

Data File : VV011307.D
Acq On : 08 Jun 2019 01:34
Operator : SY/MD
Sample : K3229-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P74

Quant Time: Jun 08 02:12:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 02:09:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159141	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44632	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.56	69	40615	4.05	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.12	63	73311	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.95	46	144665	53.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	4.40	84	93850	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	56258	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	186872	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	58826	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	159944	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	16540	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	8.14	63	108655	50.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41648	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	50385	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

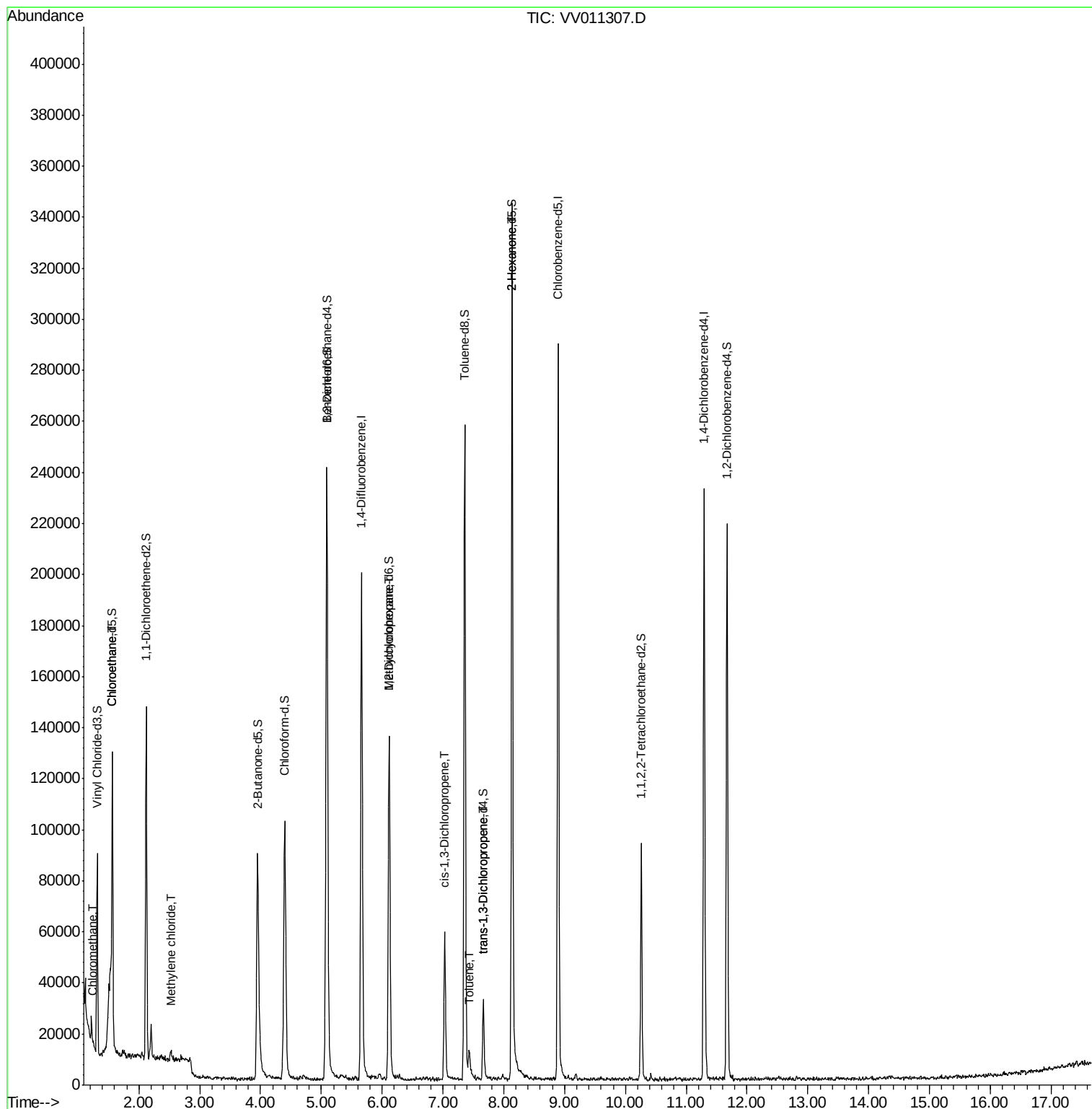
					Qvalue
3) Chloromethane	1.25	50	1302	0.086 ug/L	91
8) Chloroethane	1.56	64	902	0.096 ug/L	90
16) Methylene chloride	2.53	84	1857	0.180 ug/L	97
35) Methylcyclohexane	6.11	83	14674	0.749 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1720	0.103 ug/L #	79
42) Toluene	7.43	91	6621	0.136 ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1084	0.085 ug/L	92
48) 2-Hexanone	8.14	43	14544	2.871 ug/L #	72

