	88
14) Carbon disulfide	2.31	76	92944	2.869 ug/L	100
15) Methyl Acetate	2.48	43	7375	1.432 ug/L	99
25) Chloroform	4.43	83	7973	0.327 ug/L	92
34) Trichloroethene	6.07	95	2778	0.216 ug/L #	8
35) Methylcyclohexane	6.12	83	16701	0.787 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8715	0.705 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1429	0.104 ug/L #	77
48) 2-Hexanone	8.19	43	31330	5.706 ug/L	95

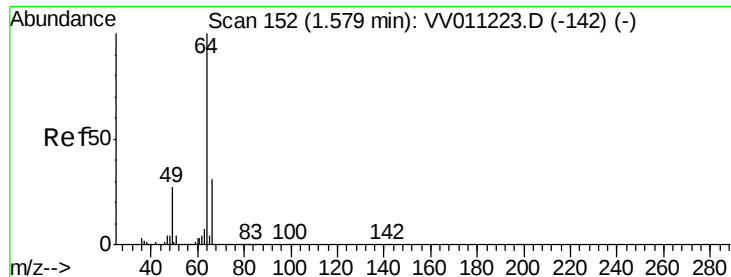
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 4.128 ug/L

RT: 1.34 min Scan# 79

Delta R.T. -0.23 min

Lab File: VV011237.D

Acq: 05 Jun 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

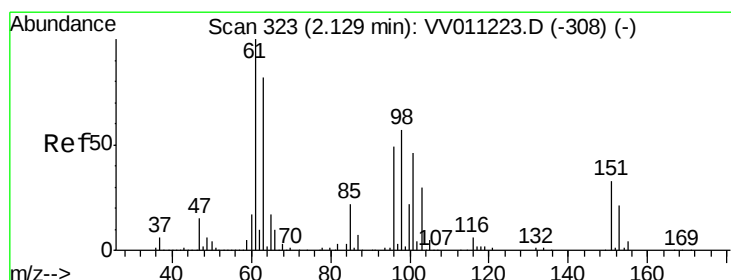
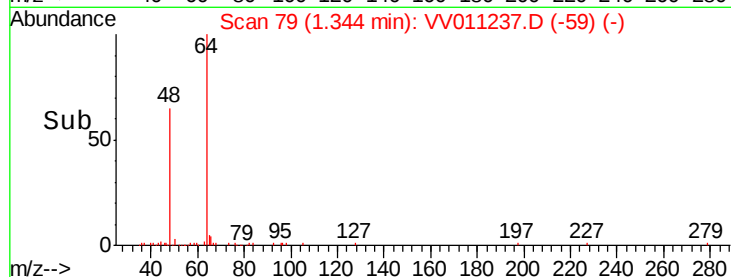
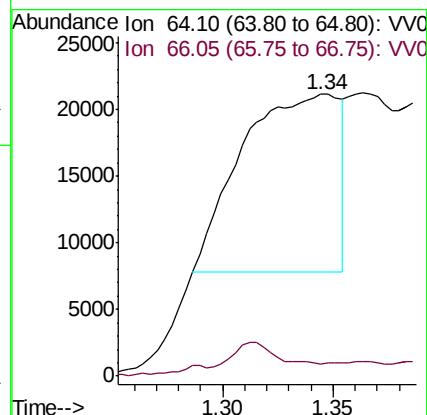
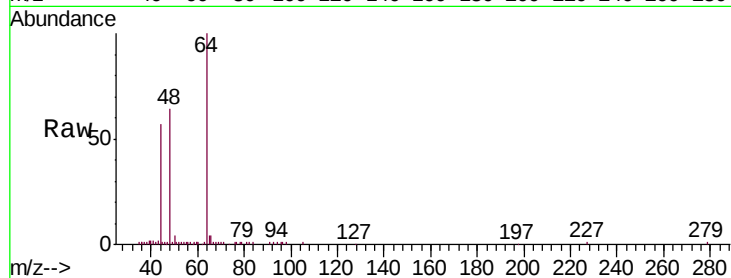
F9P50

