

Data File : VV011247.D
Acq On : 06 Jun 2019 16:14
Operator : SY/MD
Sample : K3228-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P10

Quant Time: Jun 07 01:32:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164821	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62097	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57130	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.56	69	44853	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	87153	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.94	46	129339	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	4.40	84	97713	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	53187	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.09	84	202708	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	61534	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	184175	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	20310	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.13	63	107968	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41725	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	56786	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

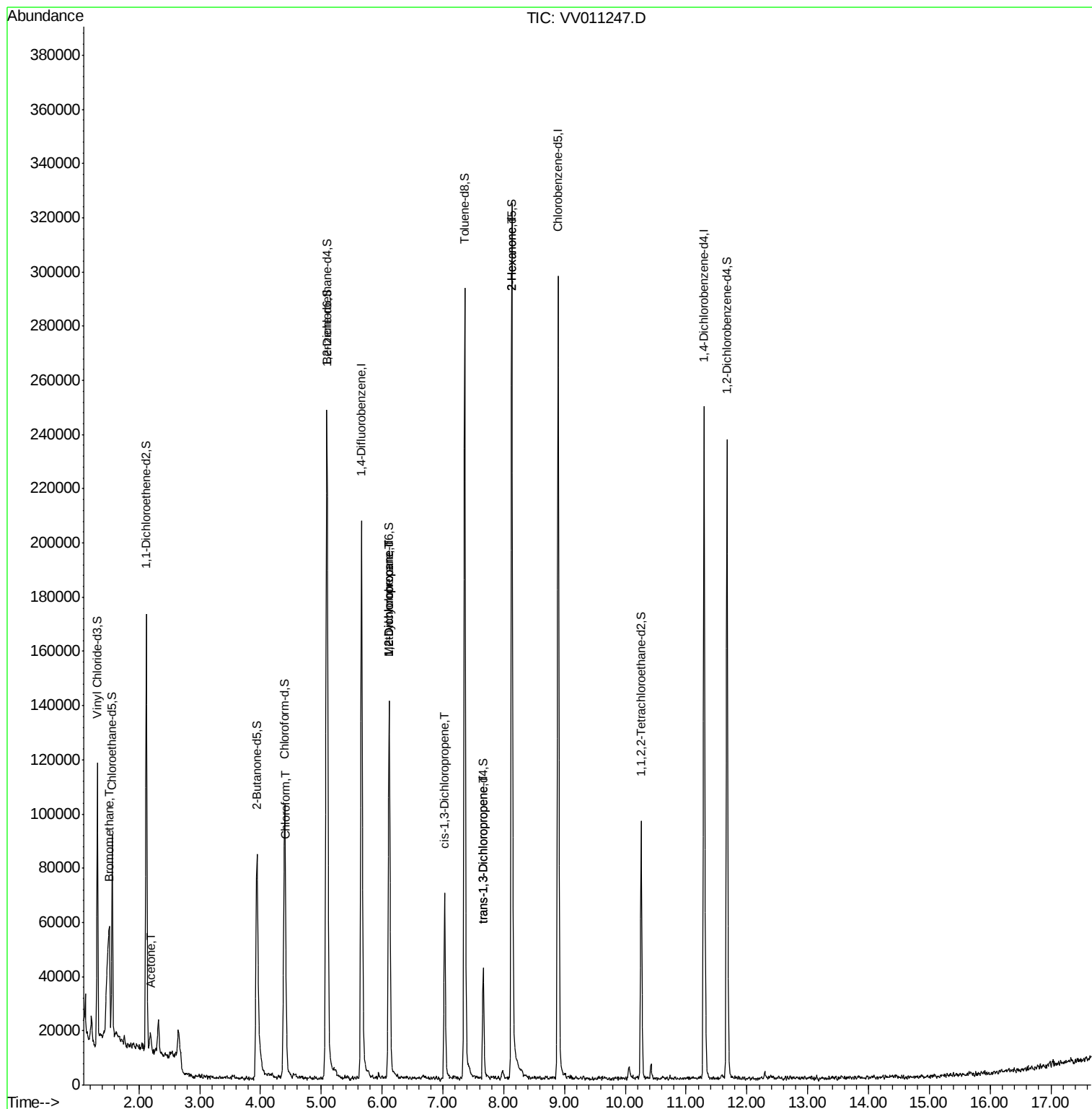
					Qvalue
6) Bromomethane	1.51	94	1118	0.142 ug/L	90
13) Acetone	2.19	43	5291	2.807 ug/L	78
25) Chloroform	4.42	83	2635	0.111 ug/L	77
35) Methylcyclohexane	6.12	83	15063	0.739 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7496	0.631 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2019	0.116 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1405	0.106 ug/L #	81
48) 2-Hexanone	8.13	43	12636	2.395 ug/L #	71

