

Data File : VV011371.D
Acq On : 11 Jun 2019 03:10
Operator : SY/MD
Sample : K3229-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P68

Quant Time: Jun 11 04:07:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	85577	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	81979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23477	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.54	69	20476	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.11	63	39077	3.02	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.95	46	115437	79.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.14%#
24) Chloroform-d	4.39	84	52037	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	34648	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.09	84	98996	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.11	67	33043	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	82962	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.66	79	9600	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.14	63	90833	74.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.32%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35412	6.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	137.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	31124	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

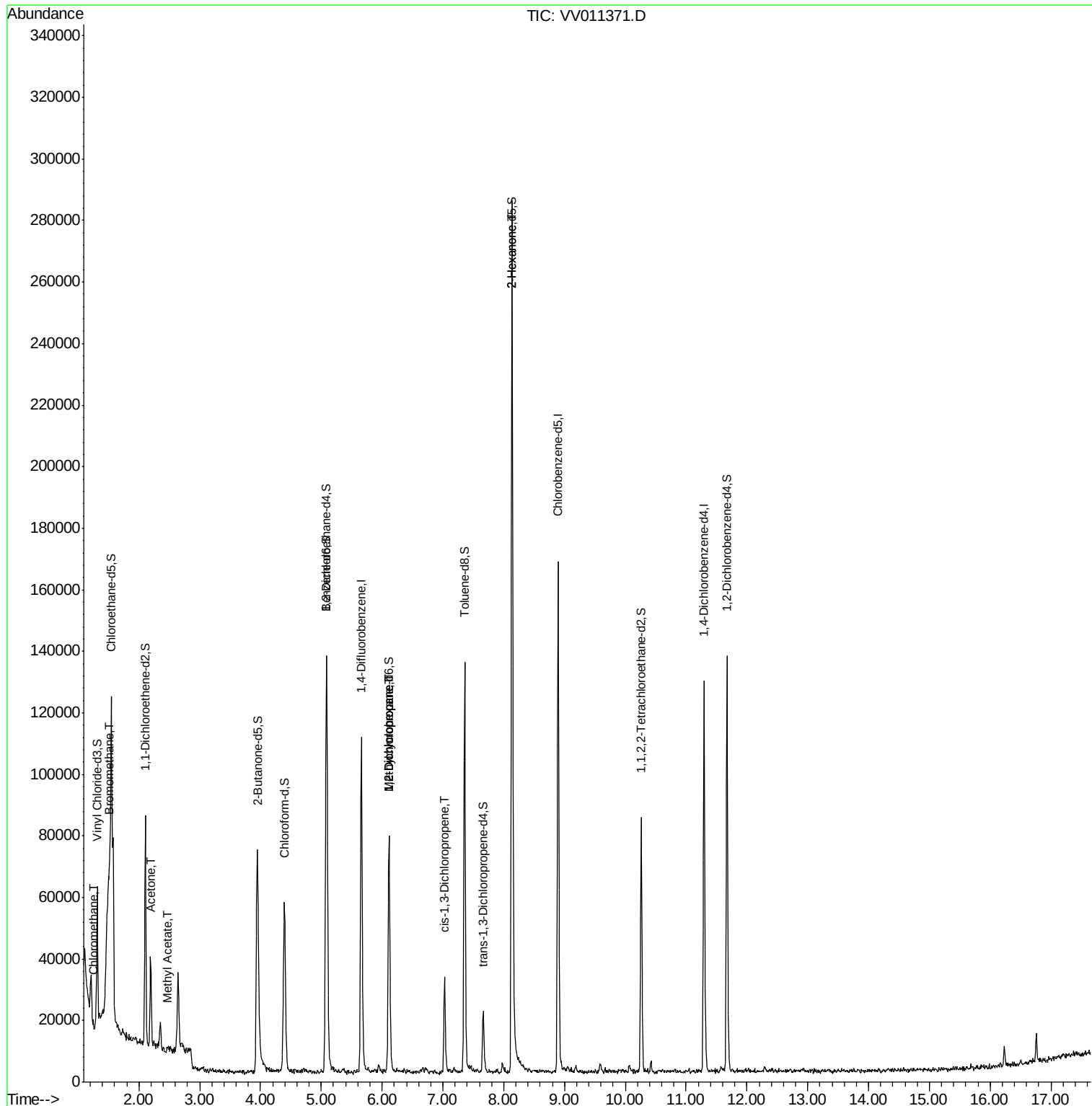
					Qvalue
3) Chloromethane	1.25	50	2525	0.309 ug/L	95
6) Bromomethane	1.51	94	1525	0.372 ug/L	88
13) Acetone	2.20	43	10063	10.281 ug/L	85
15) Methyl Acetate	2.46	43	1072	0.412 ug/L	92
35) Methylcyclohexane	6.11	83	8058	0.723 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	4217	0.650 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	939	0.099 ug/L #	61
48) 2-Hexanone	8.14	43	13034	4.520 ug/L #	72