Tgt Ion: 64 Resp: 41142

Ion Ratio Lower Upper

64 100

66 4.3 19.4 36.0#



#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011237.D

Acq: 05 Jun 2019 18:35

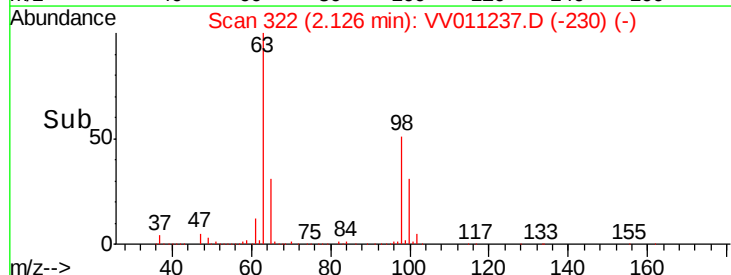
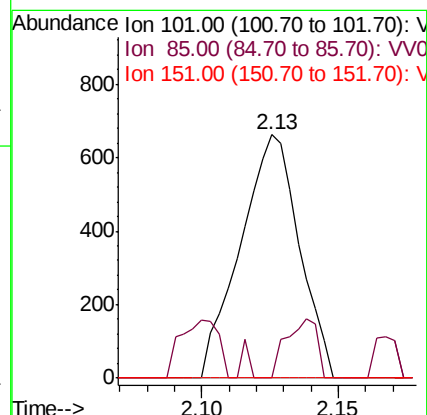
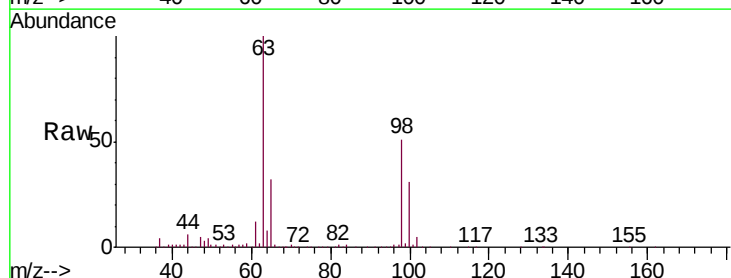
Tgt Ion: 101 Resp: 989

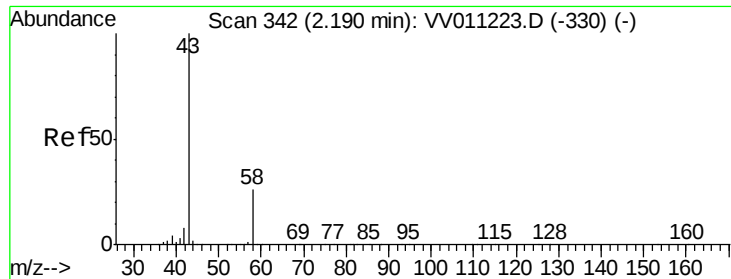
Ion Ratio Lower Upper

101 100

85 2.0 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 4.004 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.04 min

Lab File: VV011237.D

Acq: 05 Jun 2019 18:35

Instrument :

MSVOA_V

ClientSampled :

