

Data File : VV011376.D
Acq On : 11 Jun 2019 05:32
Operator : SY/MD
Sample : K3229-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P31

Quant Time: Jun 11 08:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37203	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.57	69	34939	4.00	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.12	63	63989	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.96	46	140508	59.37	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.74%
24) Chloroform-d	4.40	84	83580	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	50643	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	164142	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	52196	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	136064	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	14184	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.14	63	102174	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39526	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46080	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

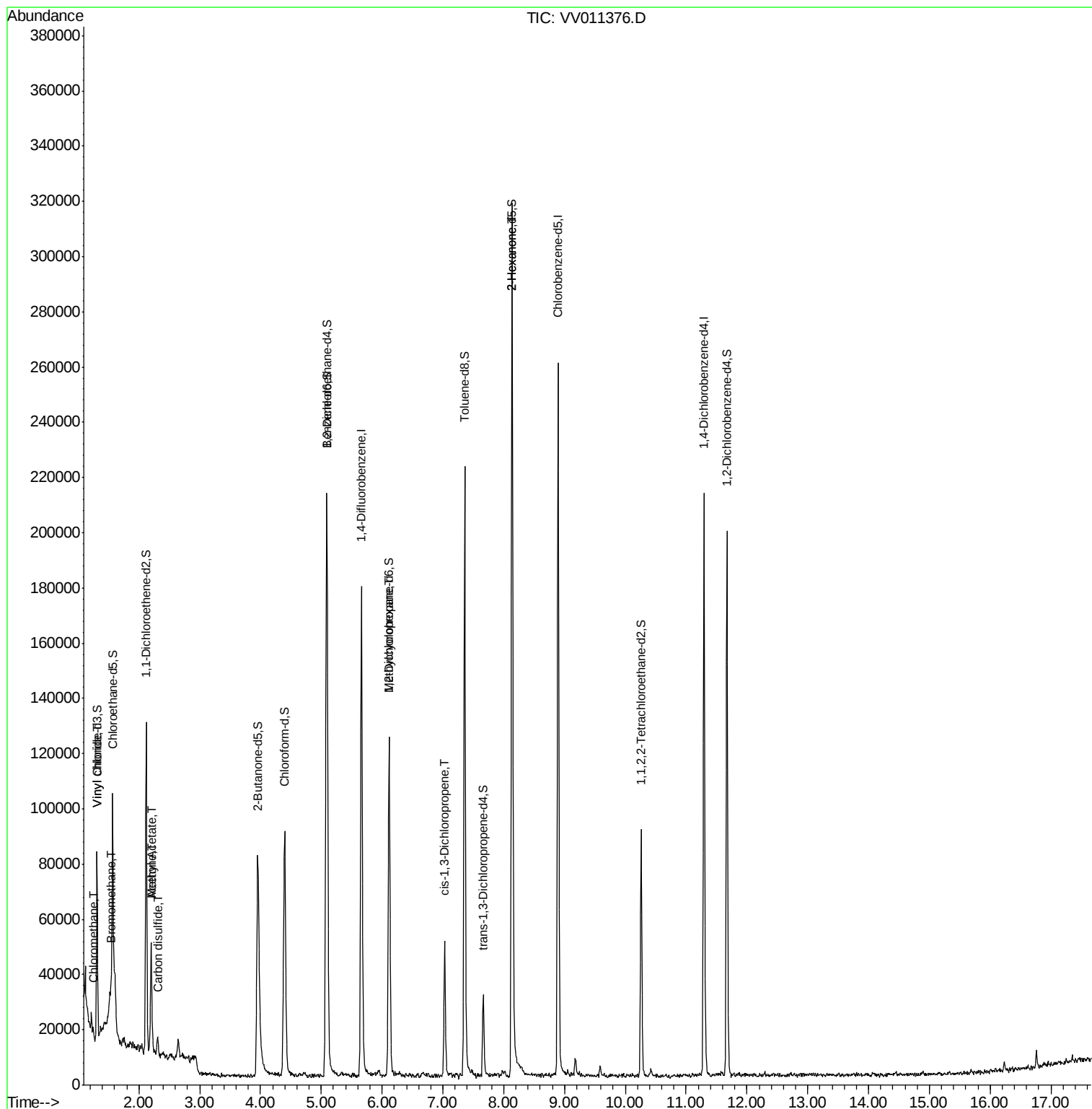
					Qvalue
3) Chloromethane	1.25	50	2364	0.179 ug/L	88
5) Vinyl chloride	1.32	62	1712	0.134 ug/L #	1
6) Bromomethane	1.53	94	1219	0.184 ug/L	71
13) Acetone	2.21	43	10211	6.435 ug/L	83
14) Carbon disulfide	2.31	76	7448	0.281 ug/L #	93
15) Methyl Acetate	2.21	43	10211	2.423 ug/L #	55
35) Methylcyclohexane	6.12	83	12439	0.715 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1470	0.099 ug/L #	57
48) 2-Hexanone	8.14	43	14944	3.321 ug/L #	75

