

Data File : VV011236.D
Acq On : 05 Jun 2019 18:09
Operator : SY/MD
Sample : K3197-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P49

Quant Time: Jun 06 05:48:29 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	171789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158162	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	68649	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	45777	4.23	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.13	63	99165	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.98	46	124550	42.50	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	4.40	84	102672	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	56621	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.09	84	225771	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	68716	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	205616	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.67	79	23205	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	115698	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44750	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68857	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

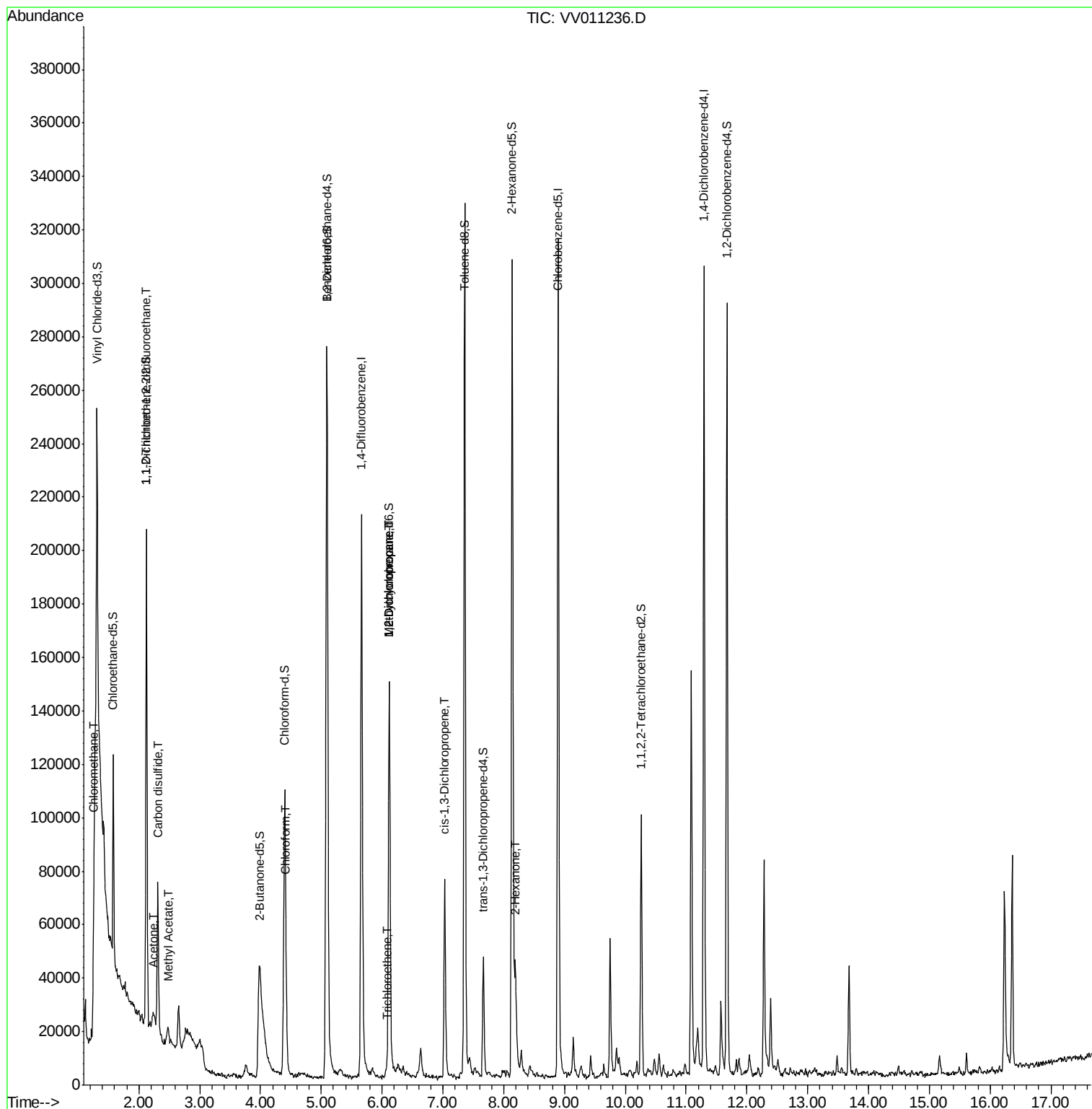
					Qvalue	
3) Chloromethane	1.25	50	2035	0.124	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1077	0.097	ug/L #	28
13) Acetone	2.24	43	9026	4.594	ug/L	62
14) Carbon disulfide	2.31	76	63154	1.924	ug/L	98
15) Methyl Acetate	2.48	43	9864	1.890	ug/L	97
25) Chloroform	4.43	83	6644	0.269	ug/L	97
34) Trichloroethene	6.07	95	1108	0.085	ug/L #	12
35) Methylcyclohexane	6.12	83	16582	0.771	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8370	0.668	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2179	0.119	ug/L #	77
48) 2-Hexanone	8.19	43	23698	4.260	ug/L	94