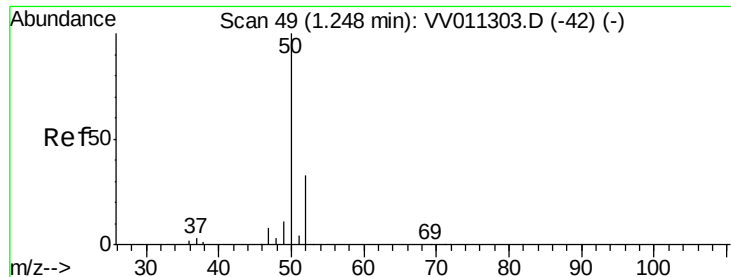
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011307.D

Acq: 08 Jun 2019 01:34

Instrument :

MSVOA_V

ClientSampled :

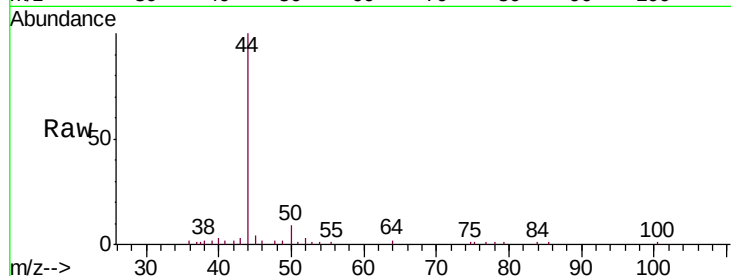
F9P74

Tgt Ion: 50 Resp: 1302

Ion Ratio Lower Upper

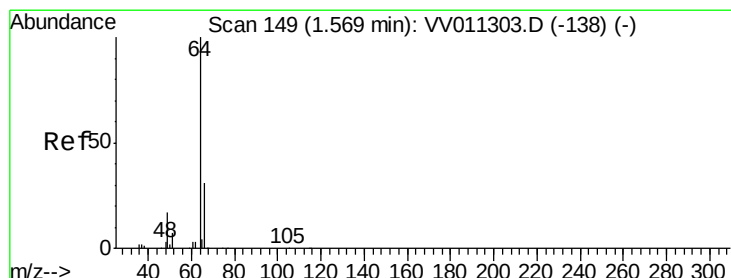
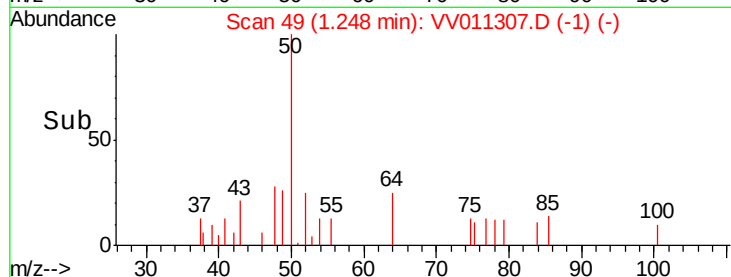
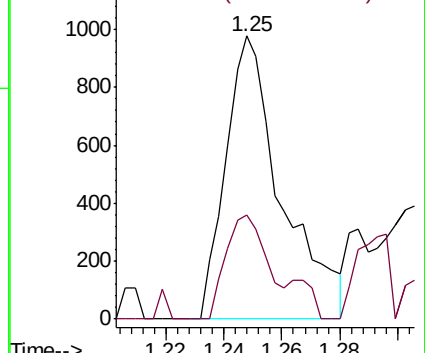
50 100