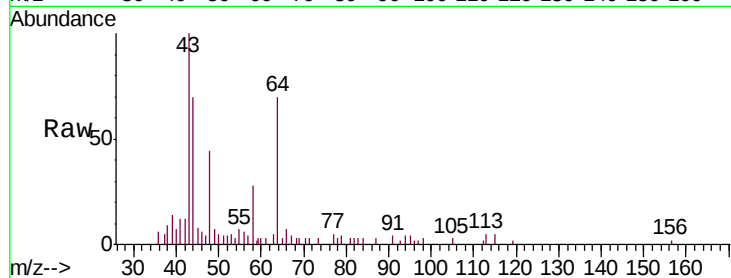
F9P50

Tgt Ion: 43 Resp: 7765

Ion Ratio Lower Upper

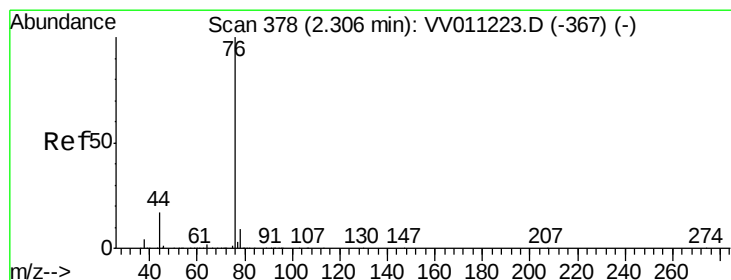
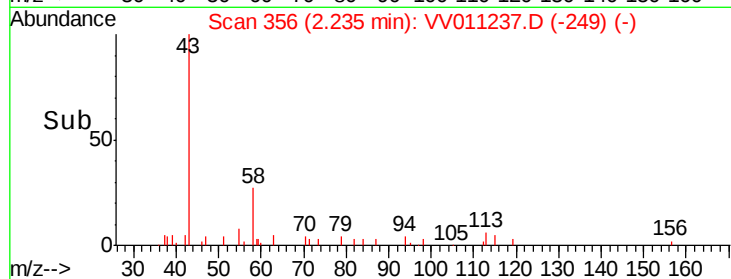
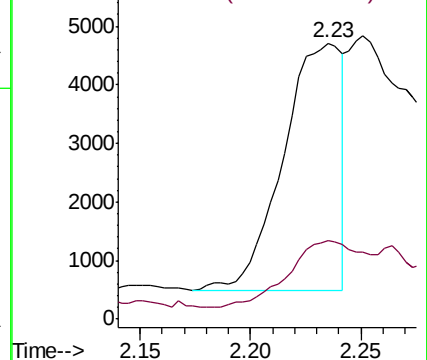
43 100

58 33.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 2.869 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV011237.D

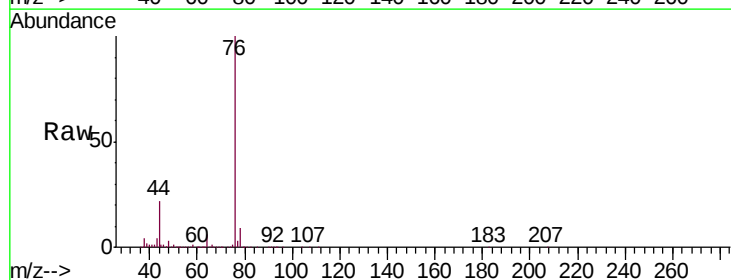
Acq: 05 Jun 2019 18:35

Tgt Ion: 76 Resp: 92944

Ion Ratio Lower Upper

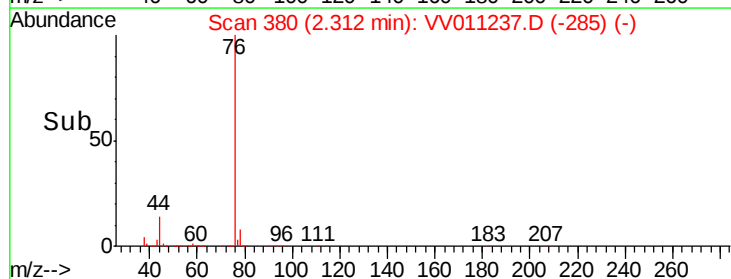
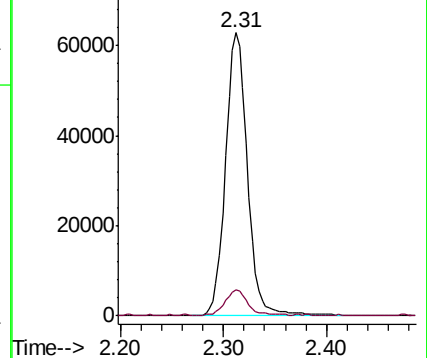
76 100

