

Data File : VV011714.D
Acq On : 22 Jun 2019 04:39
Operator : SY/MD
Sample : K3479-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP06

Quant Time: Jun 24 05:49:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156500	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42363	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	36192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	66698	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	162537	59.40	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	4.40	84	92676	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	57450	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.09	84	189406	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	61301	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	160130	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	17052	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	122786	58.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46412	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	58444	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

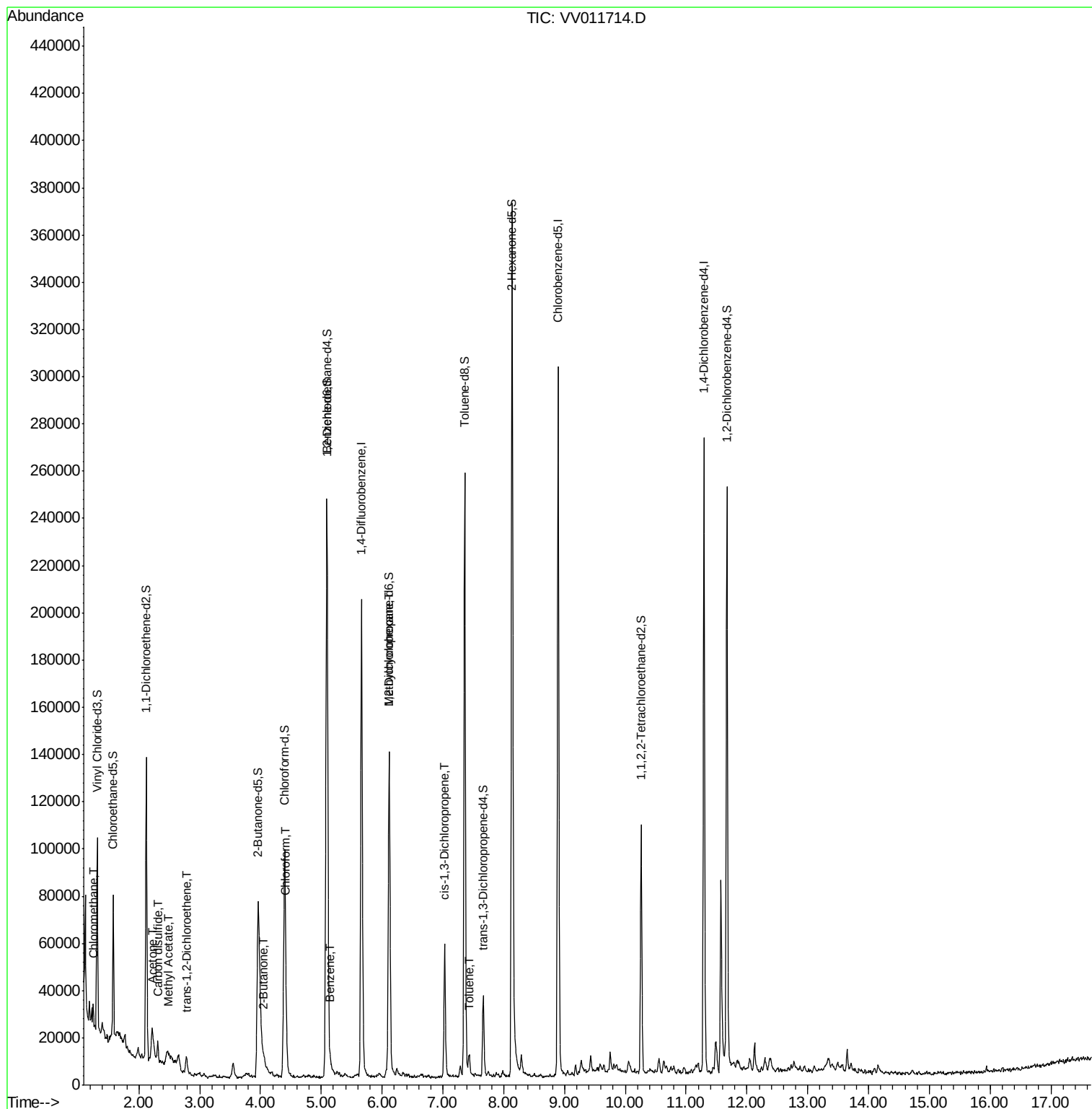
					Qvalue
3) Chloromethane	1.25	50	6244	0.423 ug/L	99
13) Acetone	2.22	43	28641	14.491 ug/L	73
14) Carbon disulfide	2.31	76	9833	0.377 ug/L #	92
15) Methyl Acetate	2.47	43	1436	0.292 ug/L #	58
18) trans-1,2-Dichloroethene	2.78	96	1708	0.150 ug/L	97
21) 2-Butanone	4.06	43	7576	2.379 ug/L	98
25) Chloroform	4.42	83	5771	0.232 ug/L	98
33) Benzene	5.14	78	3958	0.081 ug/L	100
35) Methylcyclohexane	6.12	83	14362	0.683 ug/L #	15
39) cis-1,3-Dichloropropene	7.03	75	1648	0.101 ug/L #	67
42) Toluene	7.43	91	5521	0.108 ug/L	95