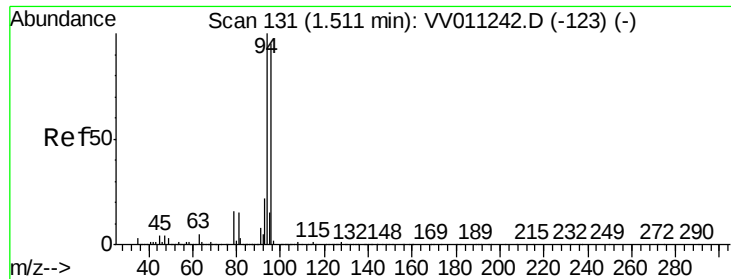
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.142 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

Lab File: VV011247.D

Acq: 06 Jun 2019 16:14

Instrument :

MSVOA_V

ClientSampled :

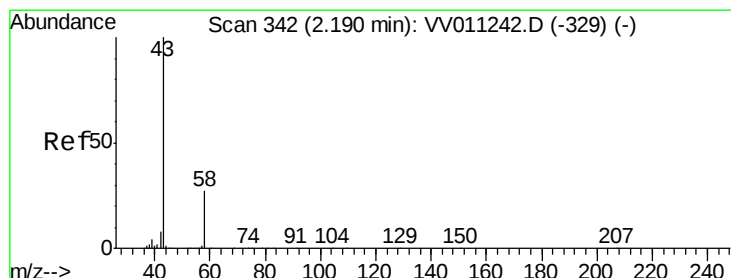
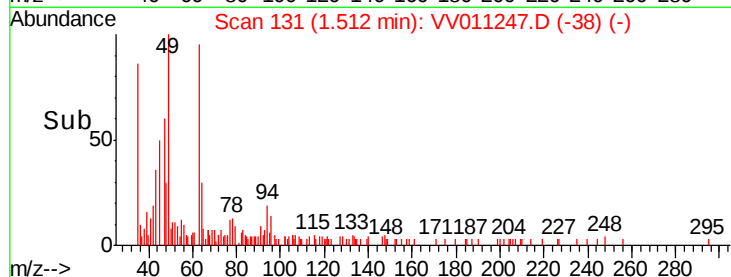
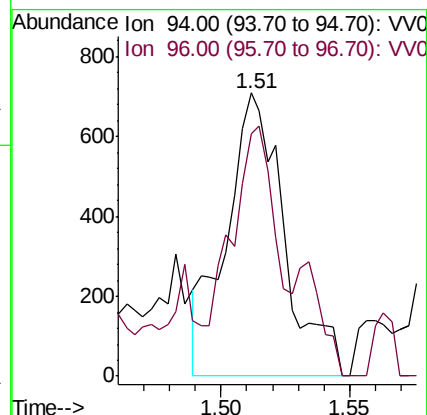
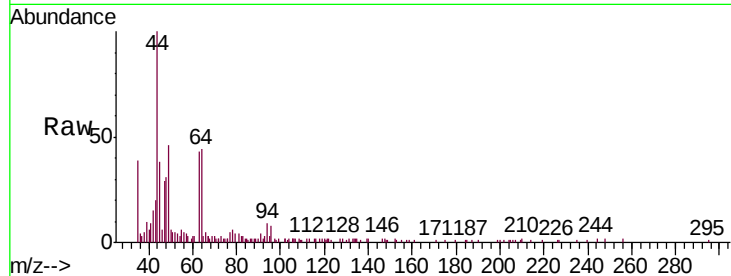
F9P10