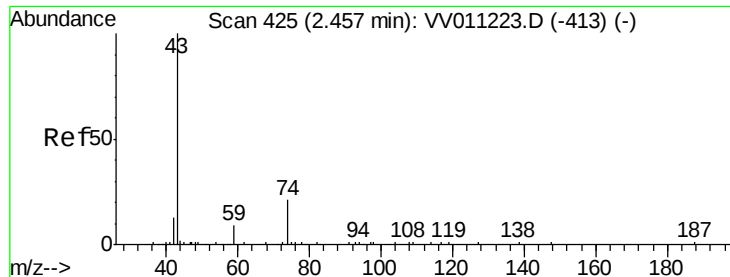
78 9.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

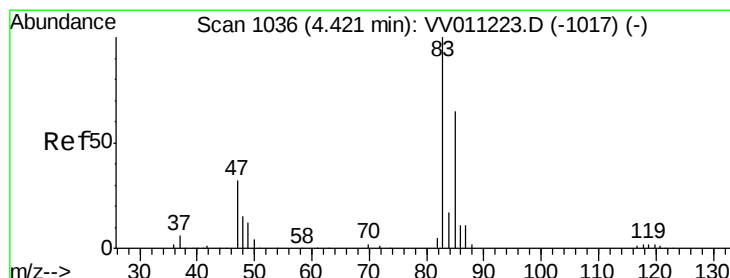
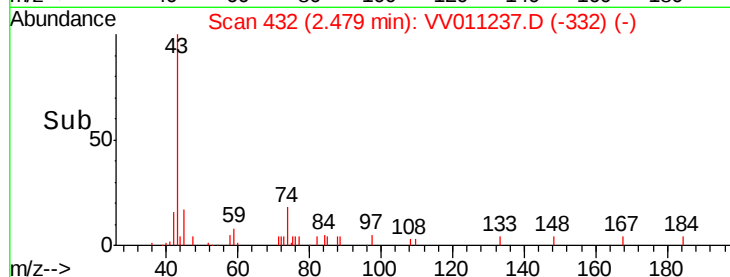
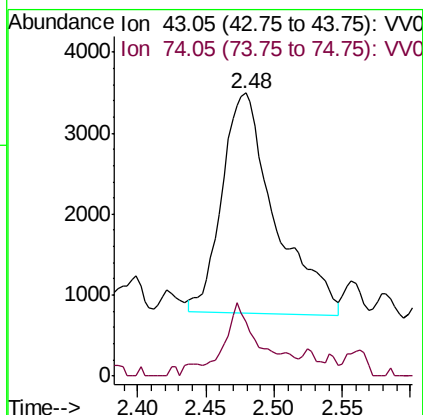
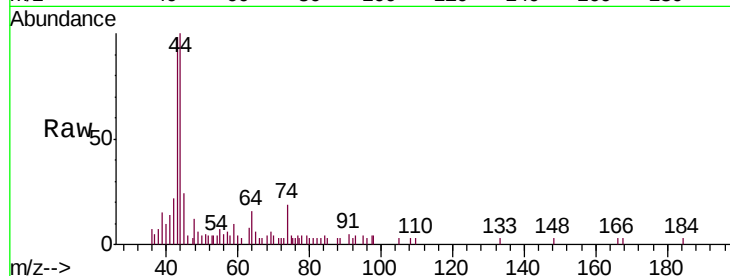




#15
Methyl Acetate
Concen: 1.432 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.02 min
Lab File: VV011237.D
Acq: 05 Jun 2019 18:35