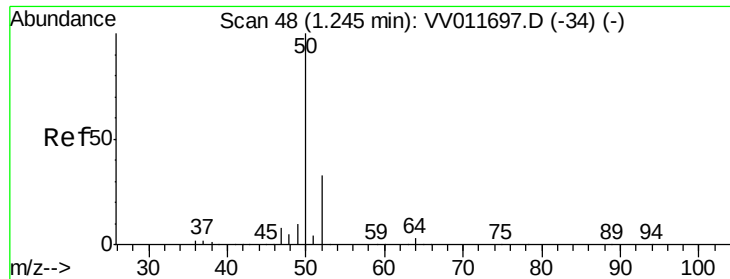
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.423 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampled :

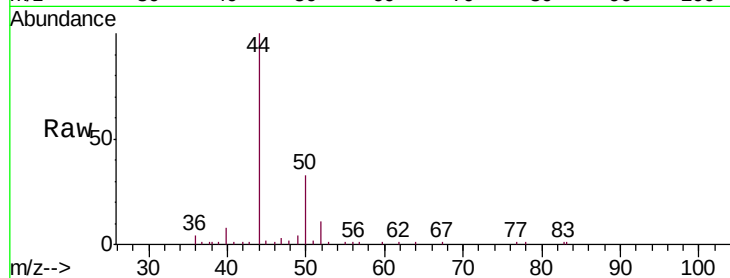
YAP06

Tgt Ion: 50 Resp: 6244

Ion Ratio Lower Upper

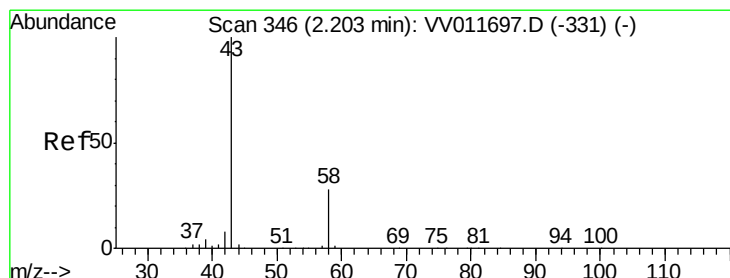
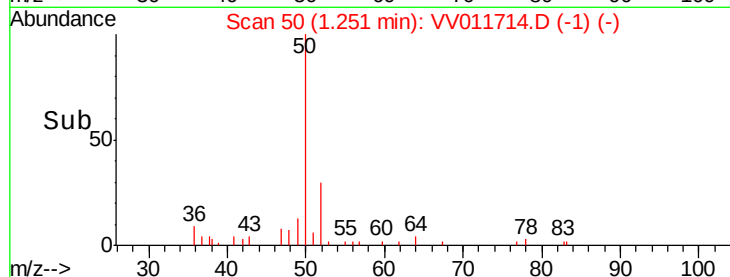
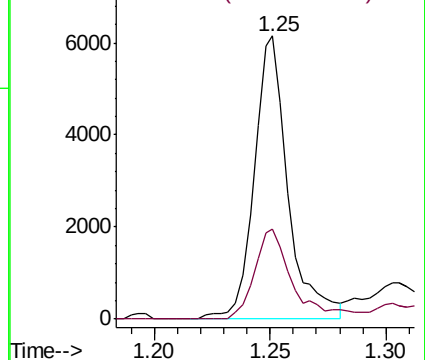
50 100

52 32.0 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 14.491 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