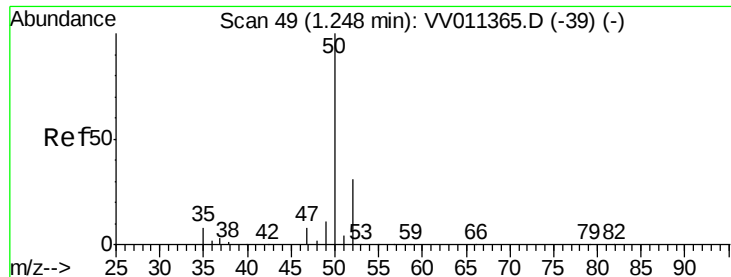
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.179 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011376.D

Acq: 11 Jun 2019 05:32

Instrument :

MSVOA_V

ClientSampleId :

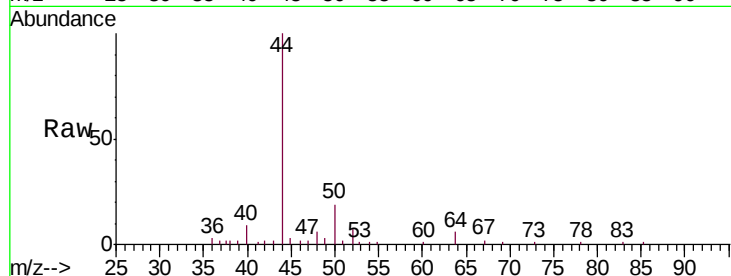
F9P31

Tgt Ion: 50 Resp: 2364

Ion Ratio Lower Upper

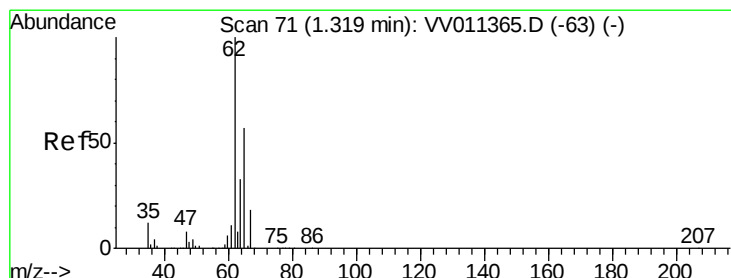
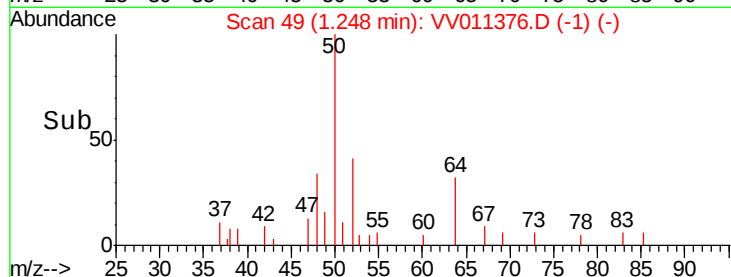
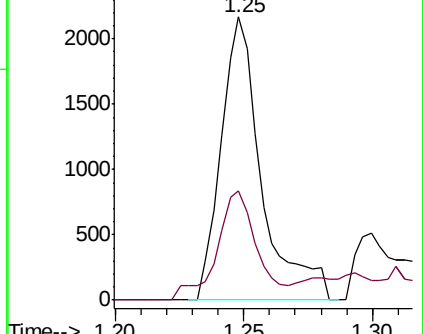
50 100