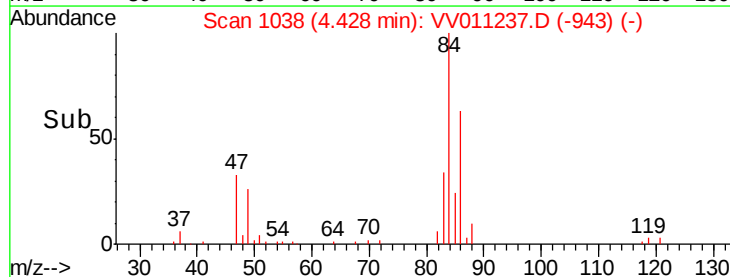
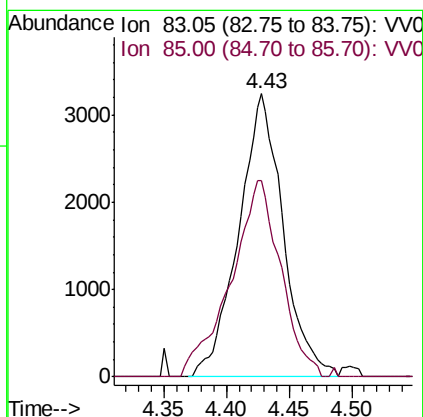
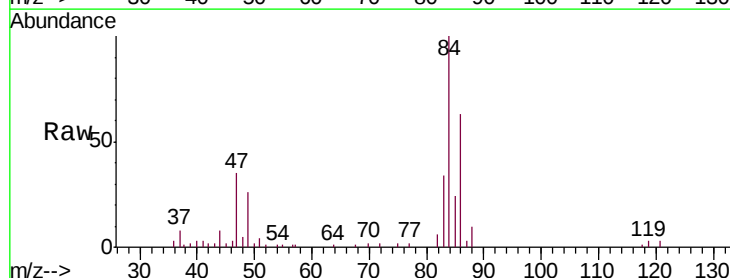
Instrument :
MSVOA_V
ClientSampleId :
F9P50

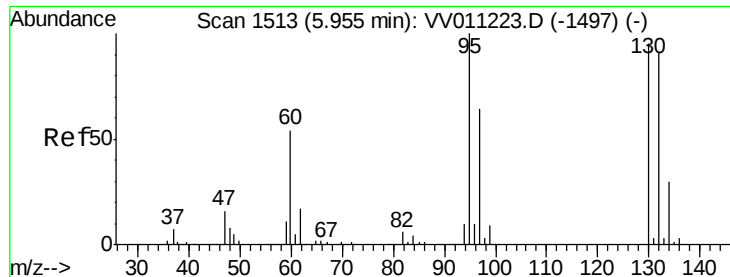
Tgt Ion: 43 Resp: 7375
Ion Ratio Lower Upper
43 100
74 22.7 18.5 27.7



#25
Chloroform
Concen: 0.327 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV011237.D
Acq: 05 Jun 2019 18:35