52 36.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.56 min Scan# 146

Delta R.T. -0.01 min

Lab File: VV011307.D

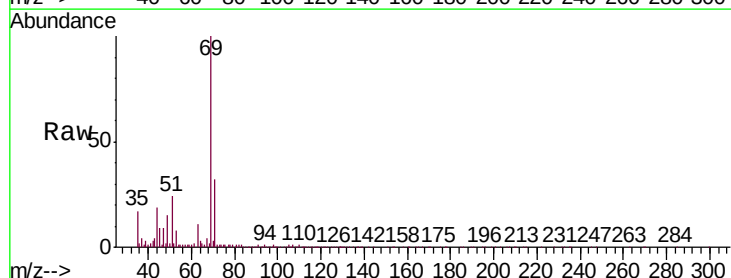
Acq: 08 Jun 2019 01:34

Tgt Ion: 64 Resp: 902

Ion Ratio Lower Upper

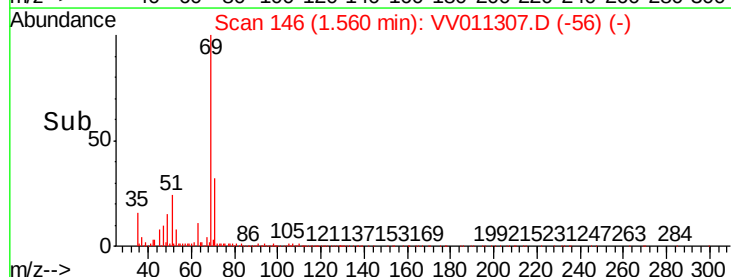
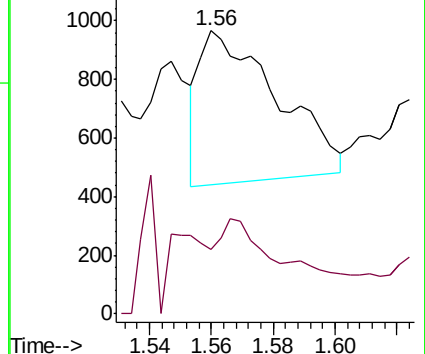
64 100

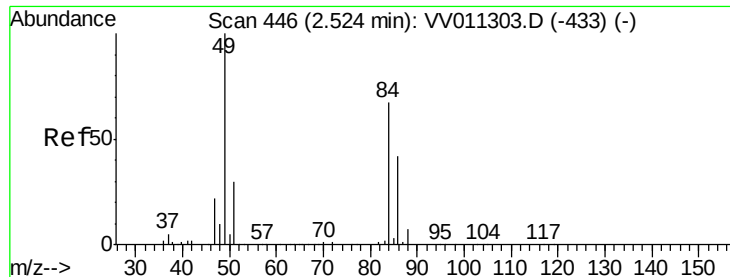
66 22.7 19.4 36.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

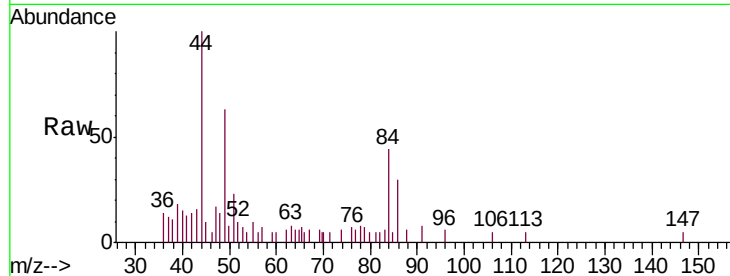




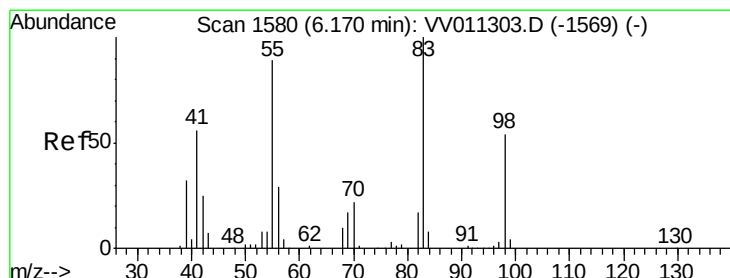
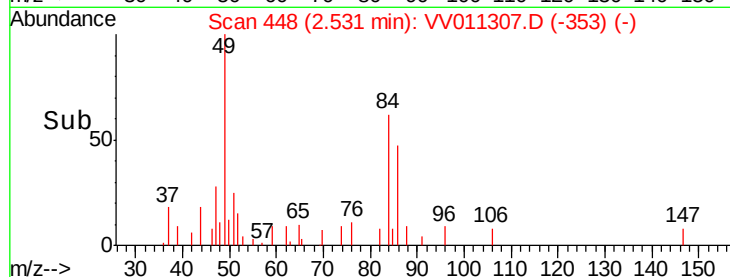
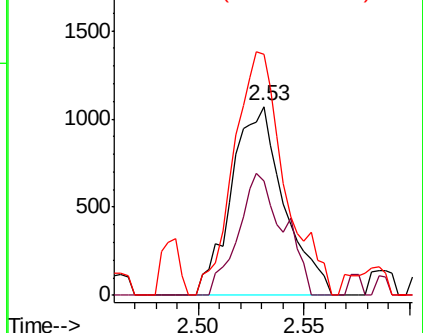
#16
Methylene chloride
Concen: 0.180 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV011307.D
Acq: 08 Jun 2019 01:34