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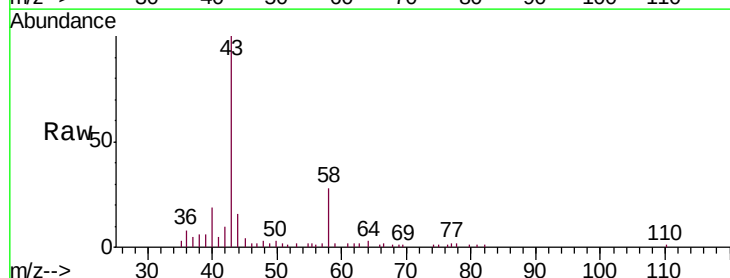
Acq: 22 Jun 2019 04:39

Tgt Ion: 43 Resp: 28641

Ion Ratio Lower Upper

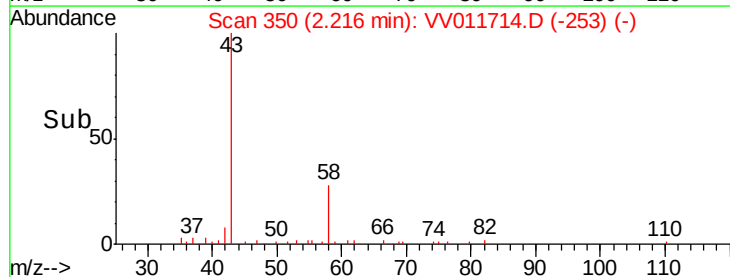
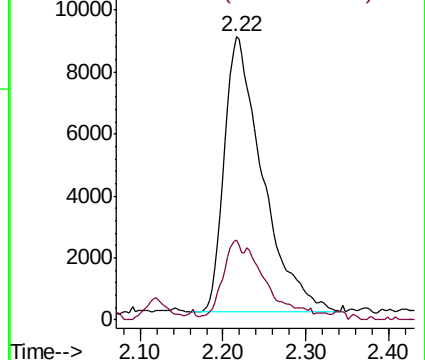
43 100

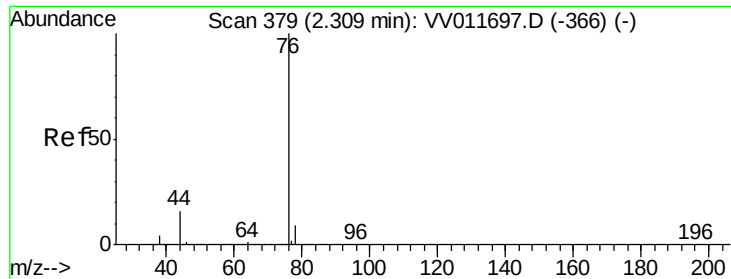
58 14.1 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.377 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampleId :

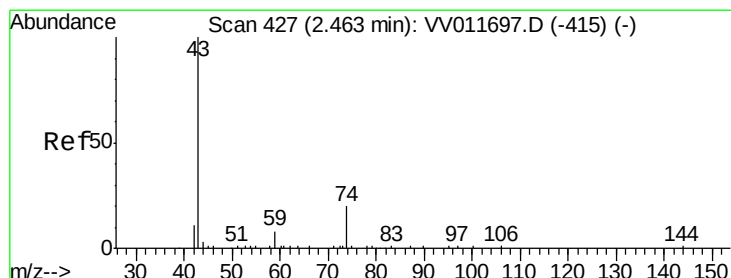
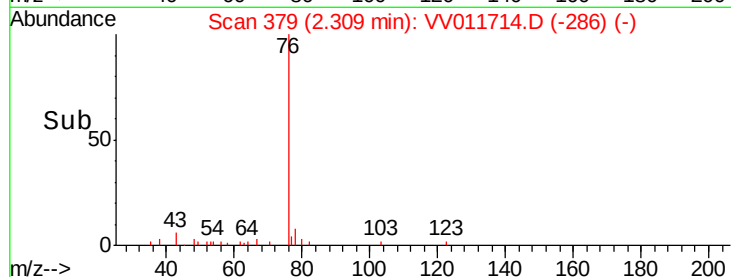
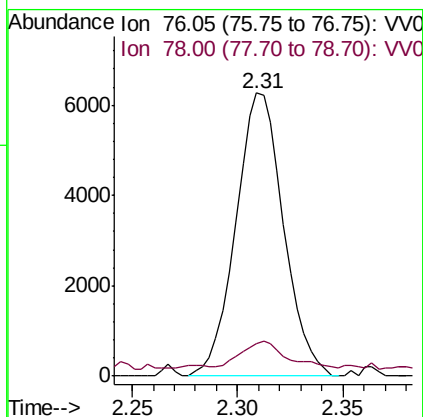
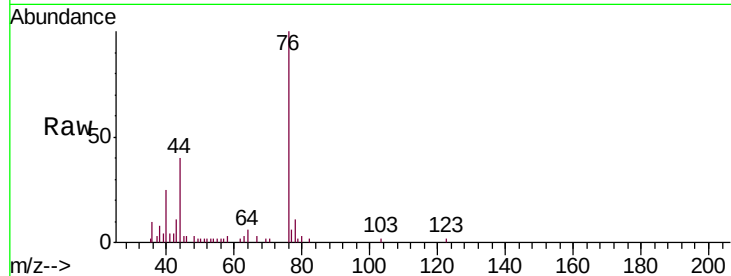
YAP06