Tgt Ion: 94 Resp: 1118

Ion Ratio Lower Upper

94 100

96 85.8 67.0 124.4



#13

Acetone

Concen: 2.807 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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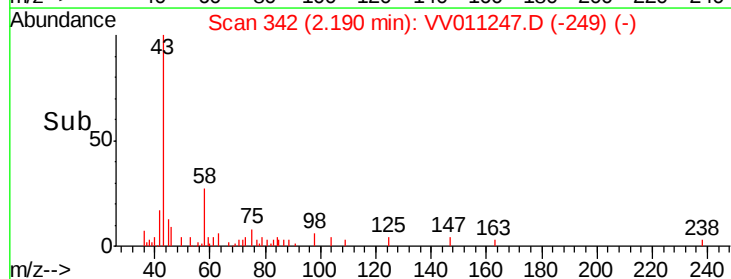
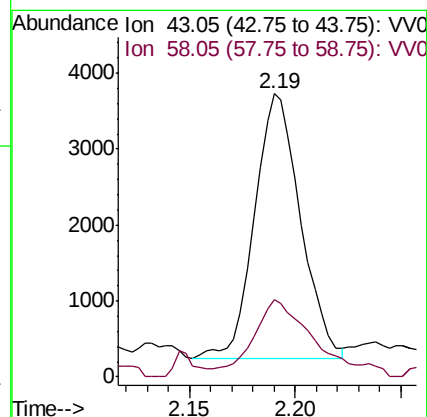
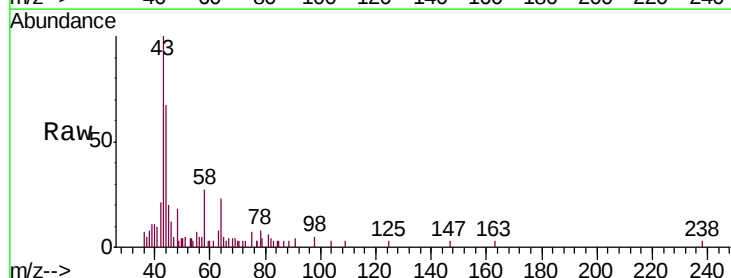
Acq: 06 Jun 2019 16:14

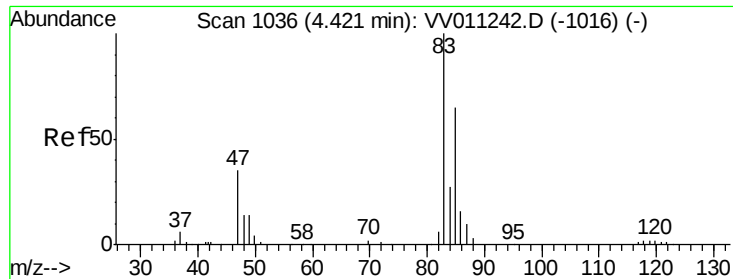
Tgt Ion: 43 Resp: 5291

Ion Ratio Lower Upper

43 100

58 39.0 0.0 55.2

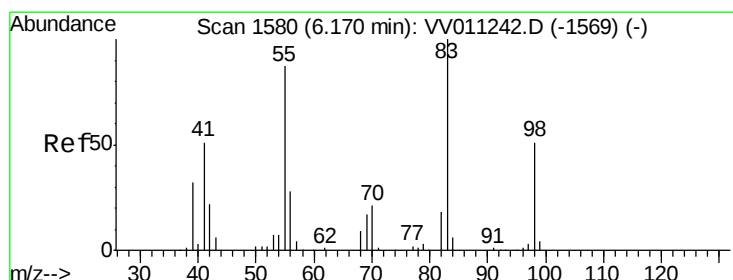
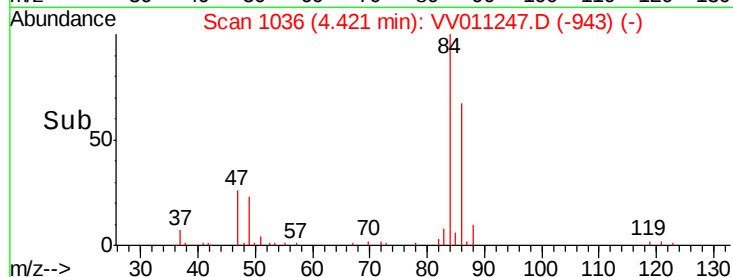
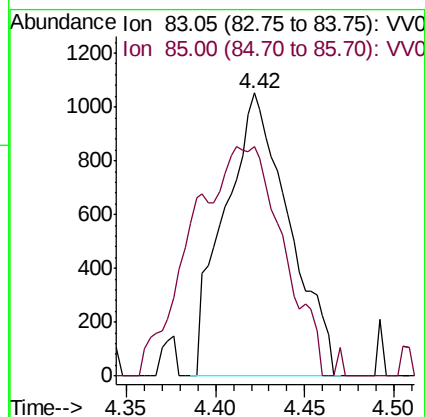
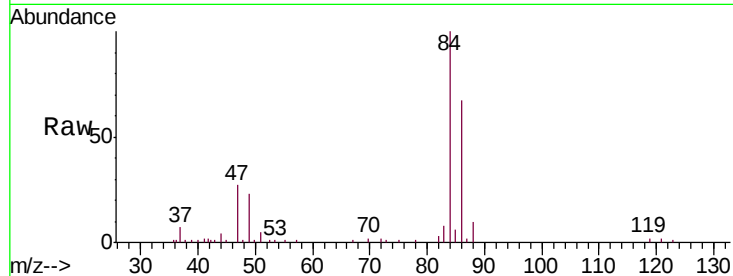