Tgt Ion: 83 Resp: 7973
Ion Ratio Lower Upper
83 100
85 69.4 44.1 81.9





#34

Trichloroethene

Concen: 0.216 ug/L

RT: 6.07 min Scan# 1549

Delta R.T. 0.12 min

Lab File: VV011237.D

Acq: 05 Jun 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

F9P50

Tgt Ion: 95 Resp: 2778

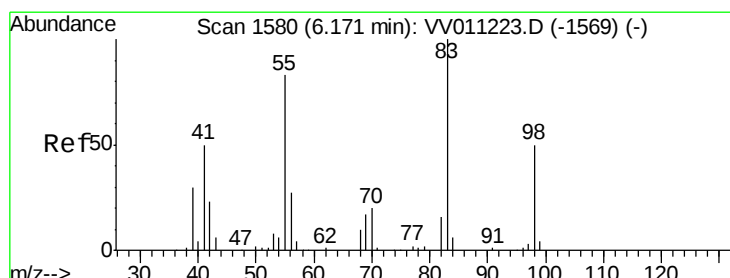
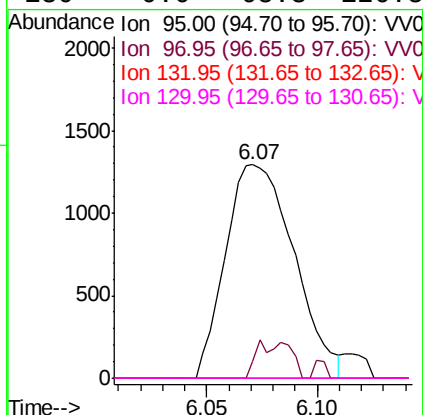
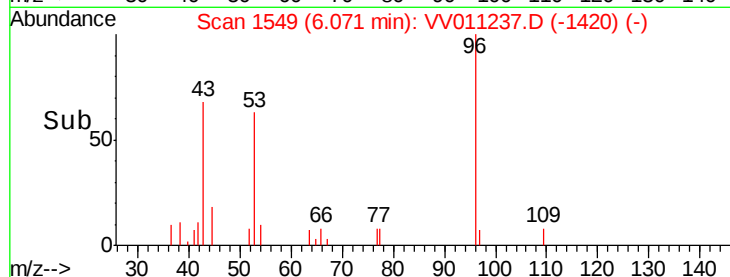
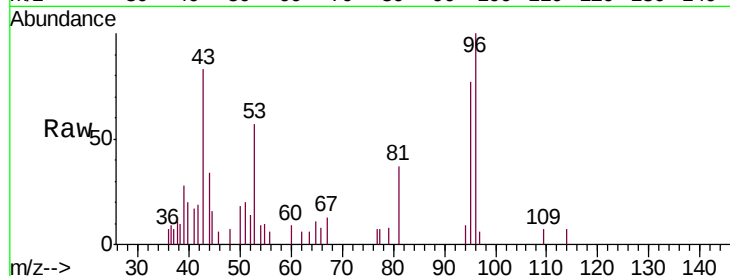
Ion Ratio Lower Upper

95 100

97 7.8 45.8 85.2#

132 0.0 66.4 123.2#

130 0.0 68.3 126.8#



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011237.D

Acq: 05 Jun 2019 18:35

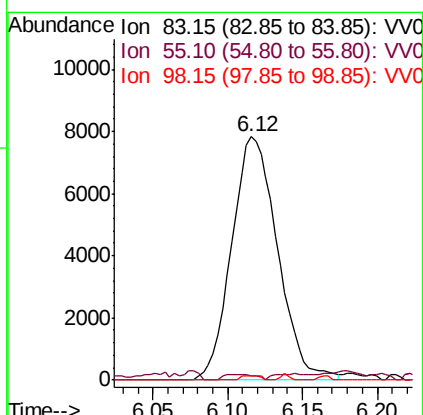
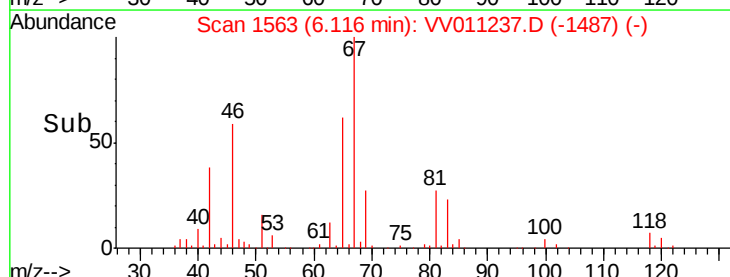
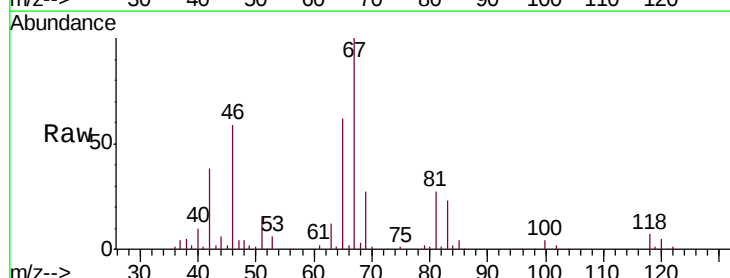
Tgt Ion: 83 Resp: 16701