Tgt Ion: 76 Resp: 9833

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.4#



#15

Methyl Acetate

Concen: 0.292 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV011714.D

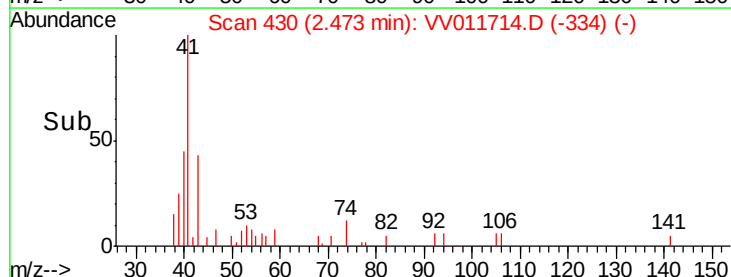
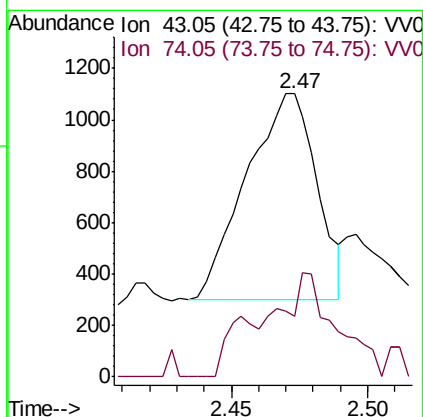
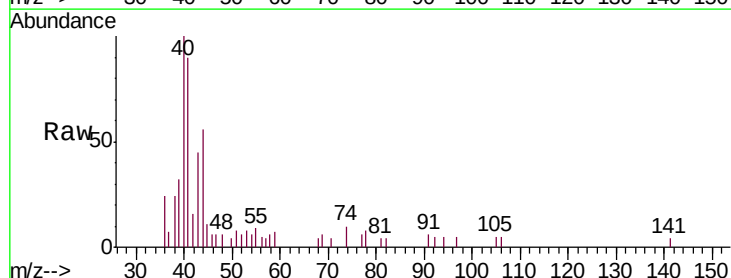
Acq: 22 Jun 2019 04:39

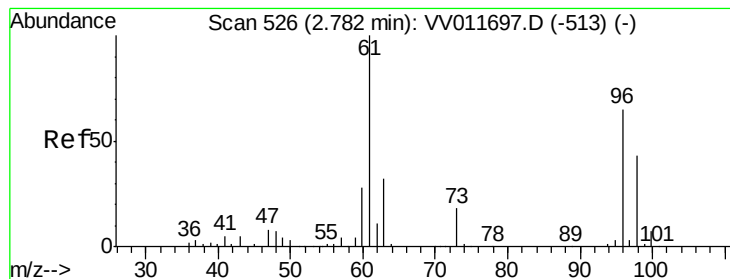
Tgt Ion: 43 Resp: 1436

Ion Ratio Lower Upper

43 100

74 39.8 16.2 24.2#





#18

trans-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampleId :