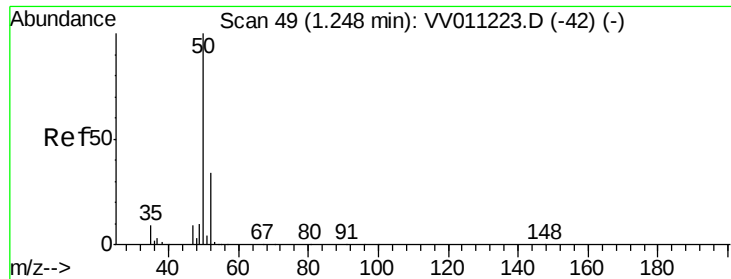
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

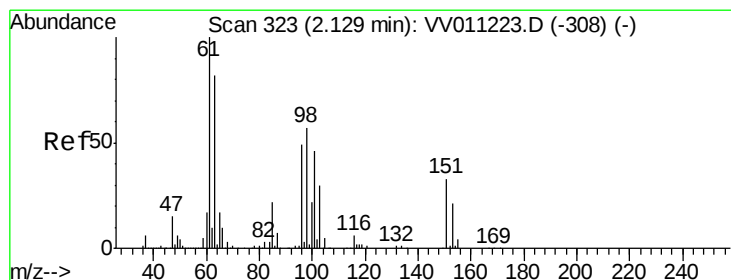
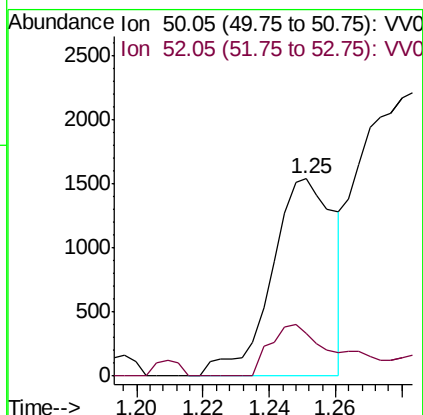
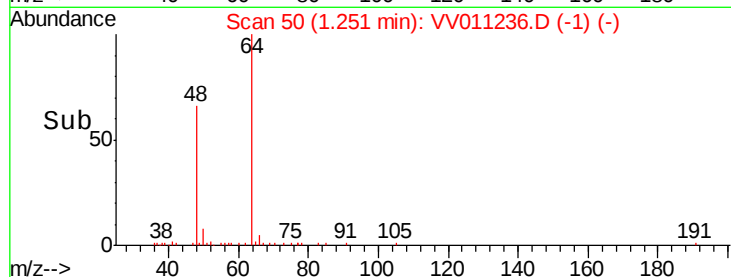
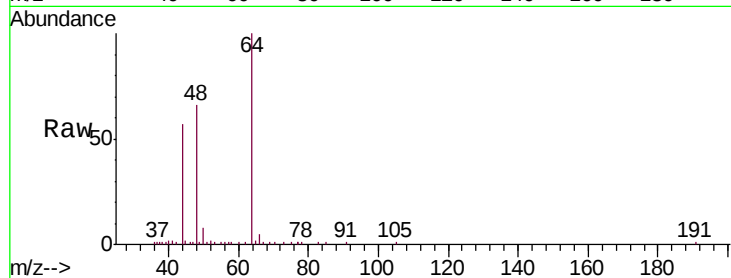
F9P49

