

Data File : VV011712.D
Acq On : 22 Jun 2019 03:49
Operator : SY/MD
Sample : K3479-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP01

Quant Time: Jun 24 05:49:37 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	161528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42538	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	38649	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	65368	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.97	46	161872	57.32	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	4.40	84	94540	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	61281	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.09	84	196342	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	65005	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	158695	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	18012	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	131769	62.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49169	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59893	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

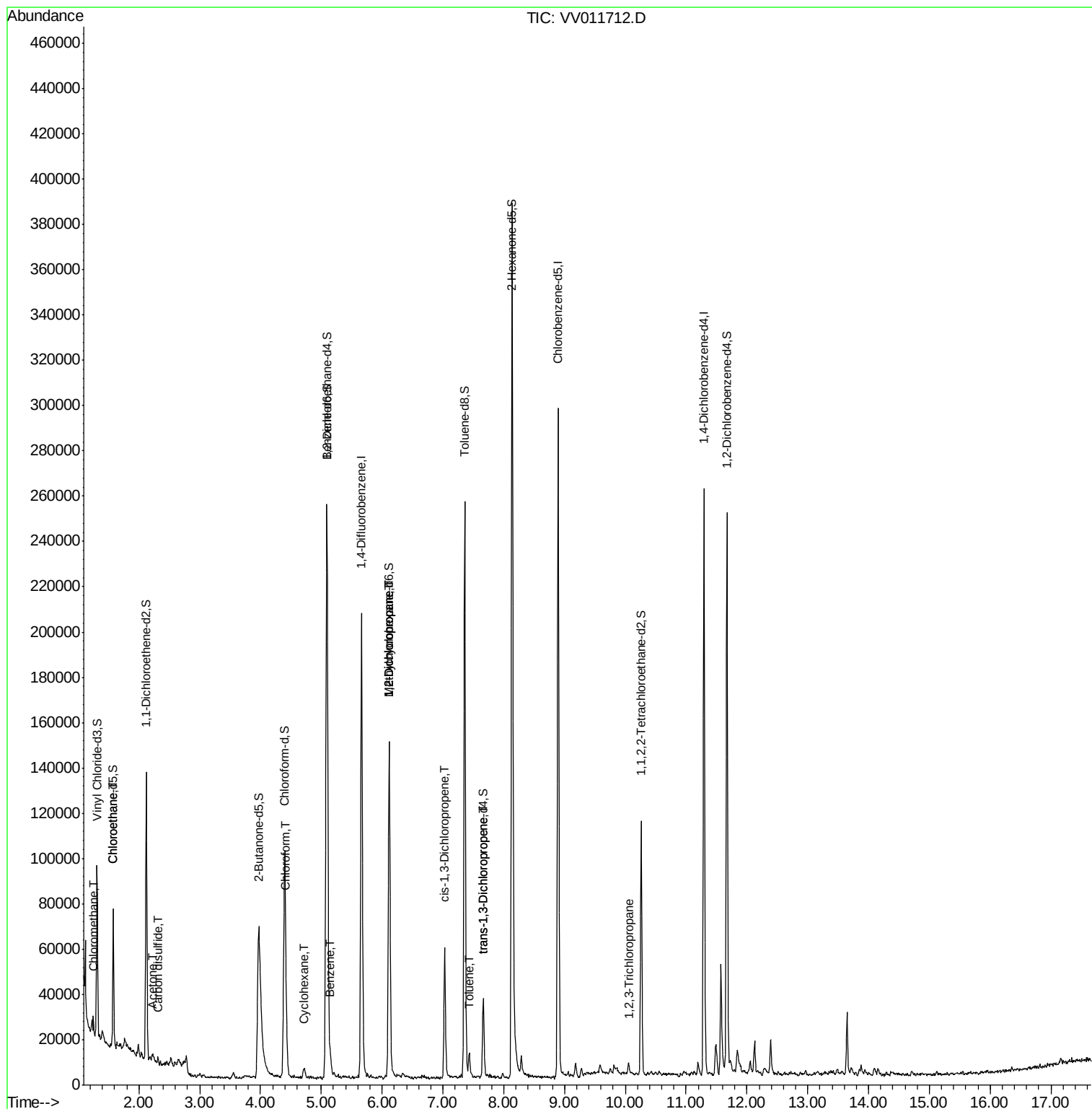
					Qvalue
3) Chloromethane	1.25	50	5164	0.339 ug/L	86
8) Chloroethane	1.59	64	806	0.103 ug/L	96
13) Acetone	2.23	43	4215	2.066 ug/L	92
14) Carbon disulfide	2.31	76	2959	0.110 ug/L #	80
25) Chloroform	4.42	83	9256	0.361 ug/L	88
30) Cyclohexane	4.71	56	1807	0.082 ug/L #	25
33) Benzene	5.14	78	7126	0.143 ug/L	100
35) Methylcyclohexane	6.12	83	15959	0.750 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7595	0.602 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1716	0.104 ug/L #	75
42) Toluene	7.43	91	6464	0.125 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1031	0.084 ug/L #	14
59) 1,2,3-Trichloropropane	10.05	75	2143	0.292 ug/L #	51