YAP06

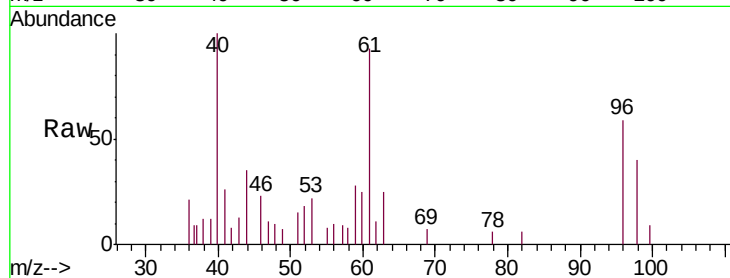
Tgt Ion: 96 Resp: 1708

Ion Ratio Lower Upper

96 100

61 157.9 109.3 203.1

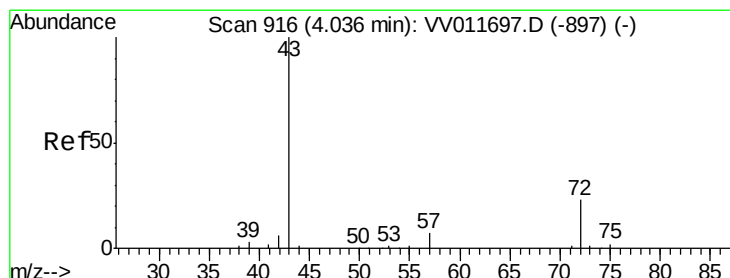
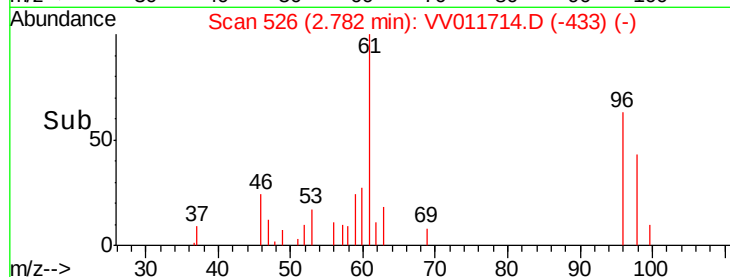
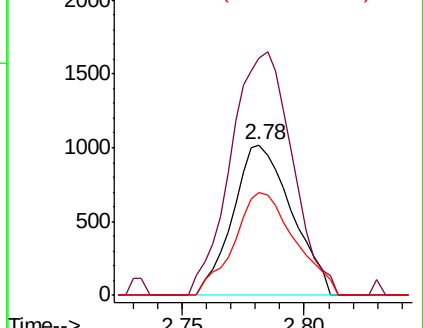
98 67.9 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV011714.D (-433) (-)

Ion 61.05 (60.75 to 61.75): VV011714.D (-433) (-)

Ion 97.95 (97.65 to 98.65): VV011714.D (-433) (-)



#21

2-Butanone

Concen: 2.379 ug/L

RT: 4.06 min Scan# 924

Delta R.T. 0.03 min

Lab File: VV011714.D

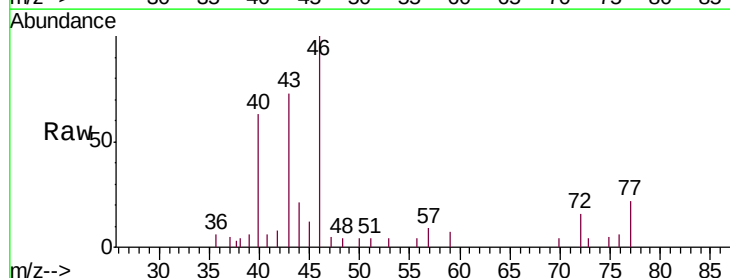
Acq: 22 Jun 2019 04:39

Tgt Ion: 43 Resp: 7576

Ion Ratio Lower Upper

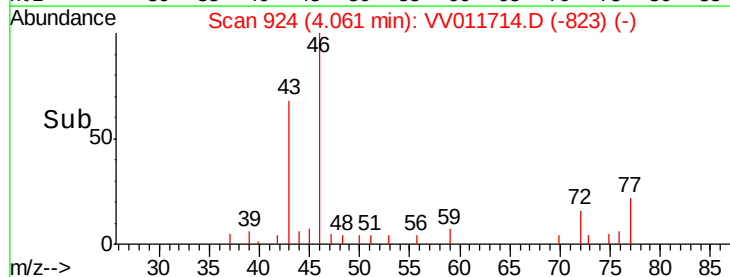
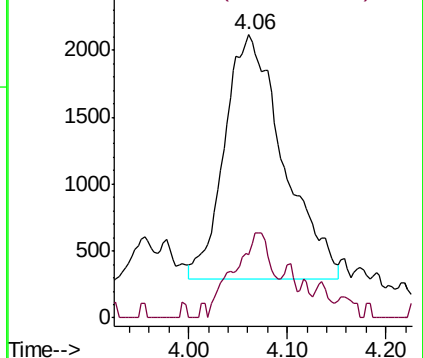
43 100