Tgt Ion: 50 Resp: 2035

Ion Ratio Lower Upper

50 100

52 21.8 22.3 41.5#



#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

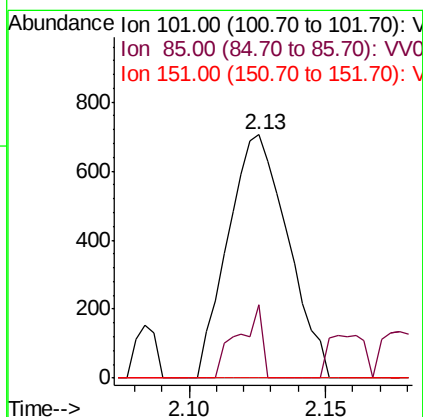
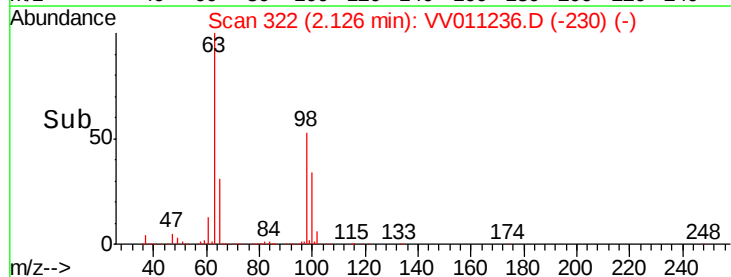
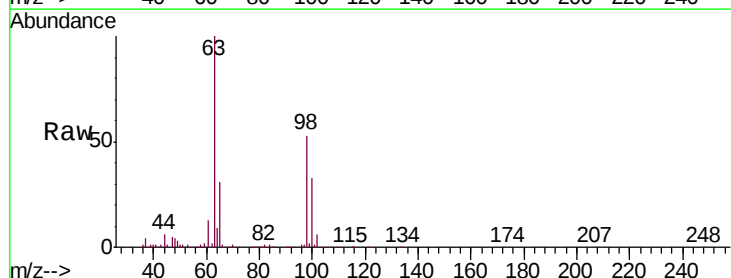
Tgt Ion: 101 Resp: 1077

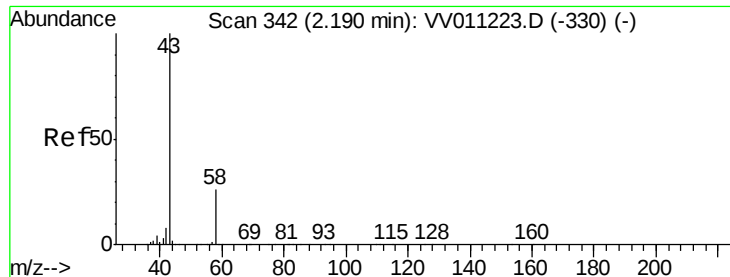
Ion Ratio Lower Upper

101 100

85 12.3 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 4.594 ug/L

RT: 2.24 min Scan# 358

Delta R.T. 0.05 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

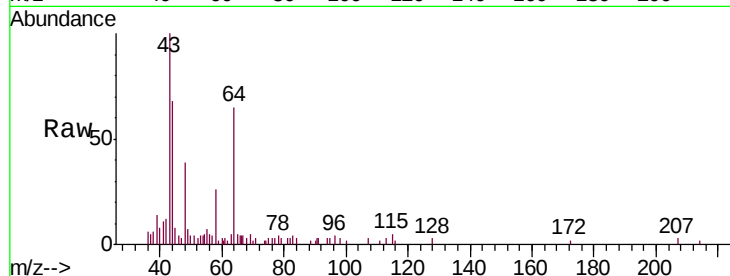
Instrument :
MSVOA_V
ClientSampled :
F9P49

Tgt Ion: 43 Resp: 9026

Ion Ratio Lower Upper

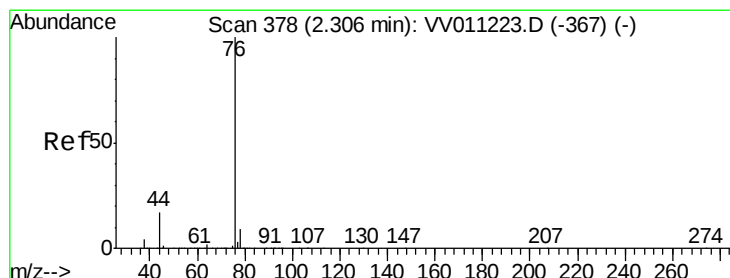
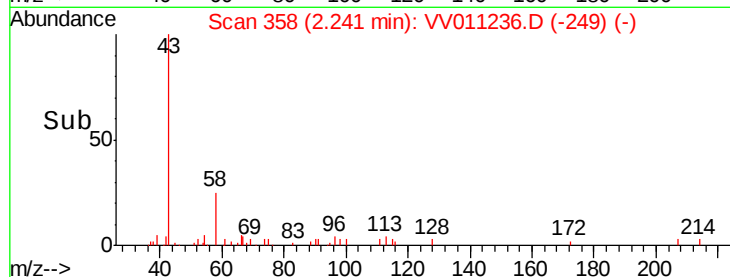
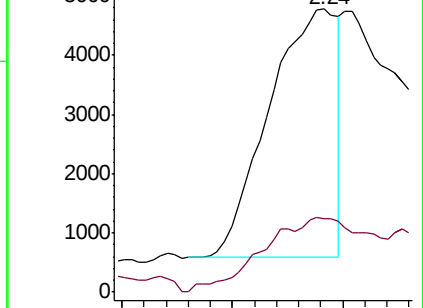
43 100