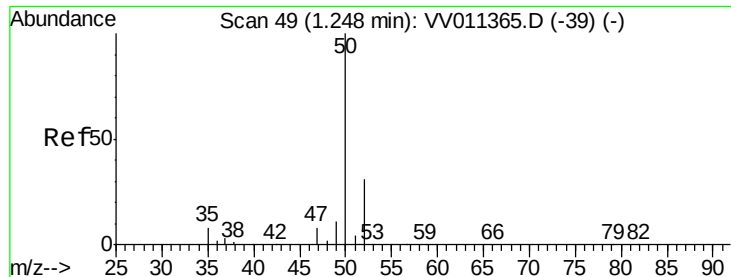
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.309 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

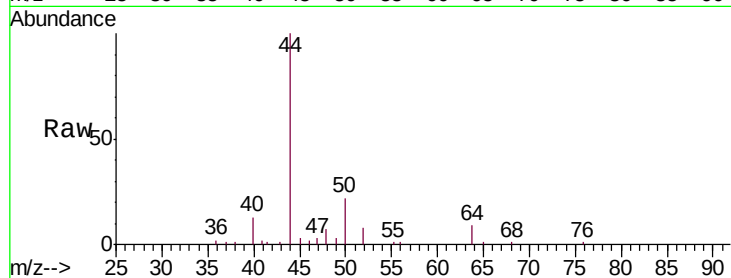
F9P68

Tgt Ion: 50 Resp: 2525

Ion Ratio Lower Upper

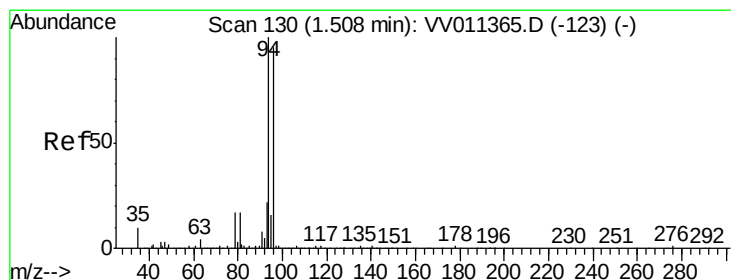
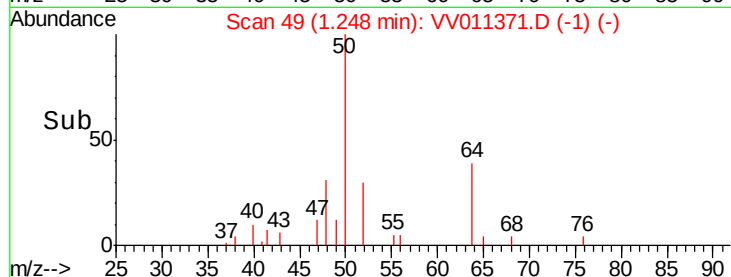
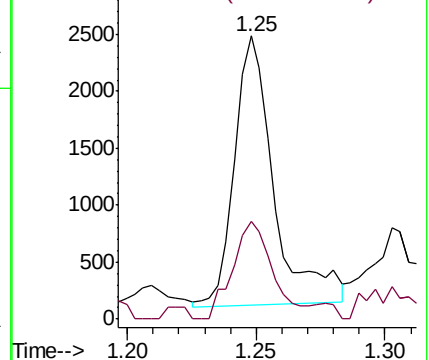
50 100

52 34.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.372 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