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011247.D
Acq: 06 Jun 2019 16:14

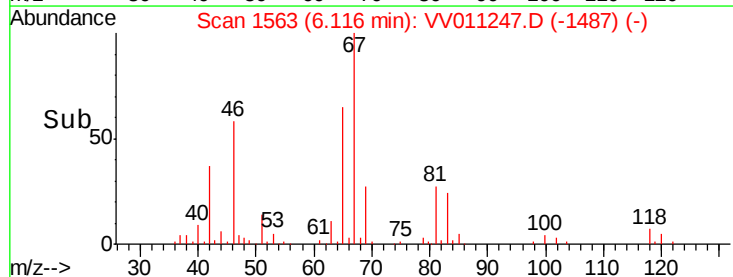
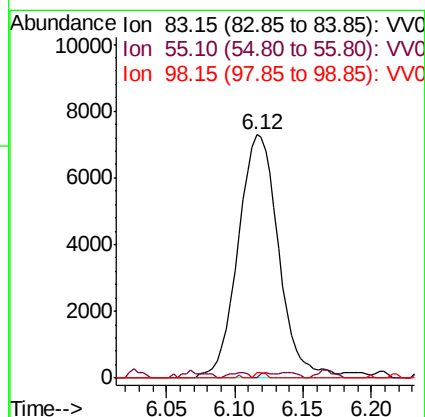
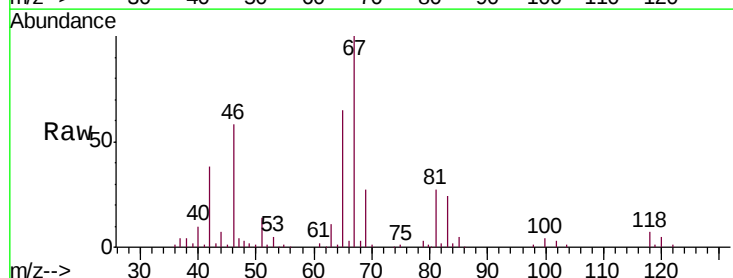
Instrument :
MSVOA_V
ClientSampled :
F9P10

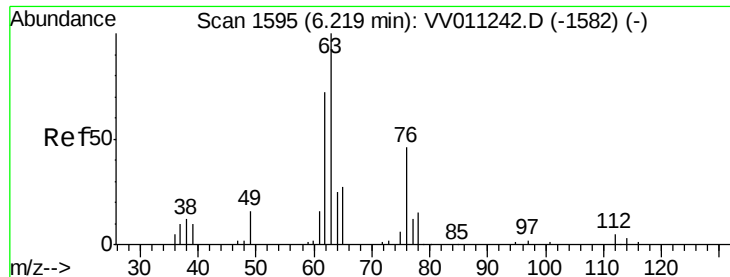
Tgt Ion: 83 Resp: 2635
Ion Ratio Lower Upper
83 100
85 80.9 44.1 81.9



#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011247.D
Acq: 06 Jun 2019 16:14

Tgt Ion: 83 Resp: 15063
Ion Ratio Lower Upper
83 100
55 0.7 67.0 100.6#
98 0.6 40.0 60.0#