58 47.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011236.D (-358) (-)

Ion 58.05 (57.75 to 58.75): VV011236.D (-358) (-)



#14

Carbon disulfide

Concen: 1.924 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV011236.D

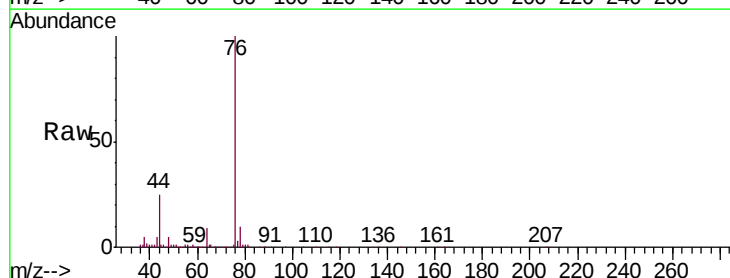
Acq: 05 Jun 2019 18:09

Tgt Ion: 76 Resp: 63154

Ion Ratio Lower Upper

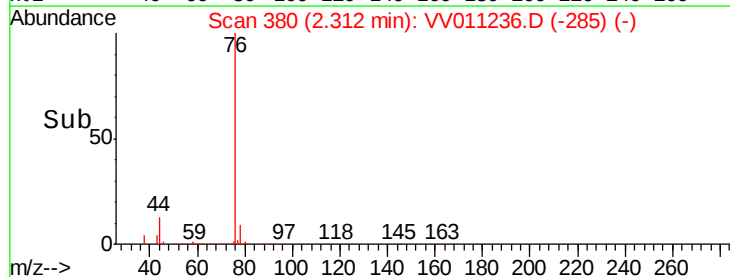
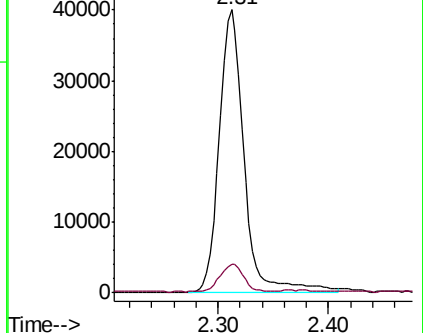
76 100

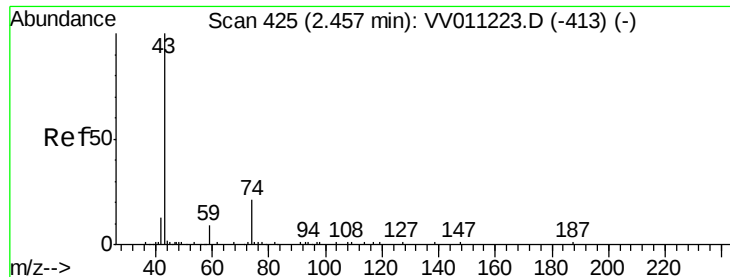
78 10.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV011236.D (-380) (-)

Ion 78.00 (77.70 to 78.70): VV011236.D (-380) (-)

