

Data File : VV011249.D
Acq On : 06 Jun 2019 17:07
Operator : SY/MD
Sample : K3229-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P73

Quant Time: Jun 07 01:32:38 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	161235	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57807	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.56	69	46748	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	89990	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.94	46	128164	46.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.40	84	98800	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	55832	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	211206	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	63681	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	186834	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	21467	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	105434	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43148	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	58598	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

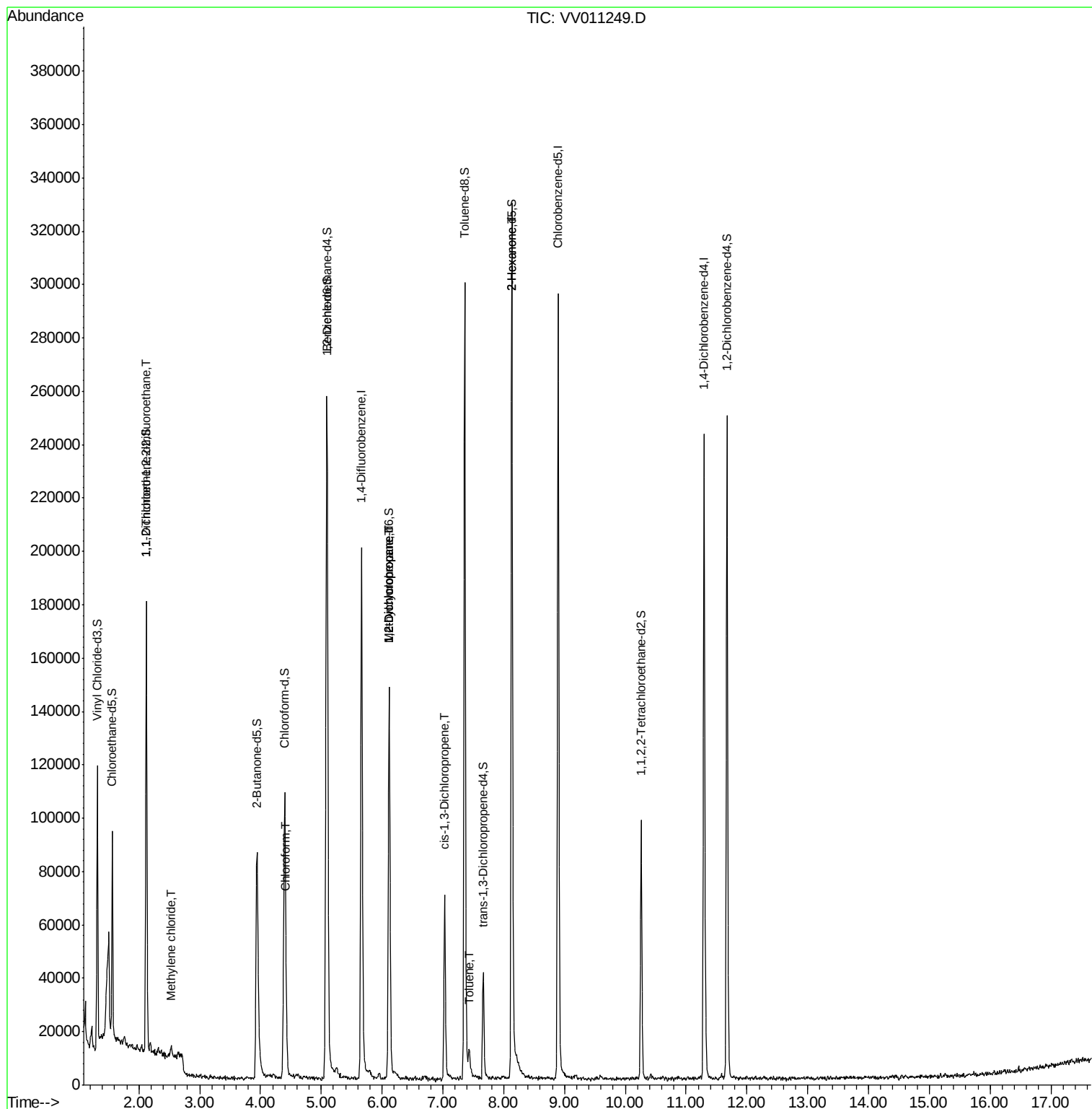
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	964	0.092	ug/L #	29
16) Methylene chloride	2.53	84	1609	0.154	ug/L	96
25) Chloroform	4.43	83	5695	0.246	ug/L	87
35) Methylcyclohexane	6.12	83	15307	0.739	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8385	0.695	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1946	0.110	ug/L #	69
42) Toluene	7.43	91	5696	0.110	ug/L	95
48) 2-Hexanone	8.13	43	13894	2.592	ug/L #	68