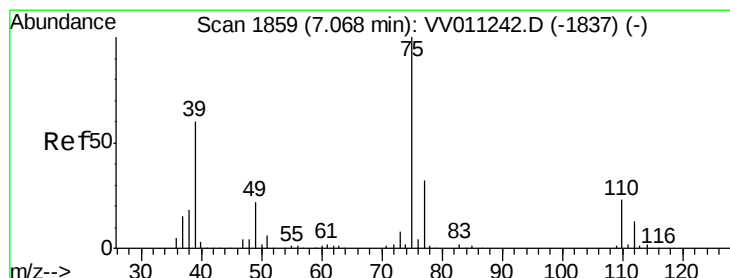
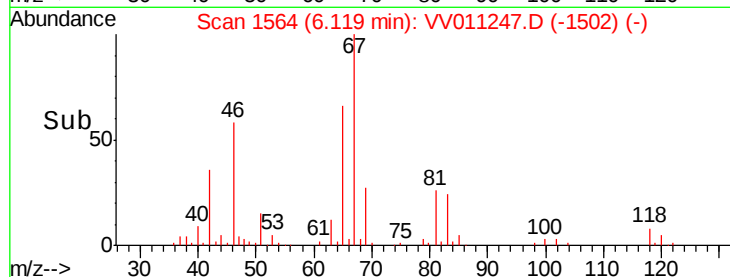
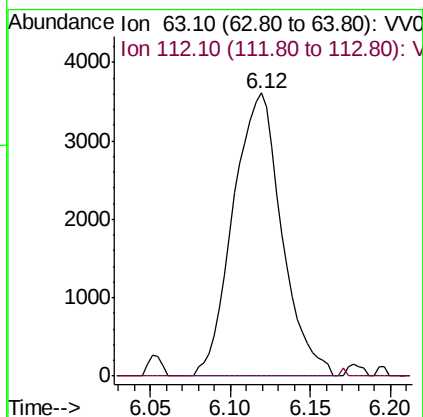
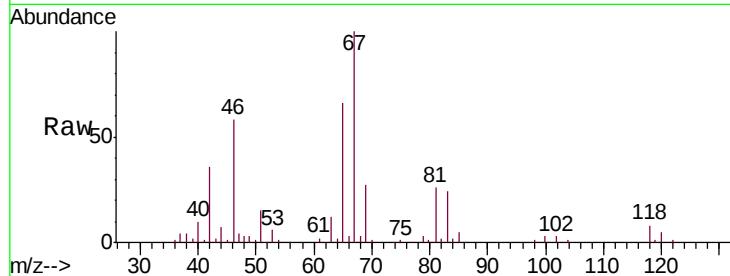




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011247.D
 Acq: 06 Jun 2019 16:14

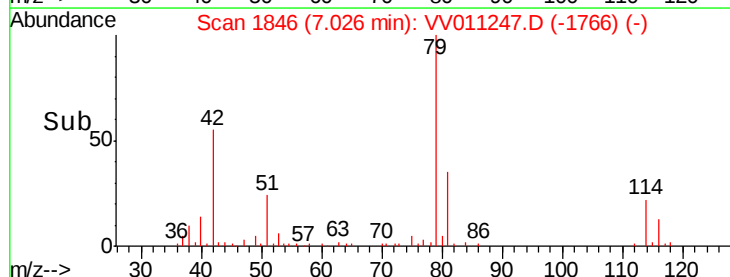
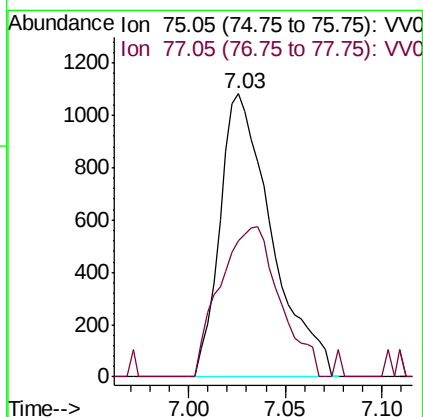
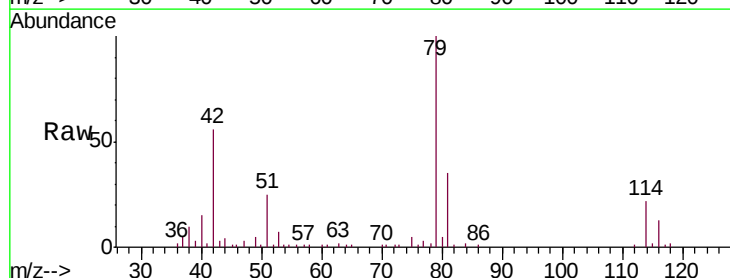
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P10