52 38.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.134 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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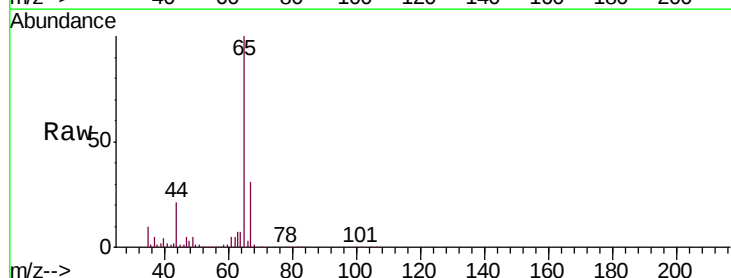
Acq: 11 Jun 2019 05:32

Tgt Ion: 62 Resp: 1712

Ion Ratio Lower Upper

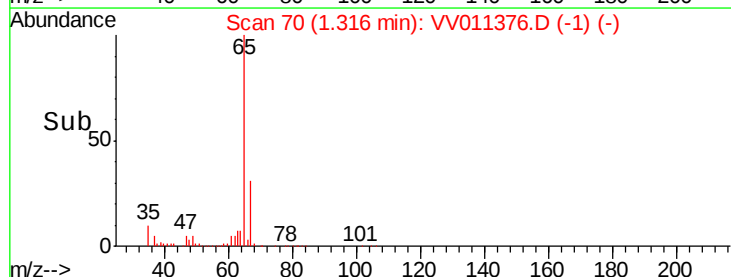
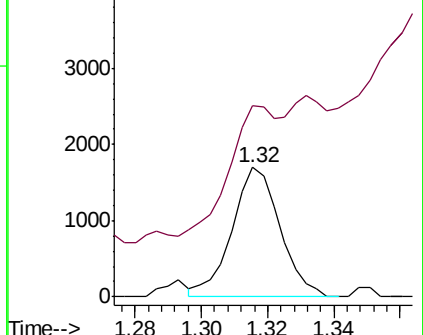
62 100

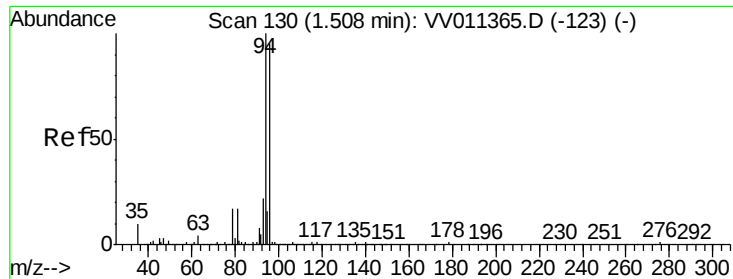
64 147.2 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.184 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.02 min

Lab File: VV011376.D

Acq: 11 Jun 2019 05:32

Instrument :

MSVOA_V

ClientSampleId :