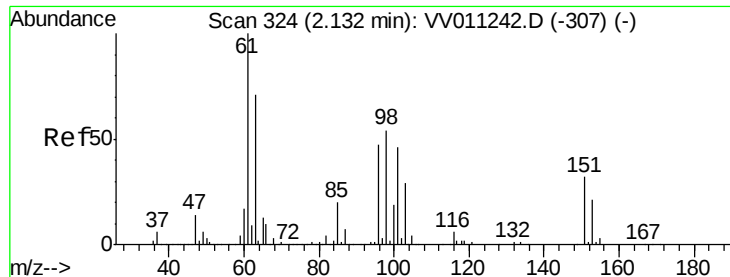
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.092 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011249.D

Acq: 06 Jun 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

F9P73

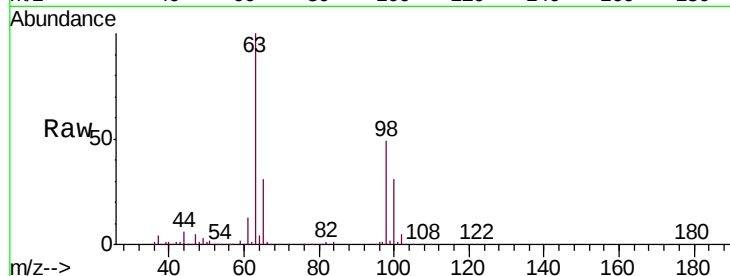
Tgt Ion:101 Resp: 964

Ion Ratio Lower Upper

101 100

85 13.3 35.5 53.3#

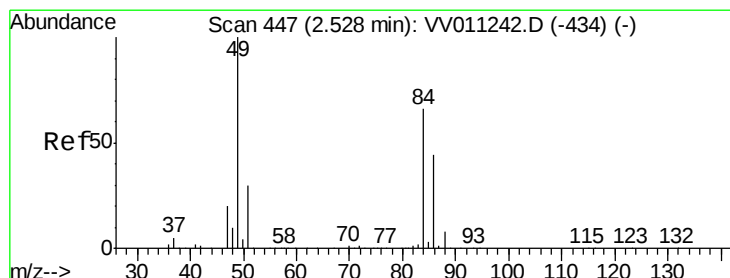
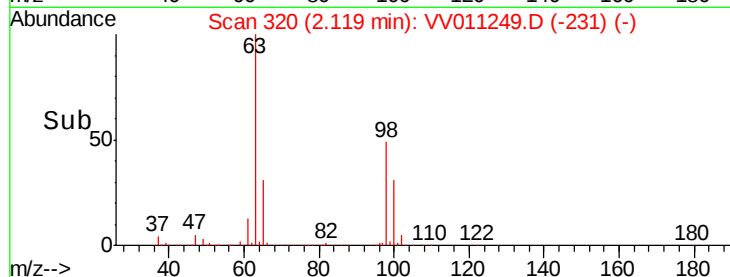
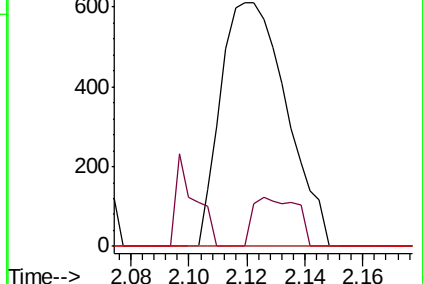
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.154 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV011249.D