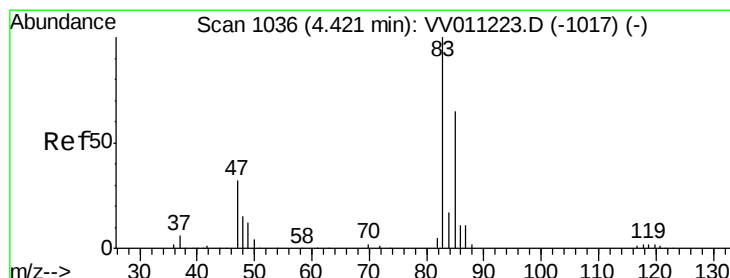
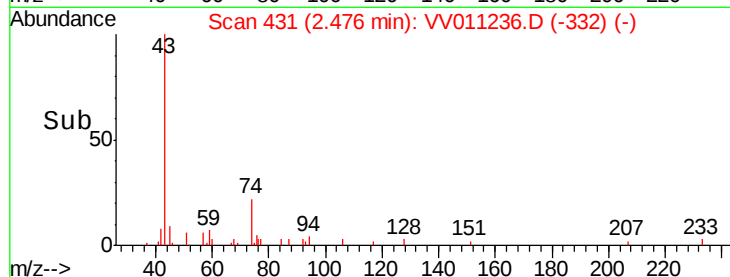
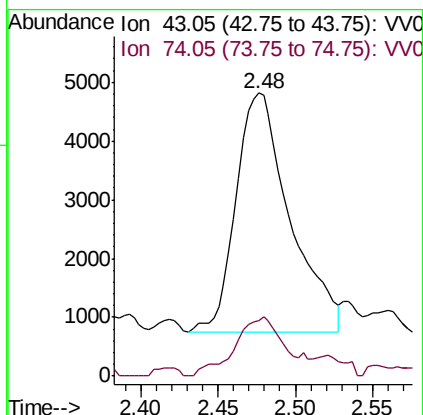
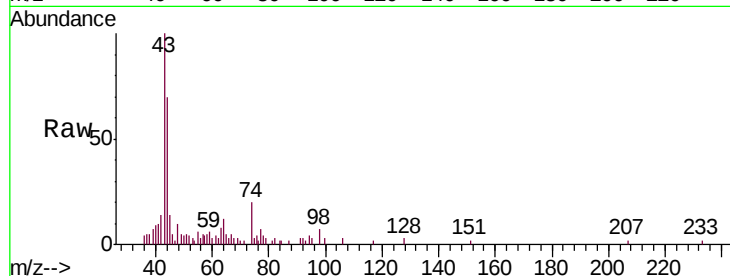




#15
Methyl Acetate
Concen: 1.890 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.02 min
Lab File: VV011236.D
Acq: 05 Jun 2019 18:09

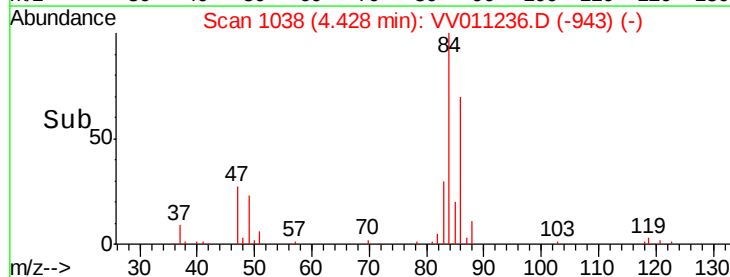
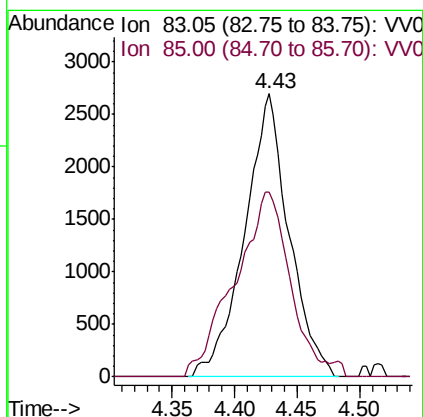
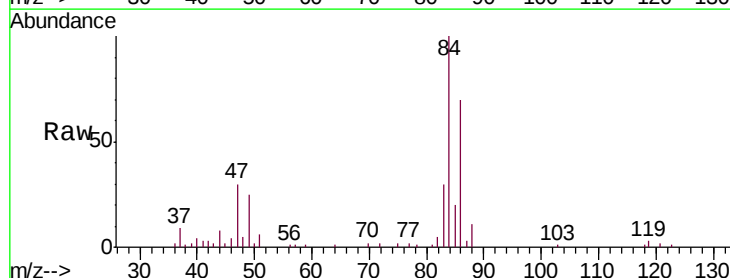
Instrument :
MSVOA_V
ClientSampled :
F9P49

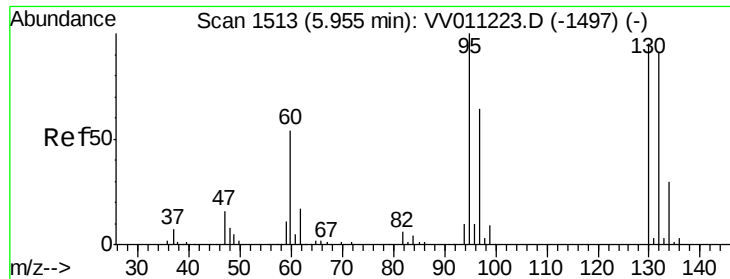
Tgt Ion: 43 Resp: 9864
Ion Ratio Lower Upper
43 100
74 21.7 18.5 27.7