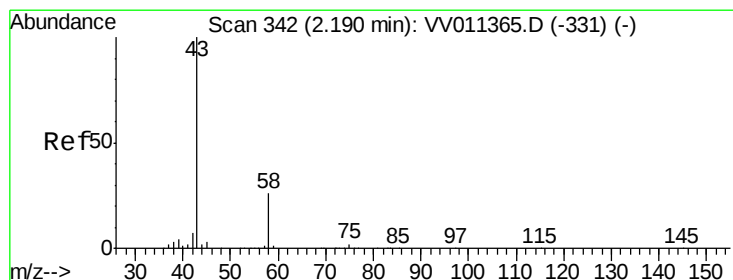
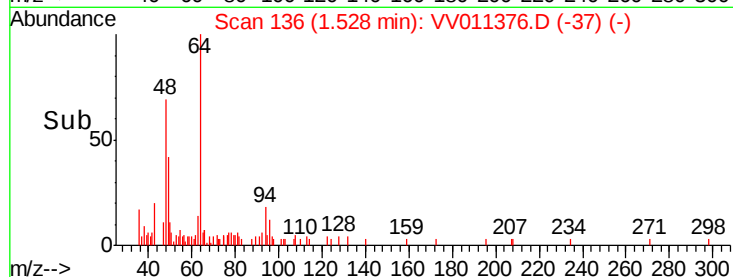
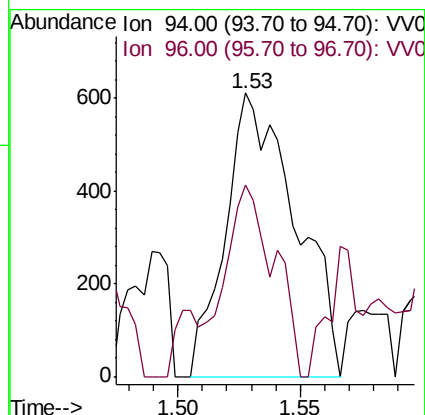
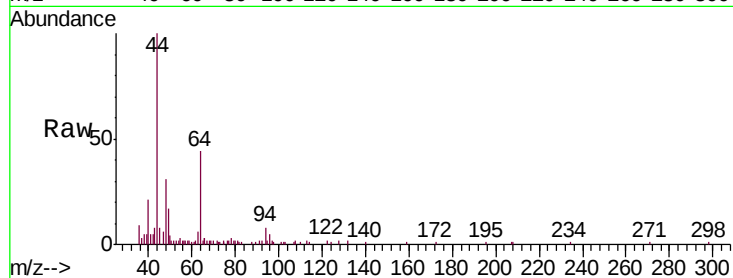
F9P31

Tgt Ion: 94 Resp: 1219

Ion Ratio Lower Upper

94 100

96 67.4 67.0 124.4



#13

Acetone

Concen: 6.435 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.02 min

Lab File: VV011376.D

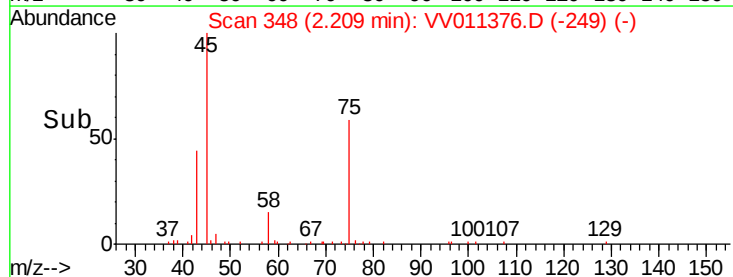
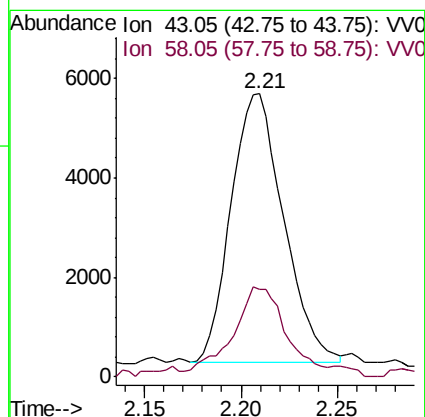
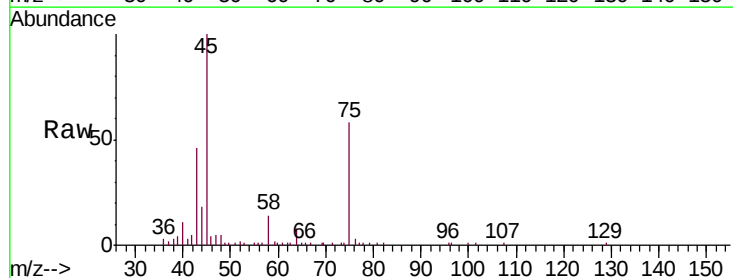
Acq: 11 Jun 2019 05:32