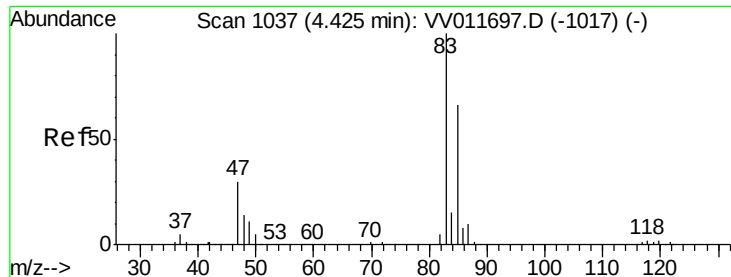
72 22.9 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV011714.D (-823) (-)

Ion 72.10 (71.80 to 72.80): VV011714.D (-823) (-)

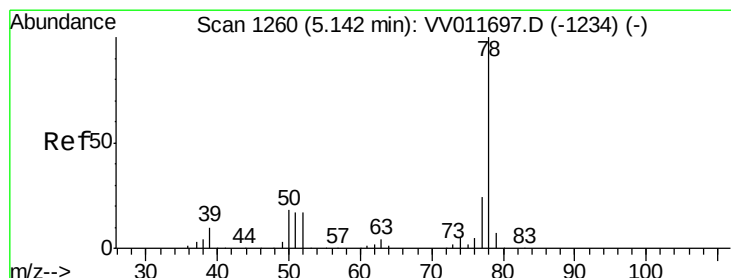
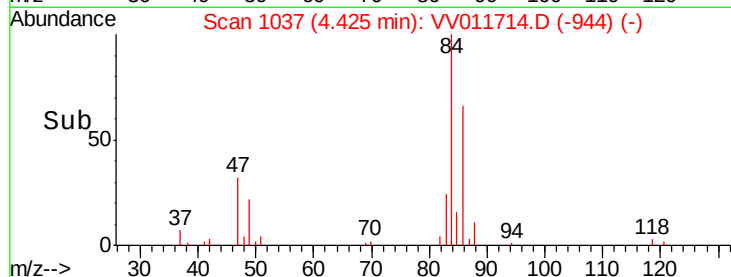
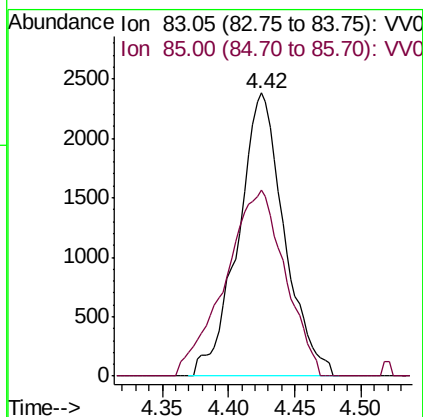
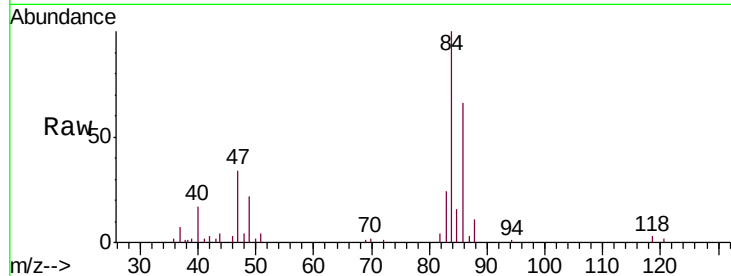




#25
Chloroform
Concen: 0.232 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011714.D
Acq: 22 Jun 2019 04:39