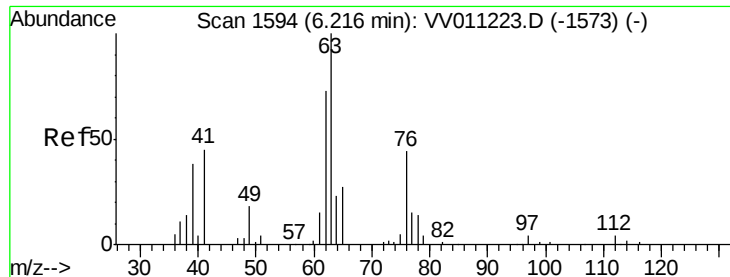
Ion Ratio Lower Upper

83 100

55 1.6 67.0 100.6#

98 0.8 40.0 60.0#

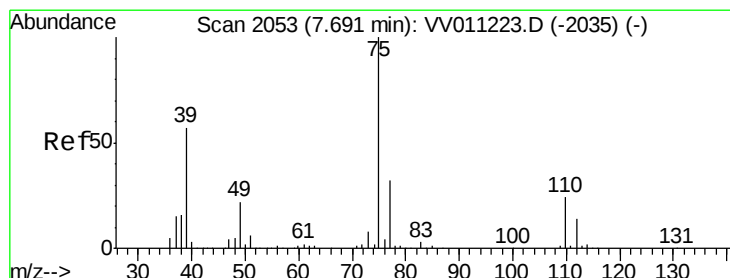
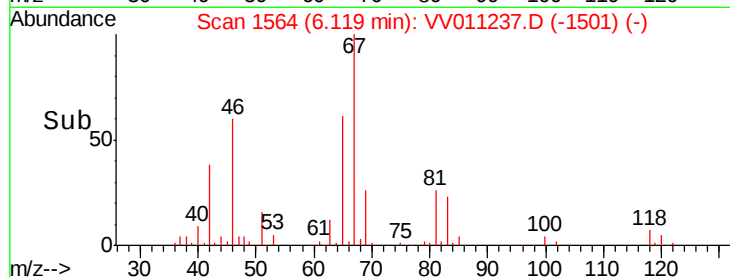
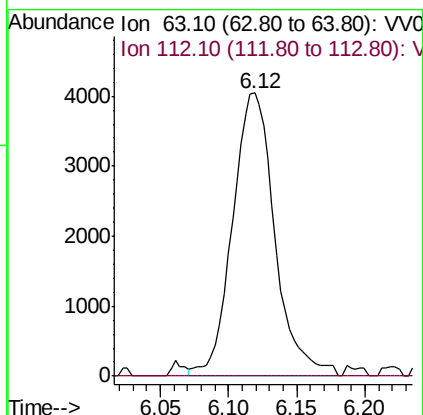
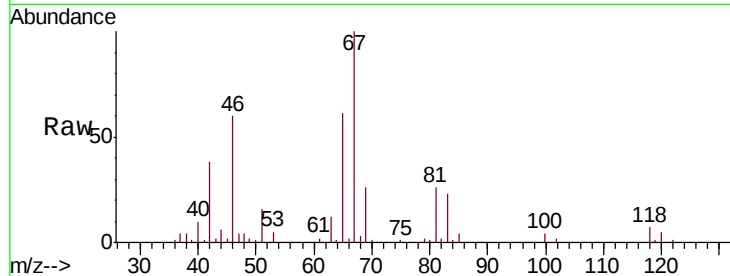




#37
 1,2-Dichloropropane
 Concen: 0.705 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011237.D
 Acq: 05 Jun 2019 18:35