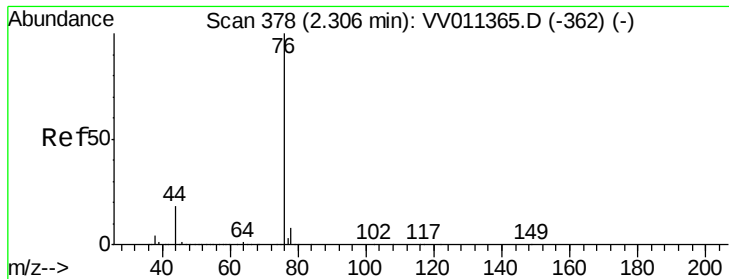
Tgt Ion: 43 Resp: 10211

Ion Ratio Lower Upper

43 100

58 36.3 0.0 55.2





#14

Carbon disulfide

Concen: 0.281 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011376.D

Acq: 11 Jun 2019 05:32

Instrument :

MSVOA_V

ClientSampleId :

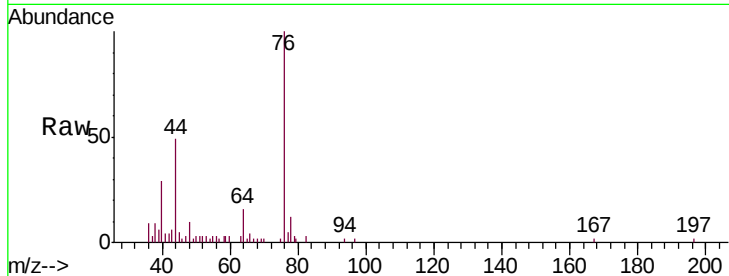
F9P31

Tgt Ion: 76 Resp: 7448

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

6000

5000

4000

3000

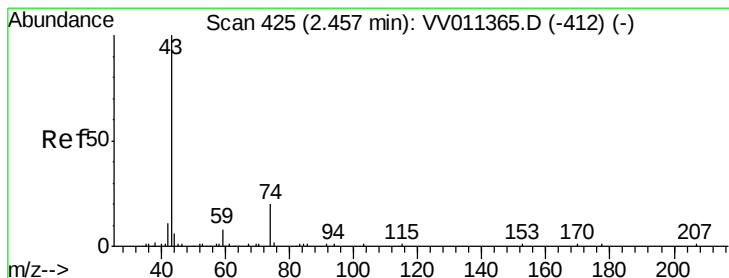
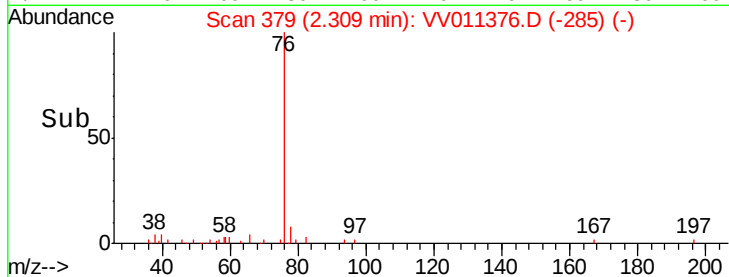
2000