#25
Chloroform
Concen: 0.269 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV011236.D
Acq: 05 Jun 2019 18:09

Tgt Ion: 83 Resp: 6644
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9





#34

Trichloroethene

Concen: 0.085 ug/L

RT: 6.07 min Scan# 1549

Delta R.T. 0.12 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

F9P49

Tgt Ion: 95 Resp: 1108

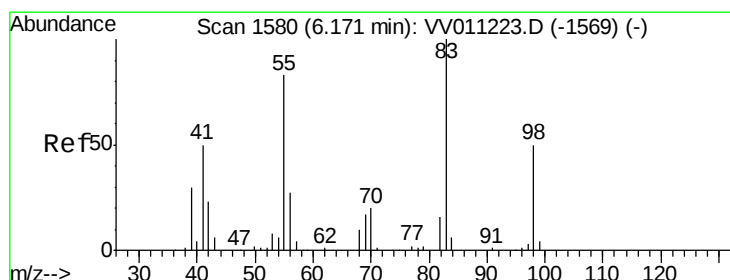
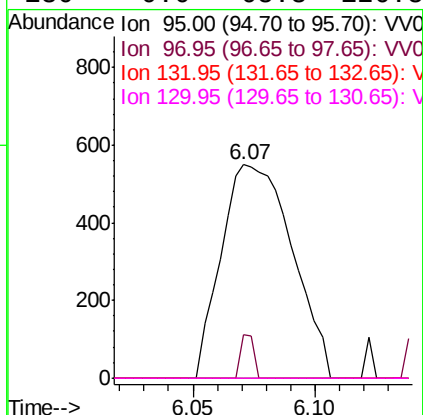
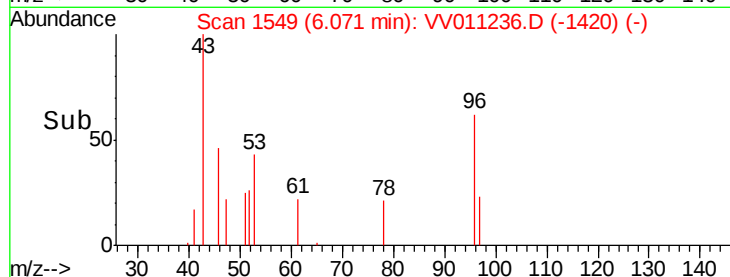
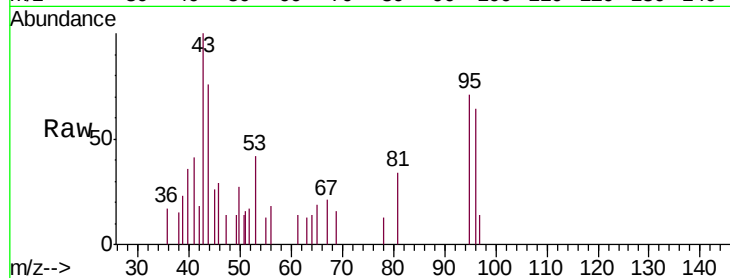
Ion Ratio Lower Upper

95 100

97 20.2 45.8 85.2#

132 0.0 66.4 123.2#

130 0.0 68.3 126.8#



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

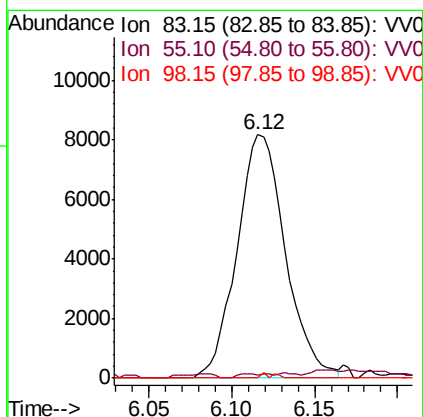
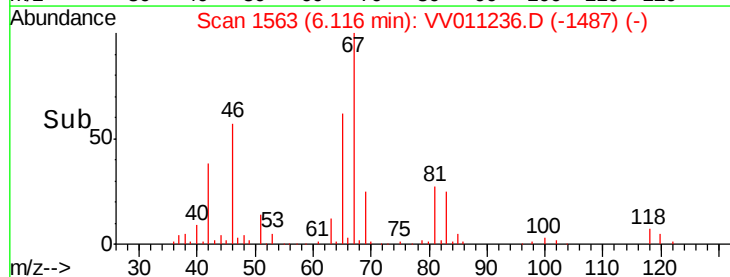
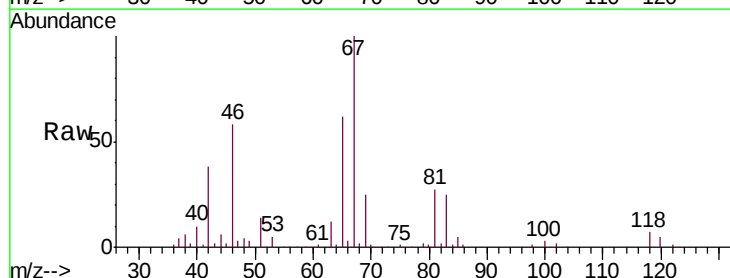
Tgt Ion: 83 Resp: 16582