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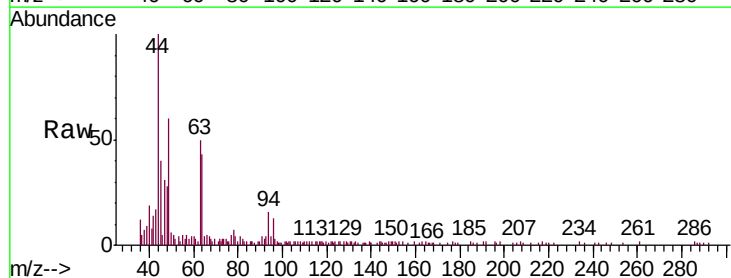
Acq: 11 Jun 2019 03:10

Tgt Ion: 94 Resp: 1525

Ion Ratio Lower Upper

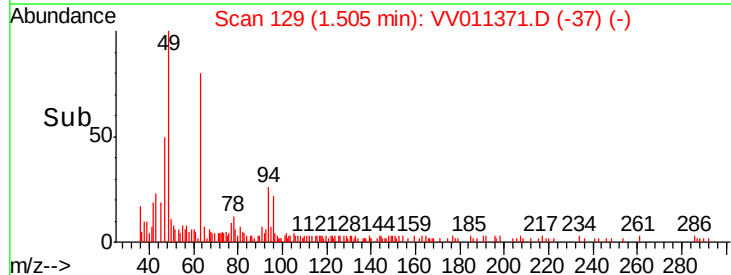
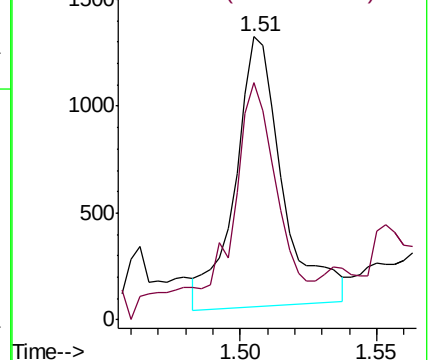
94 100

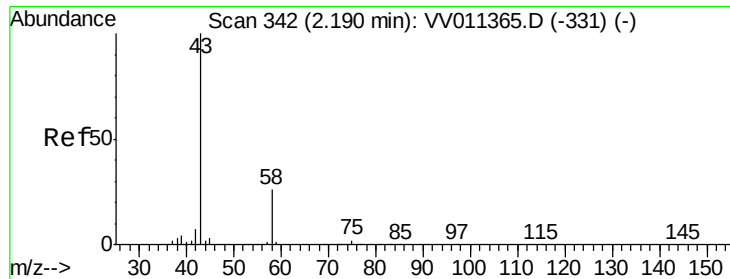
96 83.9 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#13

Acetone

Concen: 10.281 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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ClientSampleId :

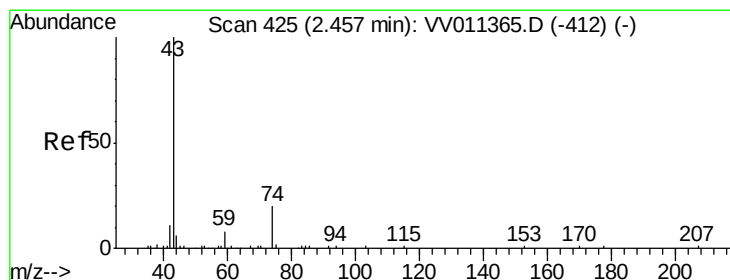
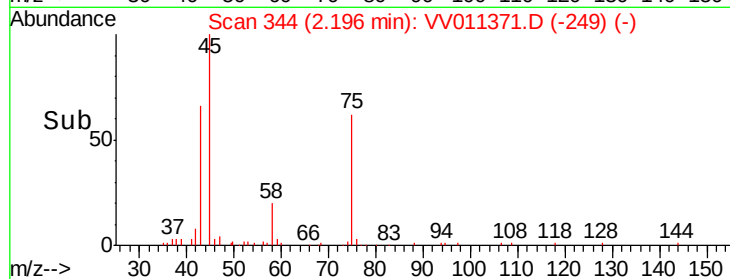
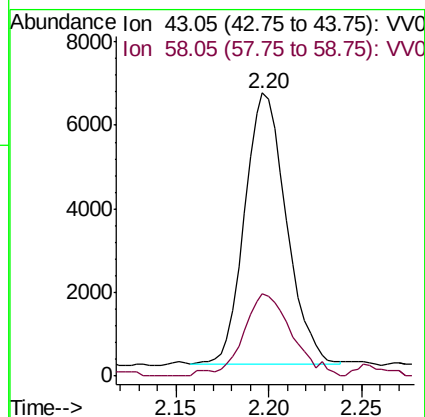
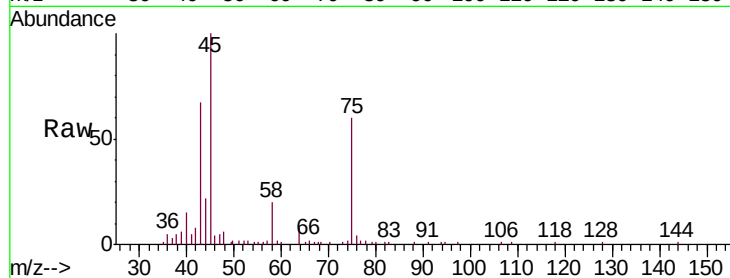
F9P68