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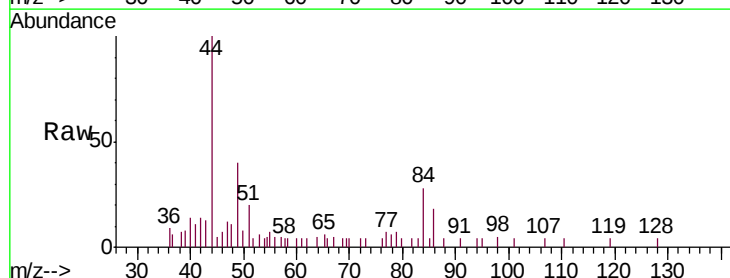
Tgt Ion: 84 Resp: 1609

Ion Ratio Lower Upper

84 100

86 62.1 44.9 83.3

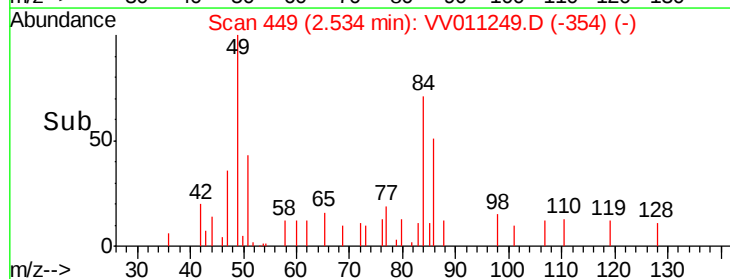
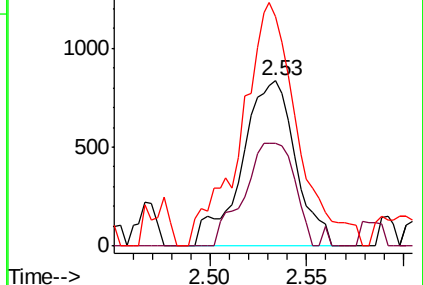
49 139.4 102.1 189.5