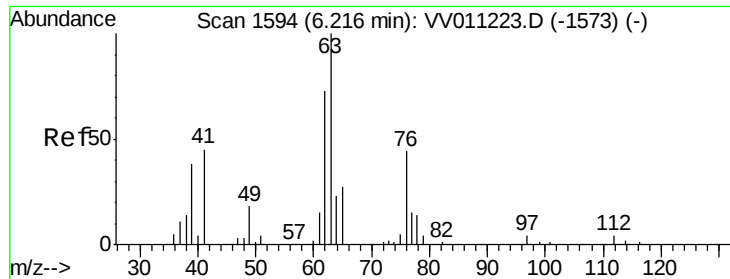
Ion Ratio Lower Upper

83 100

55 0.7 67.0 100.6#

98 0.2 40.0 60.0#

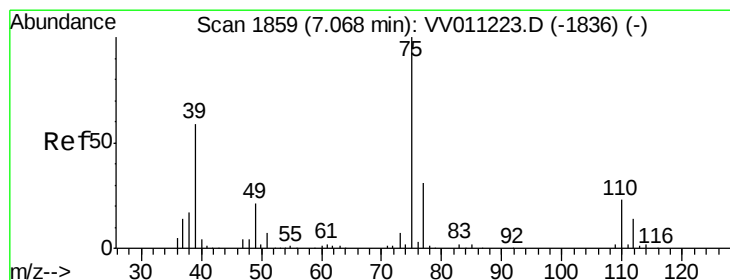
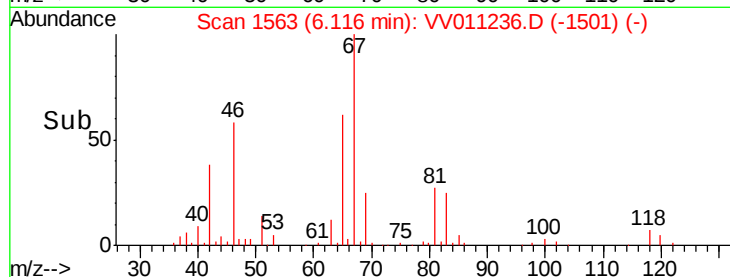
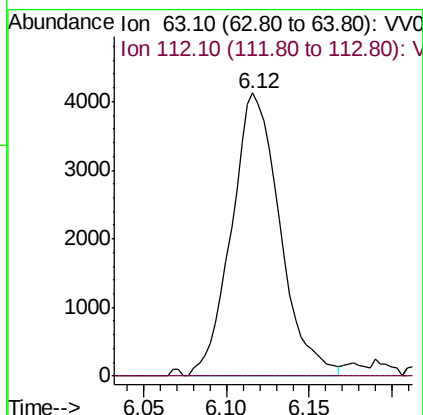
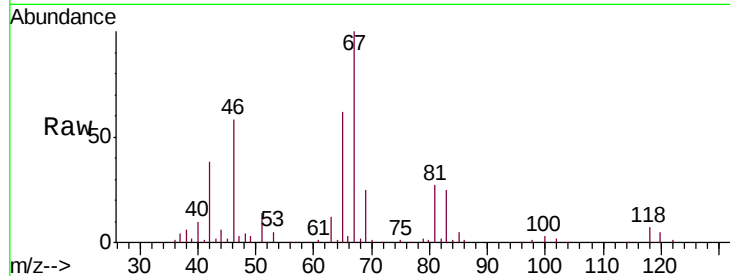




#37
 1,2-Dichloropropane
 Concen: 0.668 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011236.D
 Acq: 05 Jun 2019 18:09