Tgt Ion: 43 Resp: 10063

Ion Ratio Lower Upper

43 100

58 35.6 0.0 55.2



#15

Methyl Acetate

Concen: 0.412 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV011371.D

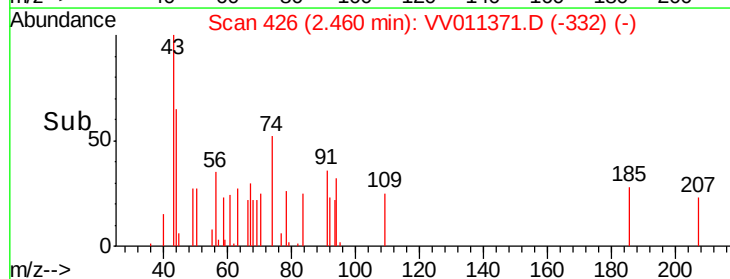
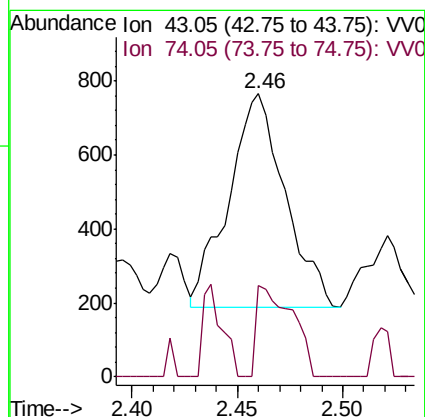
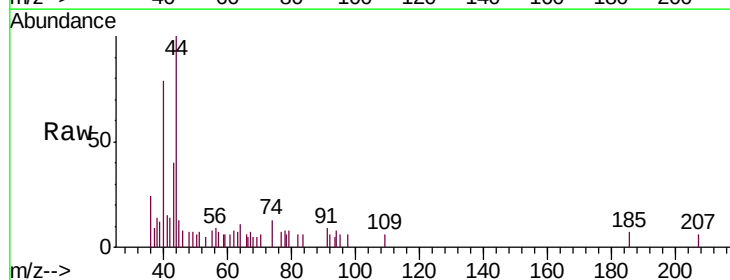
Acq: 11 Jun 2019 03:10

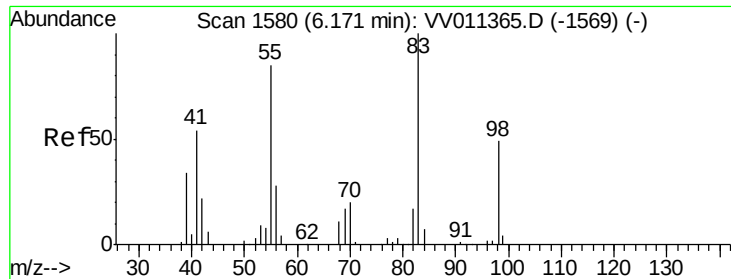
Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