1000

0

Time--> 2.25 2.30 2.35

2.31



#15

Methyl Acetate

Concen: 2.423 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.25 min

Lab File: VV011376.D

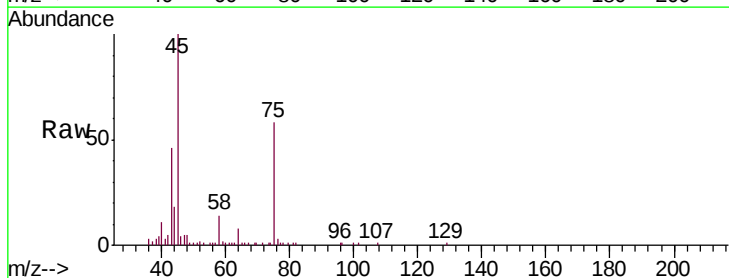
Acq: 11 Jun 2019 05:32

Tgt Ion: 43 Resp: 10211

Ion Ratio Lower Upper

43 100

74 1.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

6000

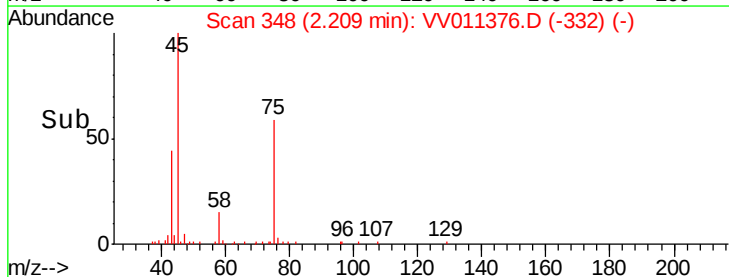
4000

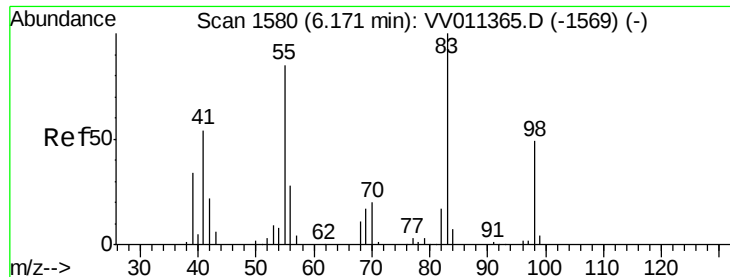
2000

0

Time--> 2.15 2.20 2.25

2.21

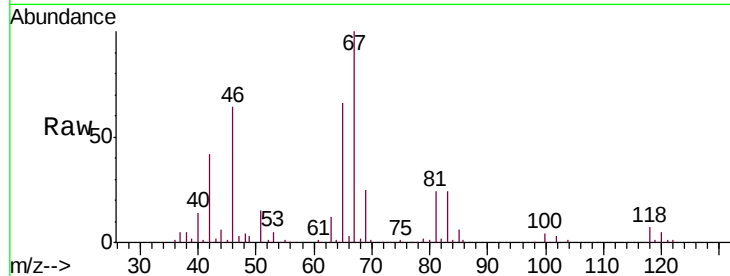




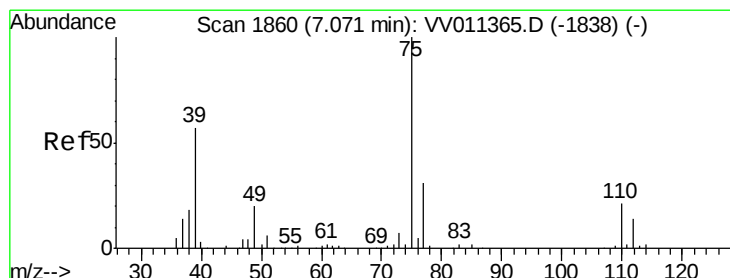
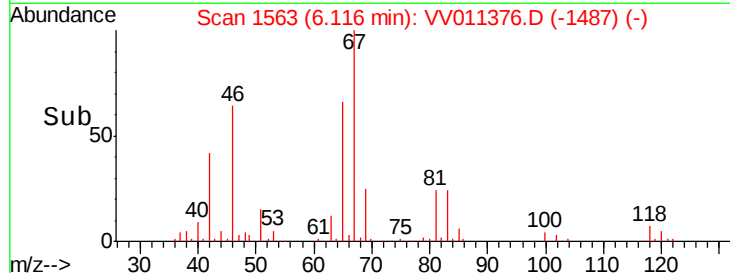
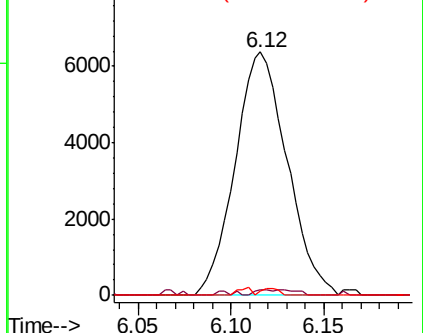
#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011376.D
Acq: 11 Jun 2019 05:32

Instrument :
MSVOA_V
ClientSampleId :
F9P31

Tgt Ion: 83 Resp: 12439
Ion Ratio Lower Upper
83 100
55 0.8 67.0 100.6#
98 0.9 40.0 60.0#