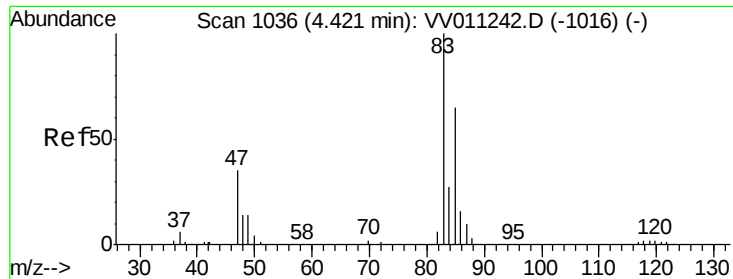


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

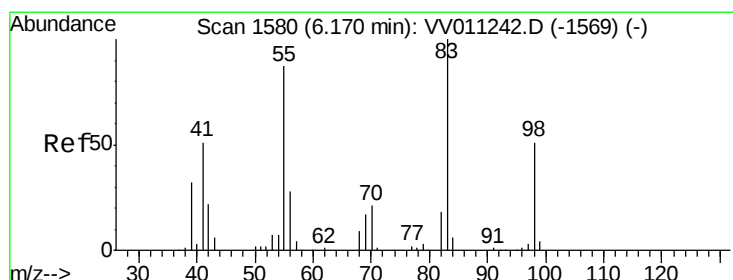
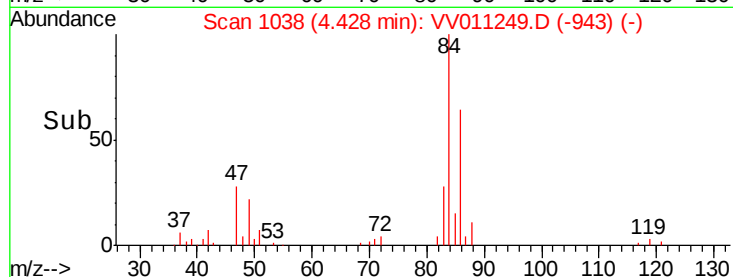
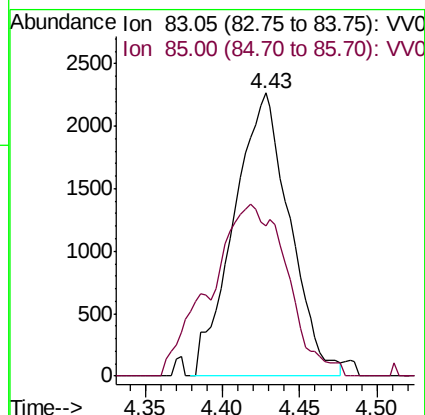
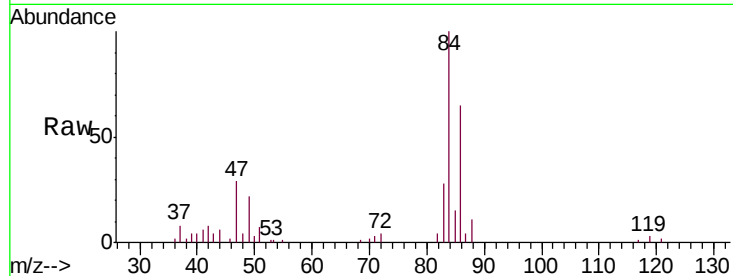




#25
Chloroform
Concen: 0.246 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV011249.D
Acq: 06 Jun 2019 17:07

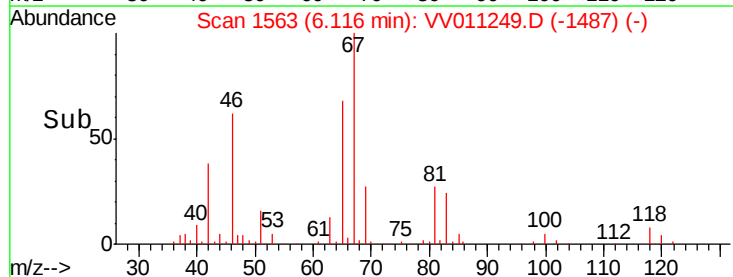
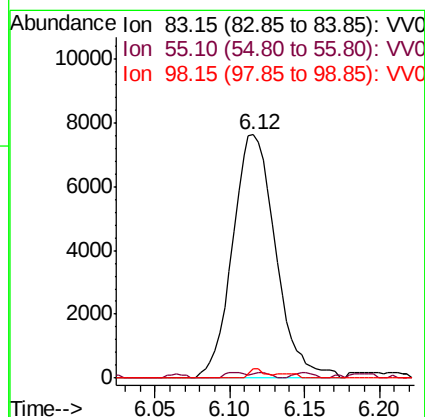
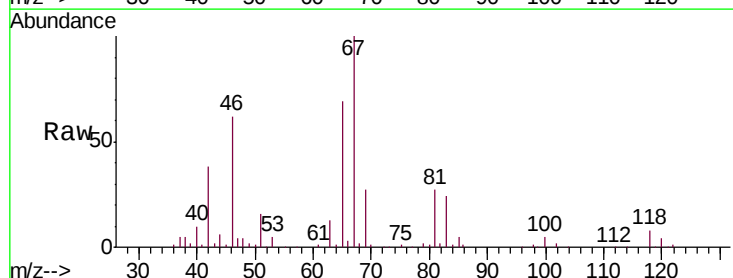
Instrument :
MSVOA_V
ClientSampled :
F9P73