74 26.9 18.5 27.7

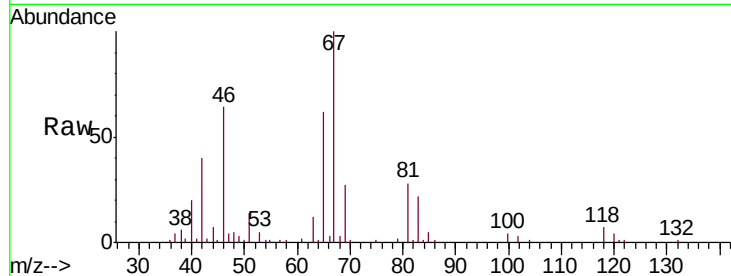




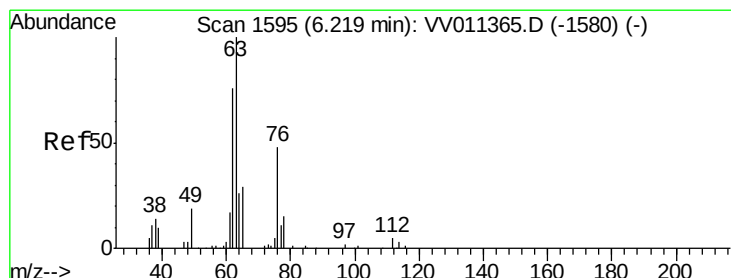
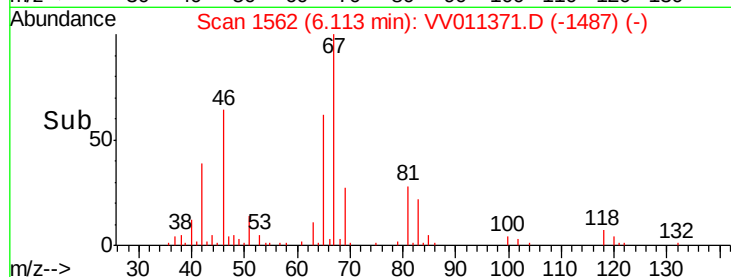
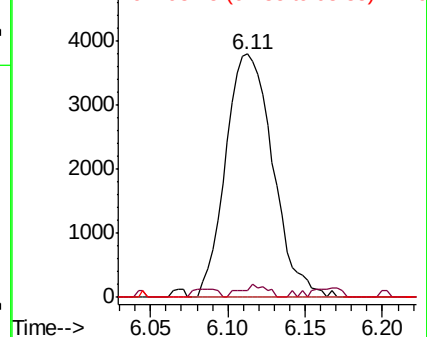
#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011371.D
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Instrument :
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ClientSampleId :
F9P68

Tgt Ion: 83 Resp: 8058
Ion Ratio Lower Upper
83 100
55 2.8 67.0 100.6#
98 0.0 40.0 60.0#

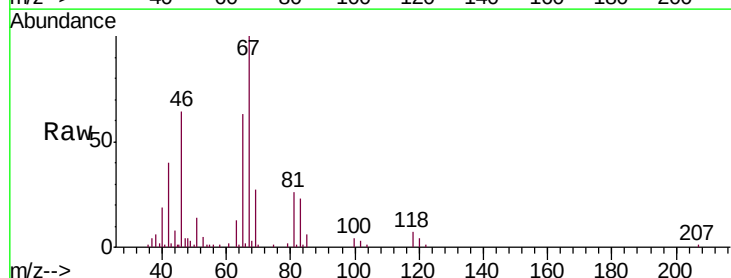


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

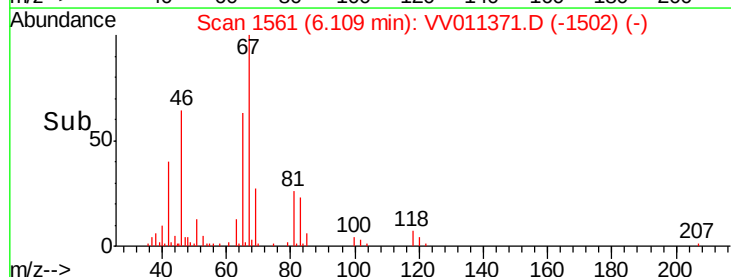
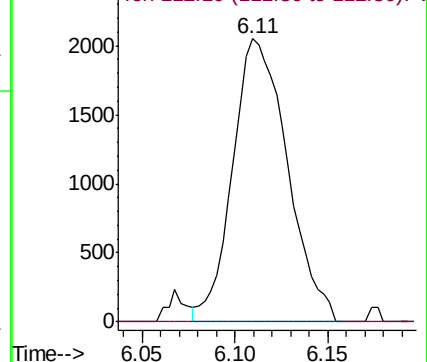