Instrument :
MSVOA_V
ClientSampled :
F9P74

Tgt Ion: 84 Resp: 1857
Ion Ratio Lower Upper
84 100
86 60.4 44.9 83.3
49 143.2 102.1 189.5

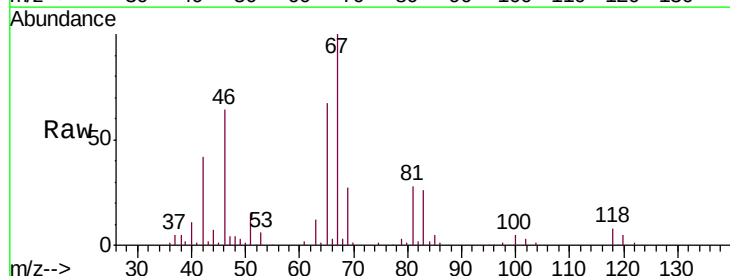


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

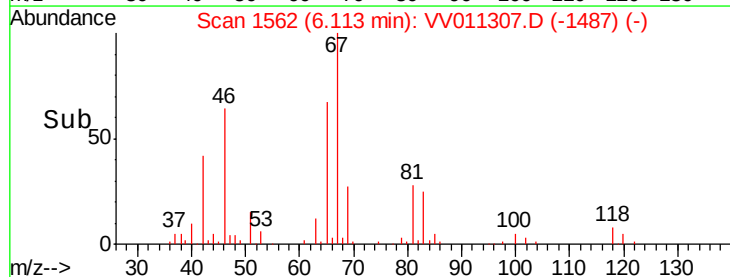
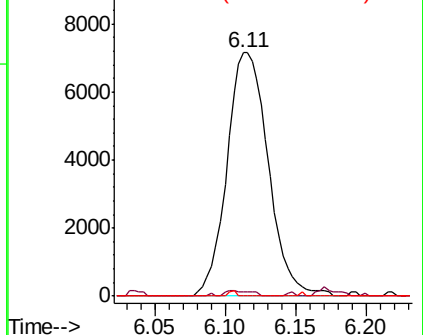


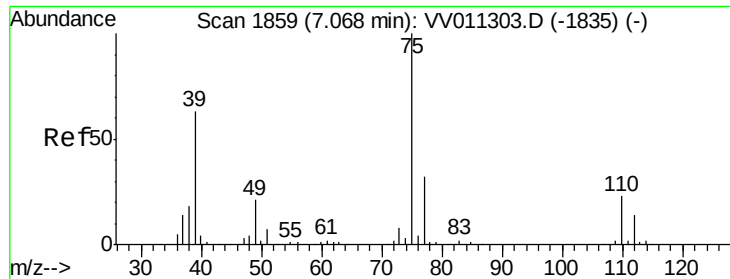
#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011307.D
Acq: 08 Jun 2019 01:34

Tgt Ion: 83 Resp: 14674
Ion Ratio Lower Upper
83 100
55 0.7 67.0 100.6#
98 0.4 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