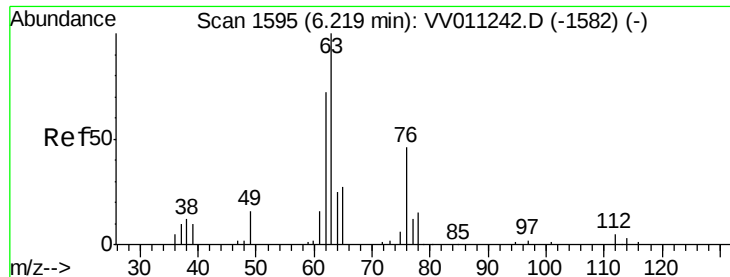
Tgt Ion: 83 Resp: 5695
Ion Ratio Lower Upper
83 100
85 53.3 44.1 81.9



#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011249.D
Acq: 06 Jun 2019 17:07

Tgt Ion: 83 Resp: 15307
Ion Ratio Lower Upper
83 100
55 0.9 67.0 100.6#
98 1.5 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.695 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011249.D

Acq: 06 Jun 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

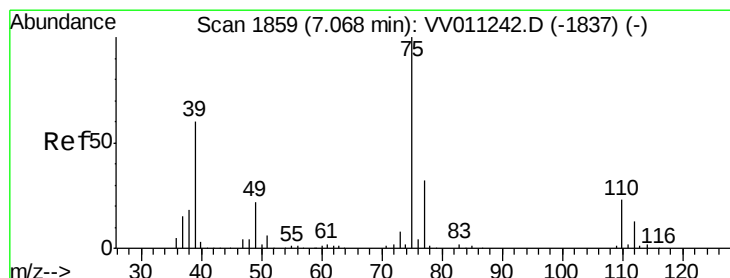
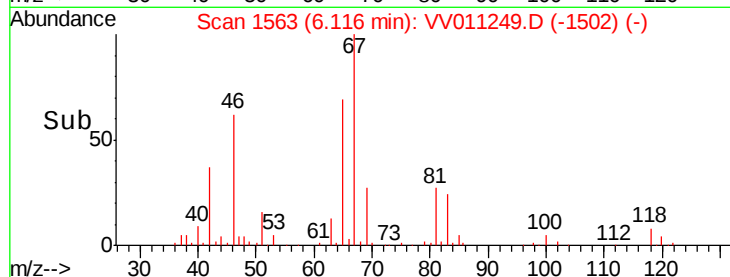
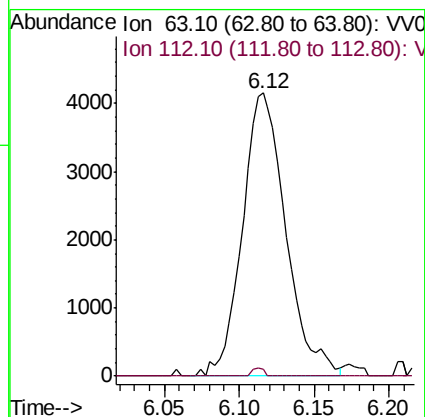
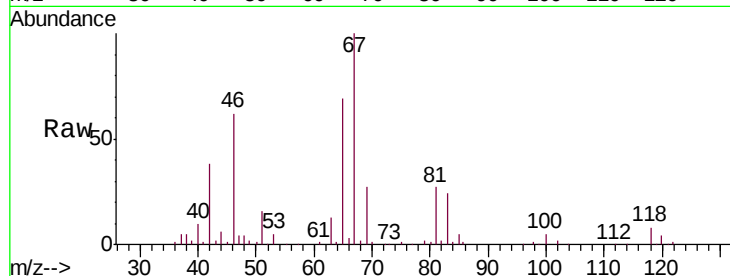
F9P73