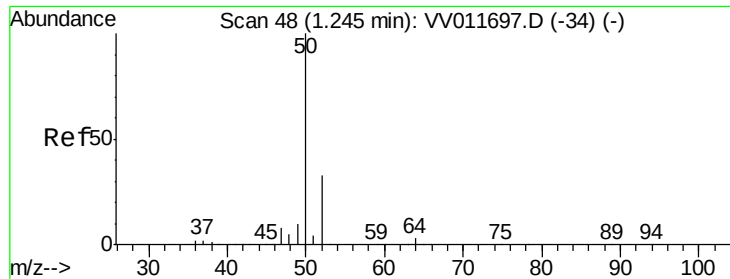
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#3

Chloromethane

Concen: 0.339 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

Instrument :

MSVOA_V

ClientSampleId :

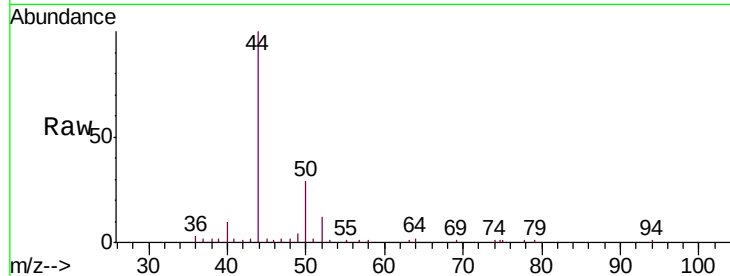
YAP01

Tgt Ion: 50 Resp: 5164

Ion Ratio Lower Upper

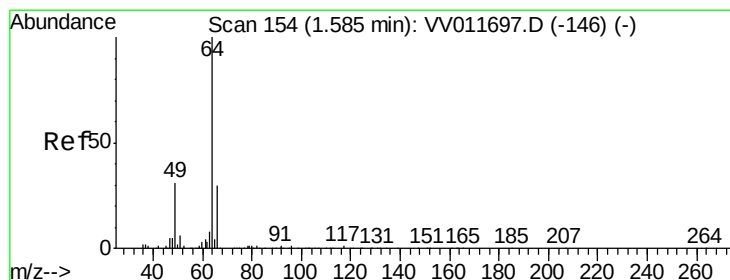
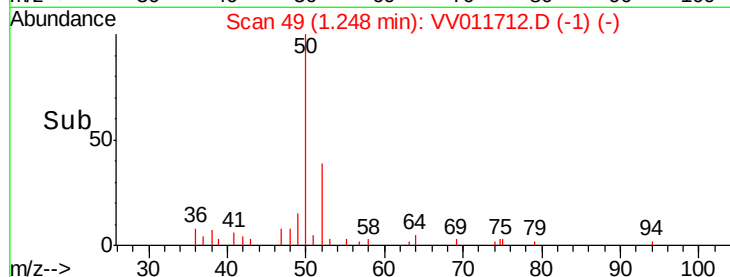
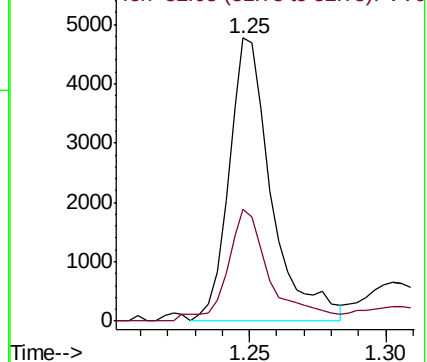
50 100