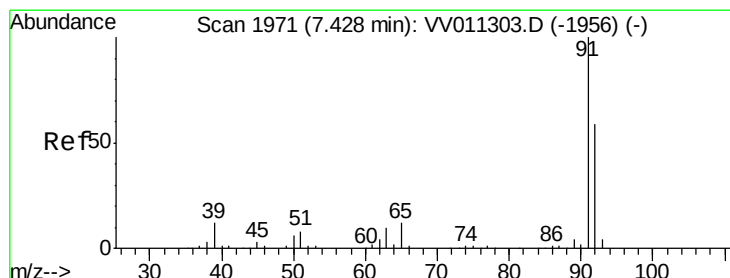
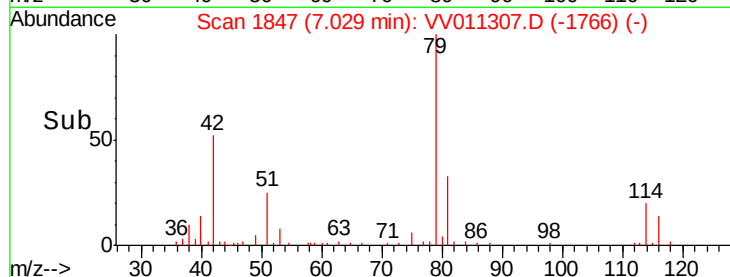
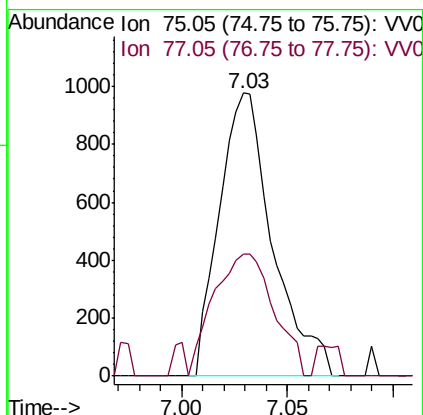
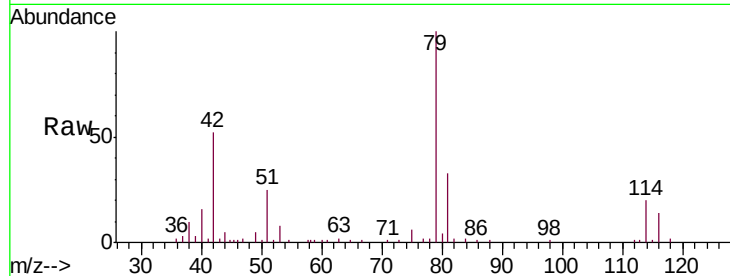




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011307.D
 Acq: 08 Jun 2019 01:34

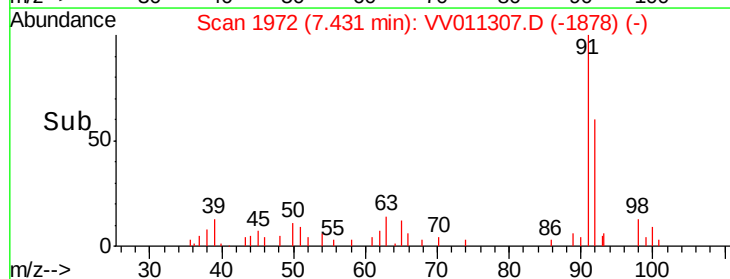
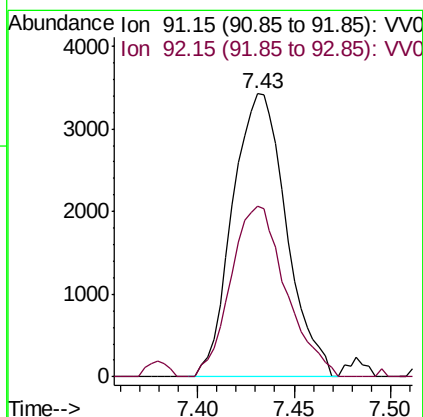
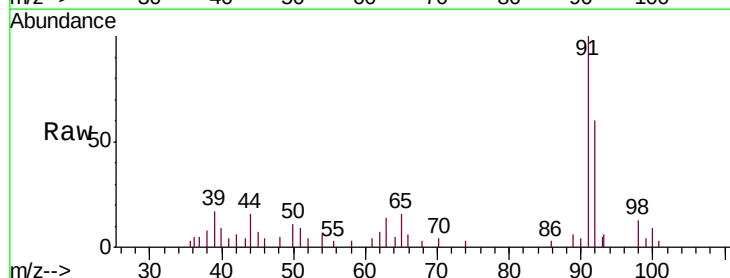
Instrument :
 MSVOA_V
 ClientSampled :
 F9P74

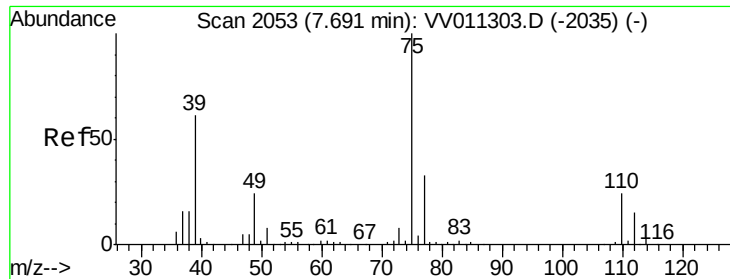
Tgt Ion: 75 Resp: 1720
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.2 41.2#