Tgt Ion: 63 Resp: 8385

Ion Ratio Lower Upper

63 100

112 0.7 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011249.D

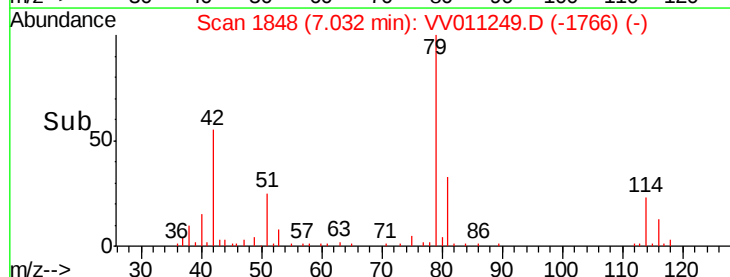
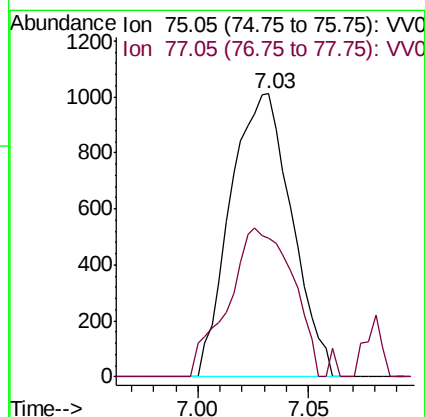
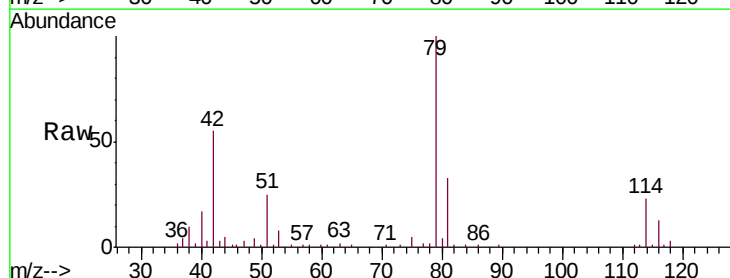
Acq: 06 Jun 2019 17:07