52 39.3 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV011712.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011712.D (-1) (-)



#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.00 min

Lab File: VV011712.D

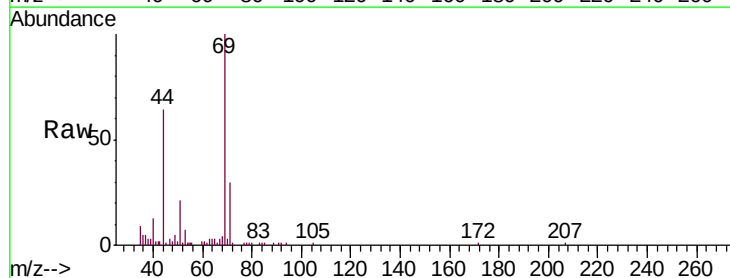
Acq: 22 Jun 2019 03:49

Tgt Ion: 64 Resp: 806

Ion Ratio Lower Upper

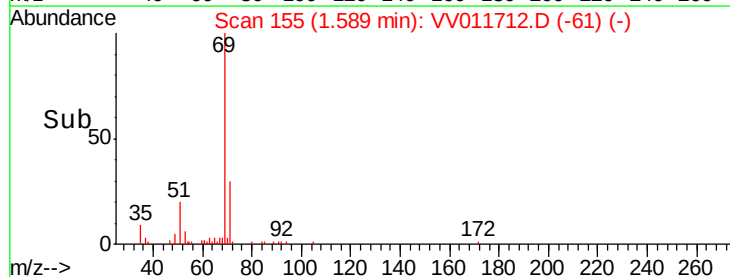
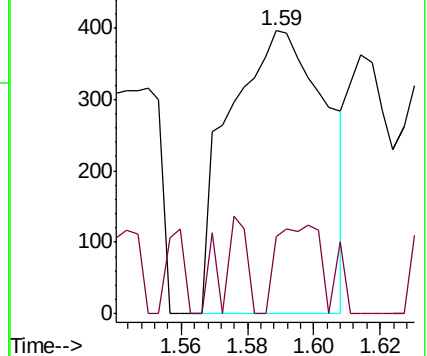
64 100

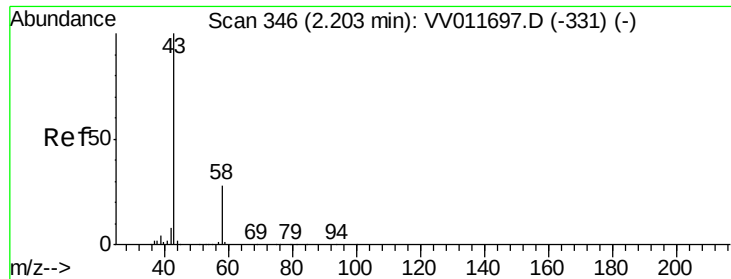
66 27.3 20.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VV011712.D (-61) (-)

Ion 66.05 (65.75 to 66.75): VV011712.D (-61) (-)