#42
 Toluene
 Concen: 0.136 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011307.D
 Acq: 08 Jun 2019 01:34

Tgt Ion: 91 Resp: 6621
 Ion Ratio Lower Upper
 91 100
 92 60.1 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011307.D

Acq: 08 Jun 2019 01:34

Instrument :

MSVOA_V

ClientSampled :

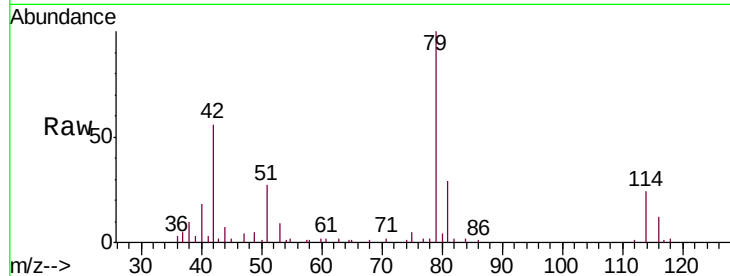
F9P74

Tgt Ion: 75 Resp: 1084

Ion Ratio Lower Upper

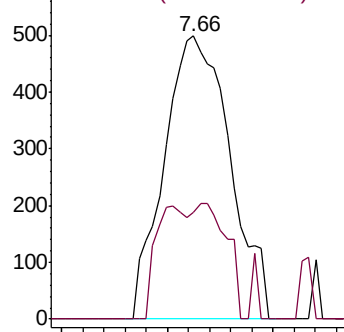
75 100

77 37.6 23.1 42.9

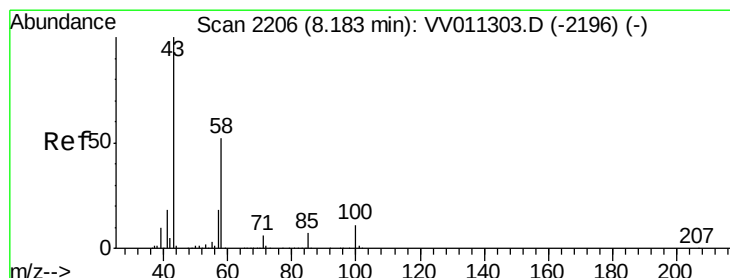
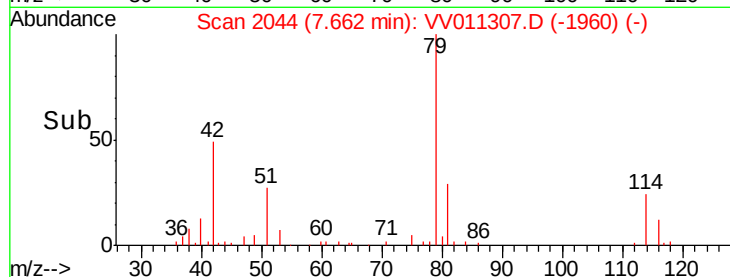


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



Time-->



#48

2-Hexanone

Concen: 2.871 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011307.D

Acq: 08 Jun 2019 01:34

Tgt Ion: 43 Resp: 14544

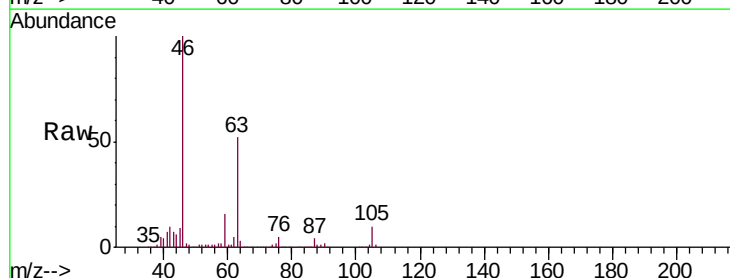
Ion Ratio Lower Upper

43 100

58 30.2 41.4 62.0#

57 26.9 15.0 22.4#

100 0.3 9.0 13.4#

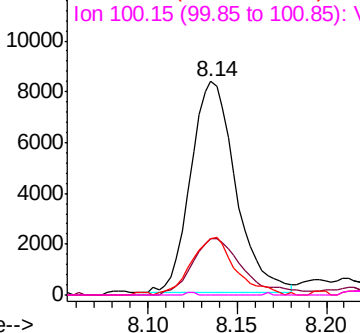


Abundance Ion 43.05 (42.75 to 43.75): VV0

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



Time-->