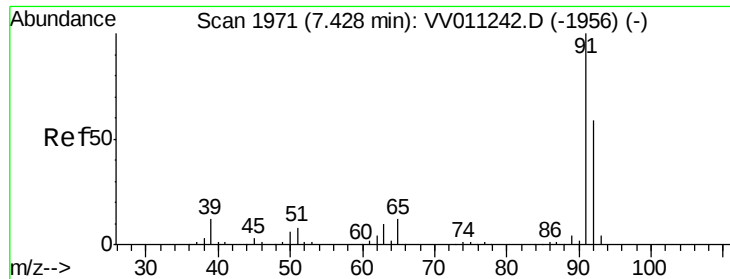
Tgt Ion: 75 Resp: 1946

Ion Ratio Lower Upper

75 100

77 49.0 22.2 41.2#





#42

Toluene

Concen: 0.110 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011249.D

Acq: 06 Jun 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

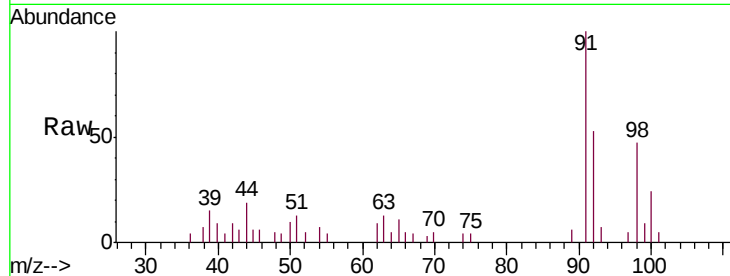
F9P73

Tgt Ion: 91 Resp: 5696

Ion Ratio Lower Upper

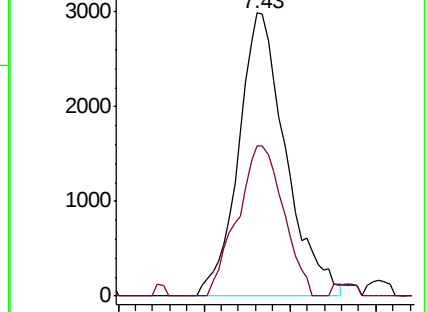
91 100

92 53.0 39.9 74.1

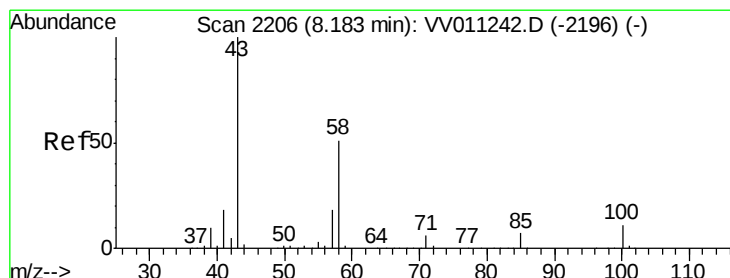
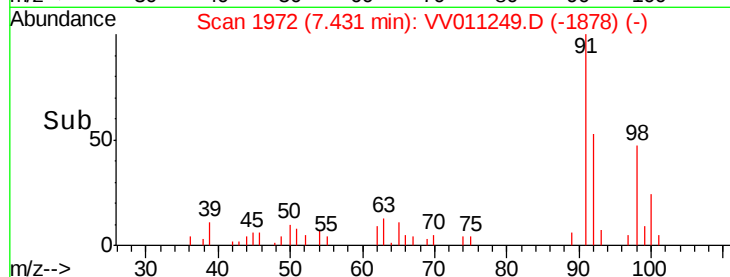


Abundance Ion 91.15 (90.85 to 91.85): VV011249.D (-2113) (-)

Ion 92.15 (91.85 to 92.85): VV011249.D (-2113) (-)



Time-->



#48

2-Hexanone

Concen: 2.592 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011249.D

Acq: 06 Jun 2019 17:07

Tgt Ion: 43 Resp: 13894

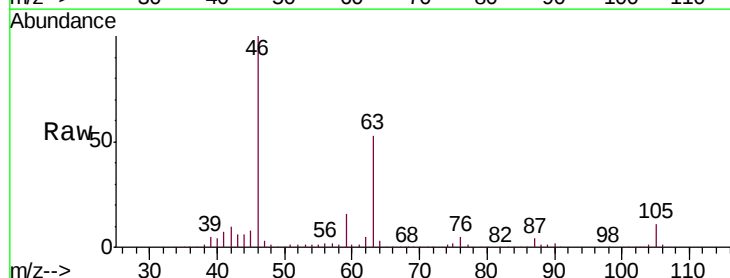
Ion Ratio Lower Upper

43 100

58 24.1 41.4 62.0#

57 25.2 15.0 22.4#

100 0.3 9.0 13.4#

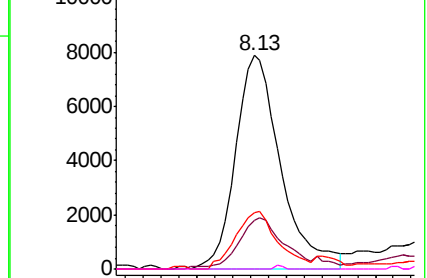


Abundance Ion 43.05 (42.75 to 43.75): VV011249.D (-2113) (-)

Ion 58.05 (57.75 to 58.75): VV011249.D (-2113) (-)

Ion 57.20 (56.90 to 57.90): VV011249.D (-2113) (-)

Ion 100.15 (99.85 to 100.85): VV011249.D (-2113) (-)



Time-->