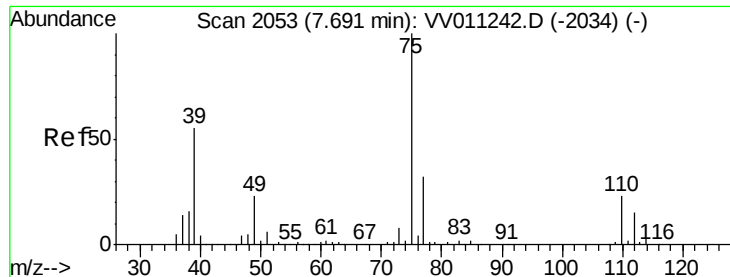
Tgt Ion: 63 Resp: 7496
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011247.D
 Acq: 06 Jun 2019 16:14

Tgt Ion: 75 Resp: 2019
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011247.D

Acq: 06 Jun 2019 16:14

Instrument :

MSVOA_V

ClientSampled :

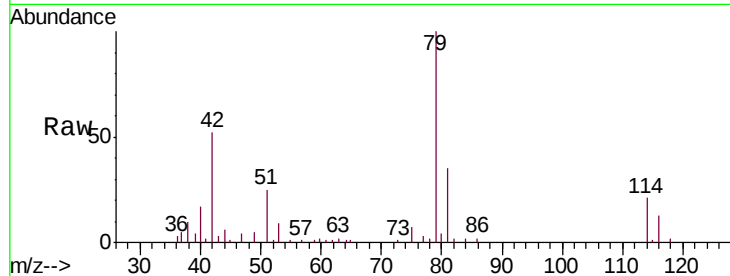
F9P10

Tgt Ion: 75 Resp: 1405

Ion Ratio Lower Upper

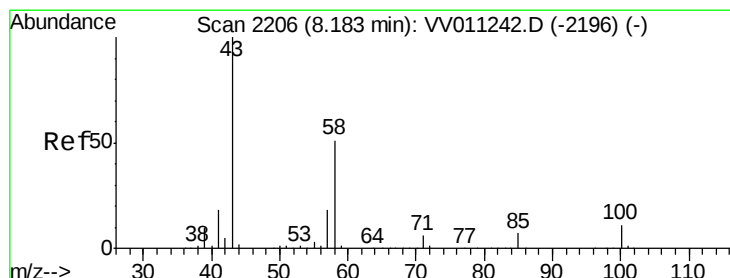
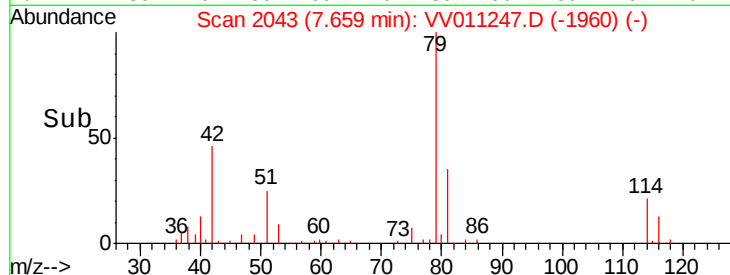
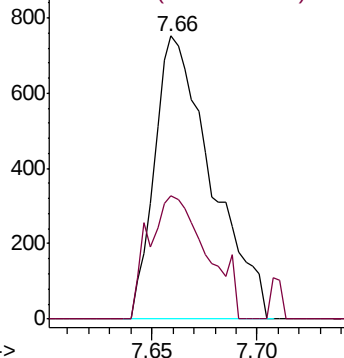
75 100

77 43.6 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.395 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011247.D

Acq: 06 Jun 2019 16:14

Tgt Ion: 43 Resp: 12636

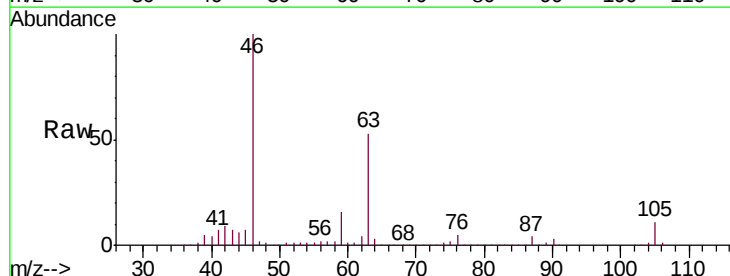
Ion Ratio Lower Upper

43 100

58 26.5 41.4 62.0#

57 24.3 15.0 22.4#

100 0.9 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