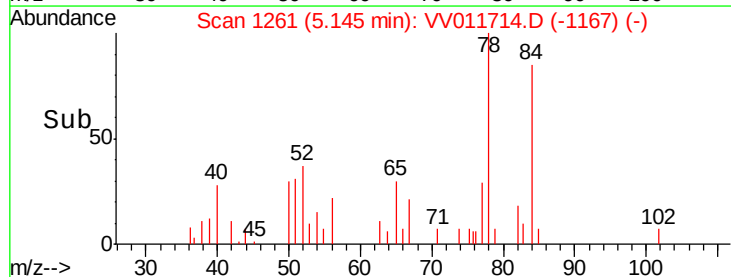
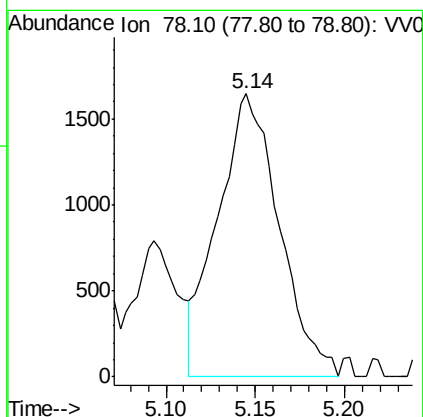
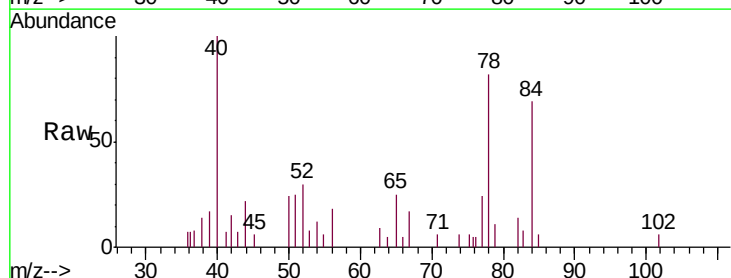
Instrument :
MSVOA_V
ClientSampled :
YAP06

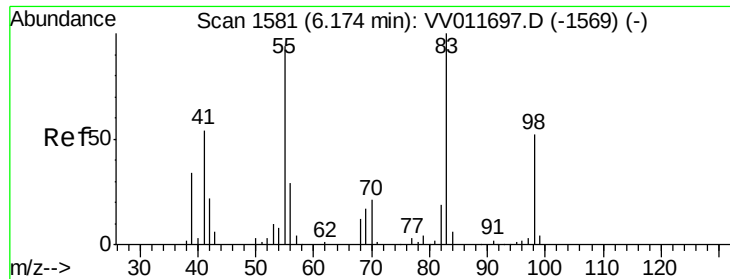
Tgt Ion: 83 Resp: 5771
Ion Ratio Lower Upper
83 100
85 65.6 47.0 87.2



#33
Benzene
Concen: 0.081 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV011714.D
Acq: 22 Jun 2019 04:39