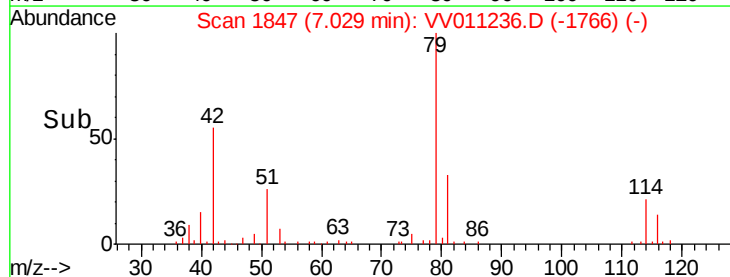
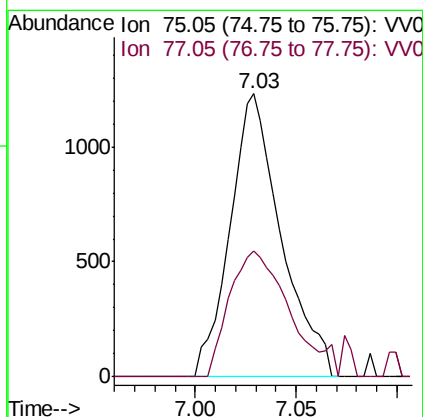
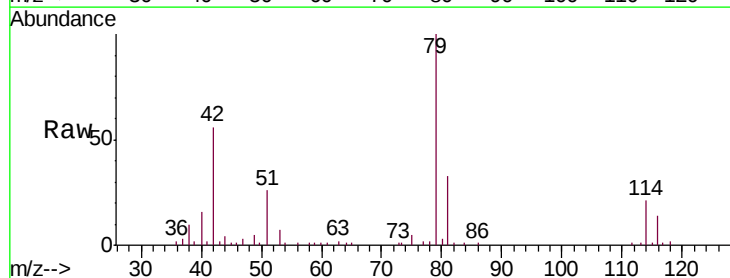
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P49

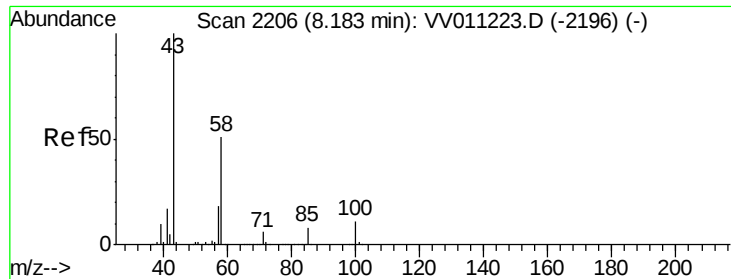
Tgt Ion: 63 Resp: 8370
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011236.D
 Acq: 05 Jun 2019 18:09

Tgt Ion: 75 Resp: 2179
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.2 41.2#





#48

2-Hexanone

Concen: 4.260 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV011236.D

Acq: 05 Jun 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

F9P49

Tgt Ion: 43 Resp: 23698

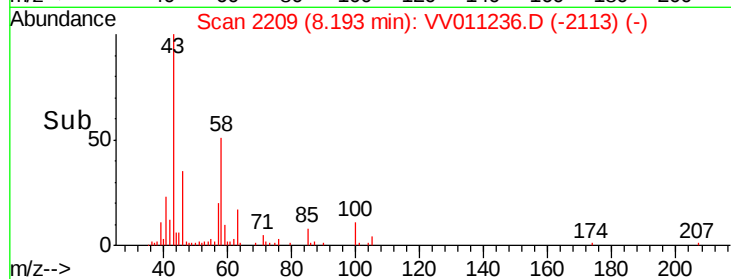
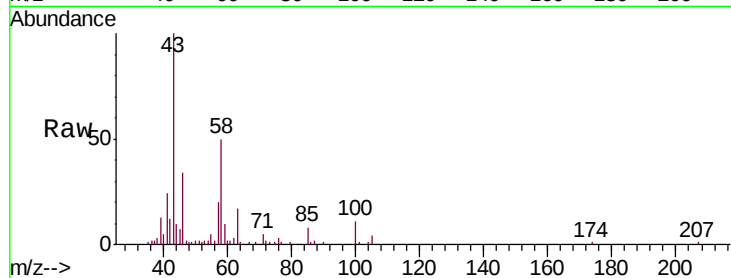
Ion Ratio Lower Upper

43 100

58 45.3 41.4 62.0

57 18.3 15.0 22.4

100 10.3 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