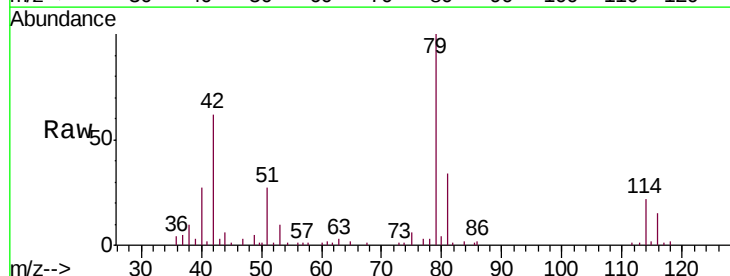


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

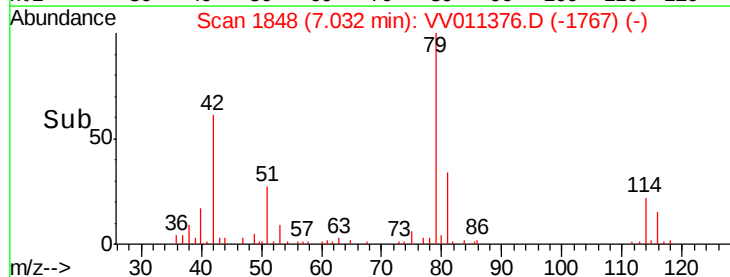
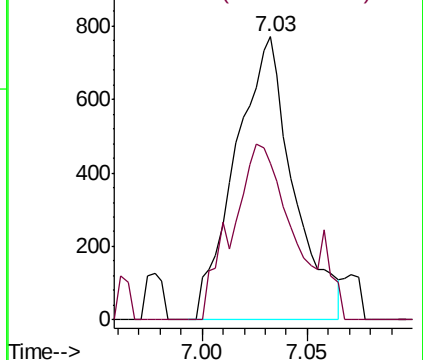


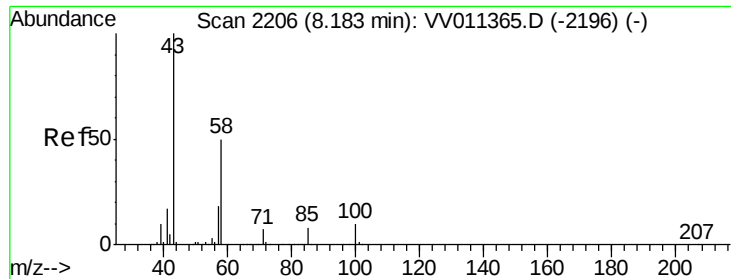
#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011376.D
Acq: 11 Jun 2019 05:32

Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
77 55.5 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 3.321 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011376.D

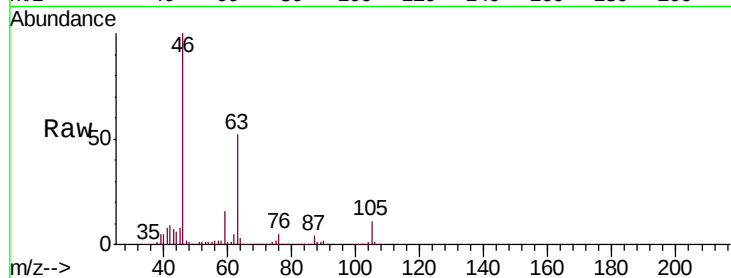
Acq: 11 Jun 2019 05:32

Instrument :

MSVOA_V

ClientSampleId :

F9P31



Tgt Ion: 43 Resp: 14944

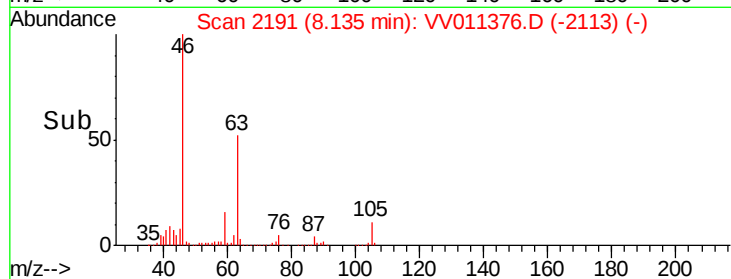
Ion Ratio Lower Upper

43 100

58 32.3 41.4 62.0#

57 25.2 15.0 22.4#

100 0.7 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