Tgt Ion: 78 Resp: 3958

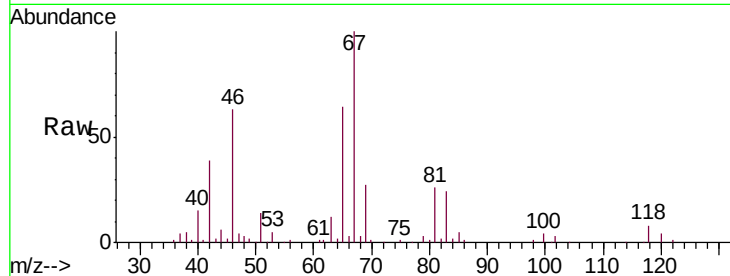




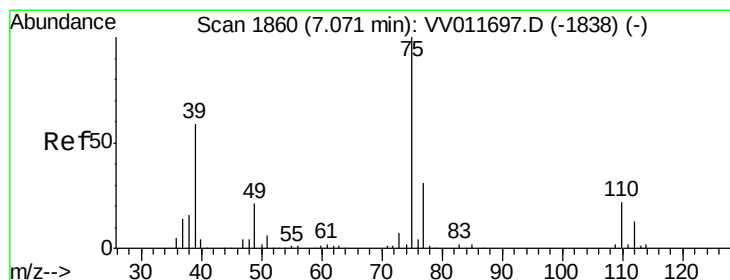
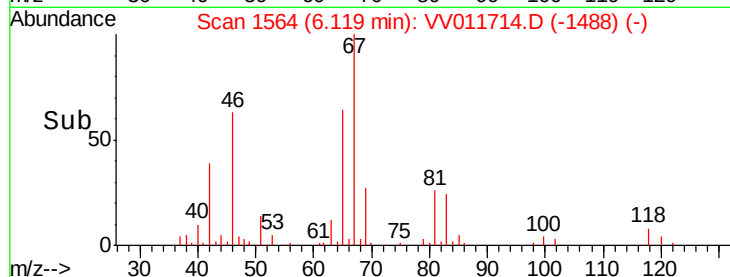
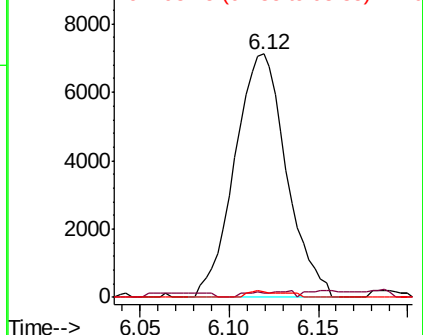
#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011714.D
Acq: 22 Jun 2019 04:39

Instrument :
MSVOA_V
ClientSampleId :
YAP06

Tgt Ion: 83 Resp: 14362
Ion Ratio Lower Upper
83 100
55 1.0 69.4 104.2#
98 1.2 40.2 60.4#

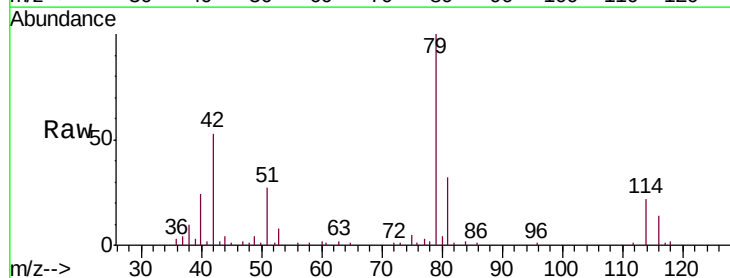


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

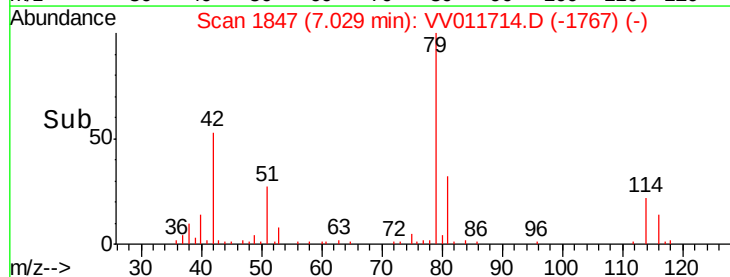
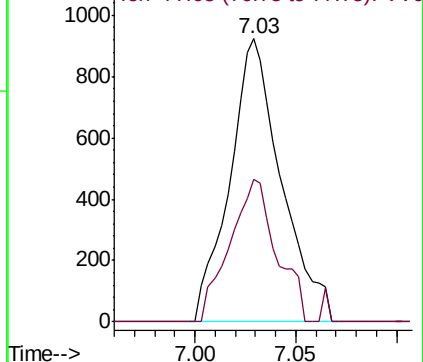


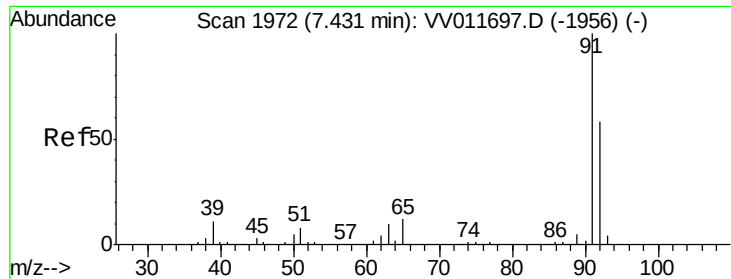
#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011714.D
Acq: 22 Jun 2019 04:39

Tgt Ion: 75 Resp: 1648
Ion Ratio Lower Upper
75 100
77 50.3 22.4 41.6#



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





#42

Toluene

Concen: 0.108 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV011714.D

Acq: 22 Jun 2019 04:39

Instrument :

MSVOA_V

ClientSampleId :

YAP06

Tgt Ion: 91 Resp: 5521

Ion Ratio Lower Upper

91 100

92 61.6 40.3 74.9