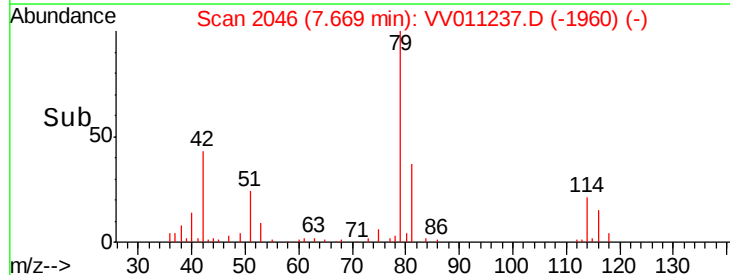
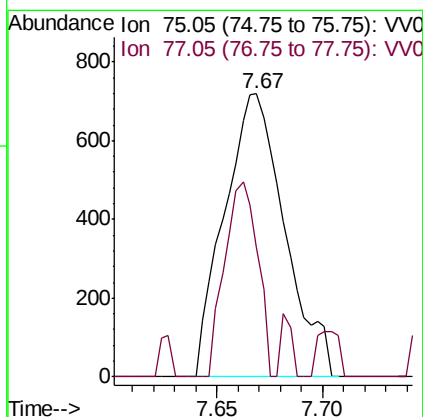
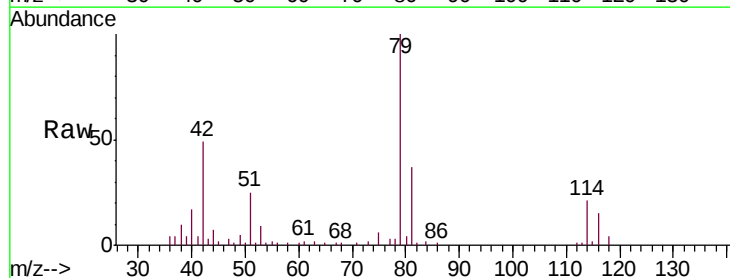
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P50

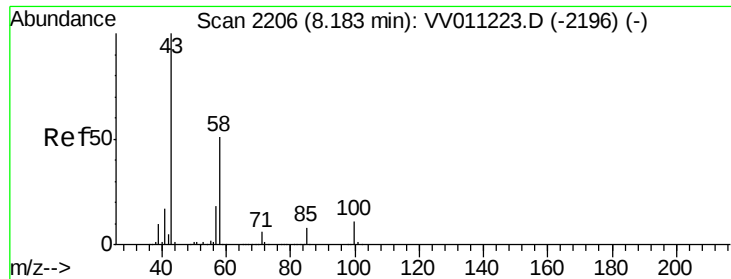
Tgt Ion: 63 Resp: 8715
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VV011237.D
 Acq: 05 Jun 2019 18:35

Tgt Ion: 75 Resp: 1429
 Ion Ratio Lower Upper
 75 100
 77 45.9 23.1 42.9#





#48

2-Hexanone

Concen: 5.706 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV011237.D

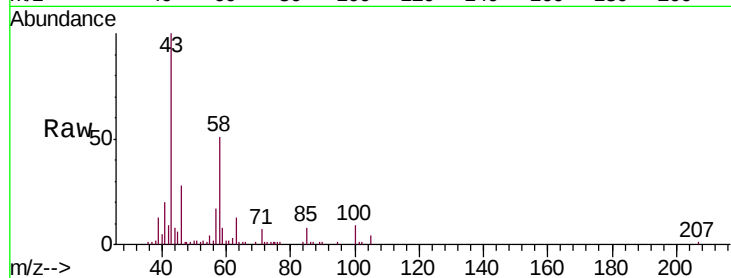
Acq: 05 Jun 2019 18:35

Instrument :

MSVOA_V

ClientSampleId :

F9P50



Tgt Ion: 43 Resp: 31330

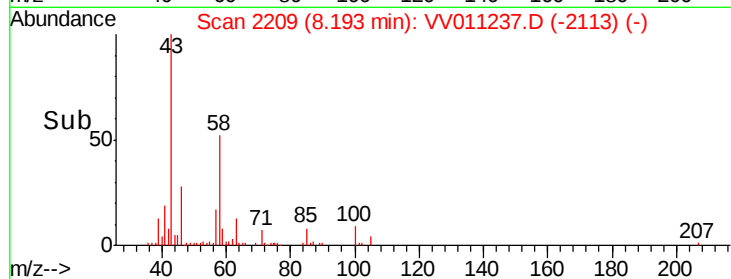
Ion Ratio Lower Upper

43 100

58 56.2 41.4 62.0

57 19.7 15.0 22.4

100 10.6 9.0 13.4



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