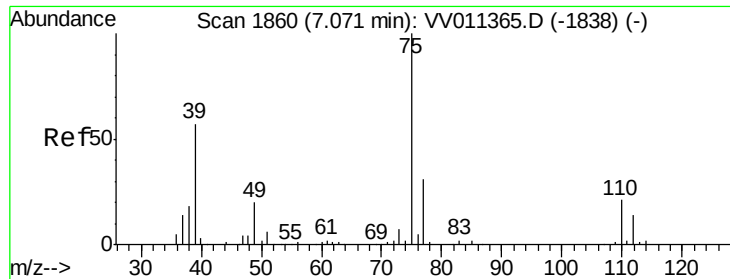
#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV011371.D
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Tgt Ion: 63 Resp: 4217
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

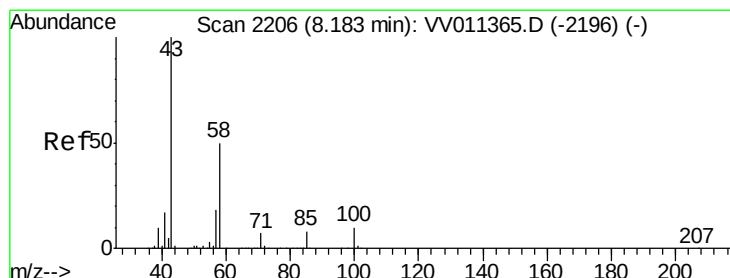
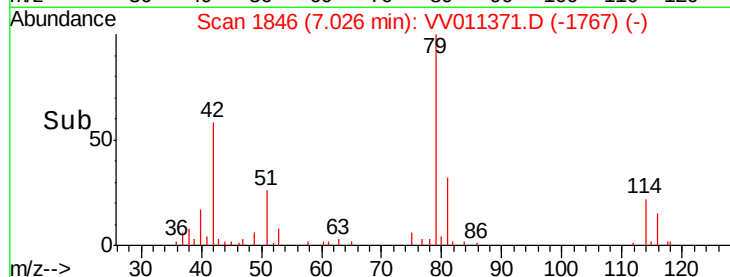
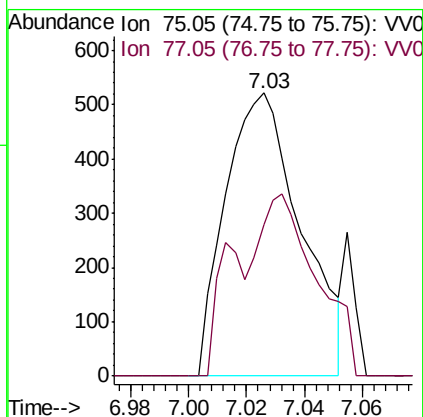
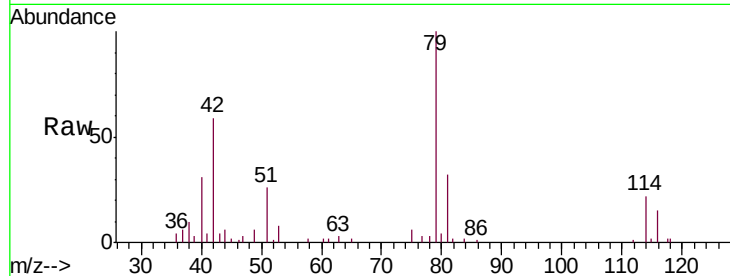




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011371.D
 Acq: 11 Jun 2019 03:10

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P68

Tgt Ion: 75 Resp: 939
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.2 41.2#



#48
 2-Hexanone
 Concen: 4.520 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011371.D
 Acq: 11 Jun 2019 03:10

Tgt Ion: 43 Resp: 13034
 Ion Ratio Lower Upper
 43 100
 58 29.0 41.4 62.0#
 57 25.3 15.0 22.4#
 100 0.5 9.0 13.4#