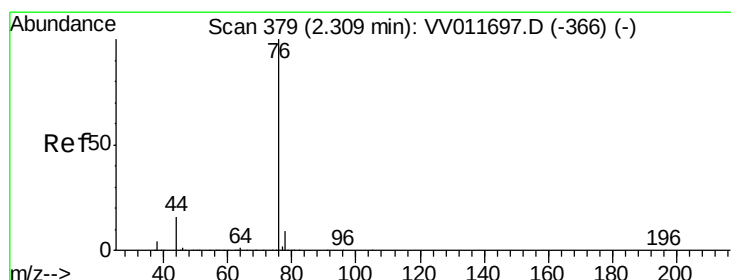
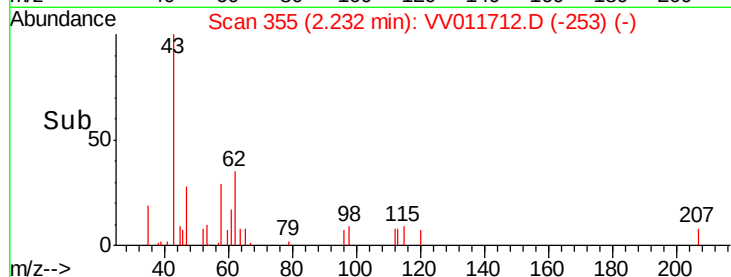
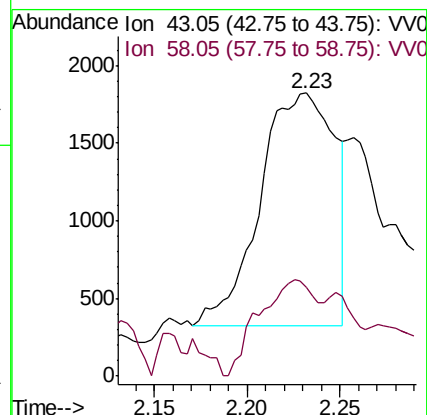
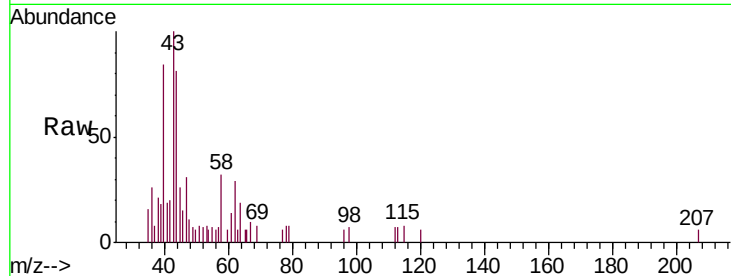




#13
Acetone
Concen: 2.066 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.03 min
Lab File: VV011712.D
Acq: 22 Jun 2019 03:49

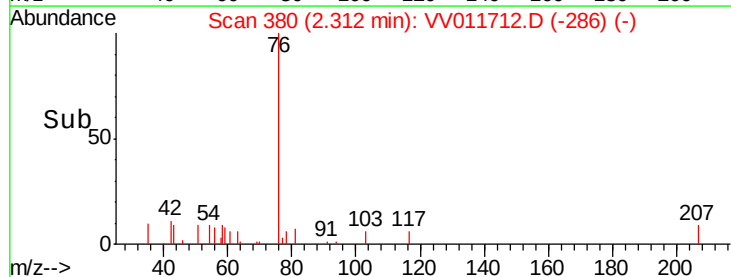
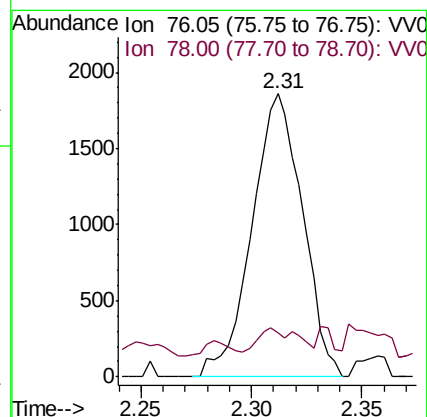
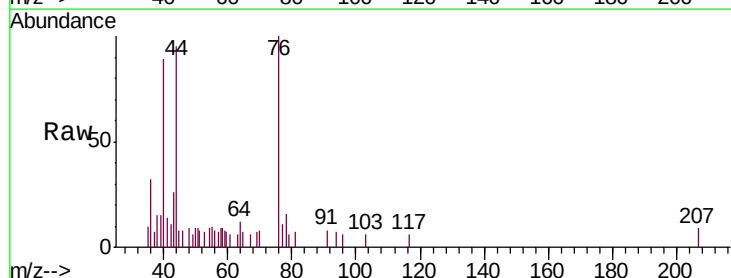
Instrument :
MSVOA_V
ClientSampleId :
YAP01

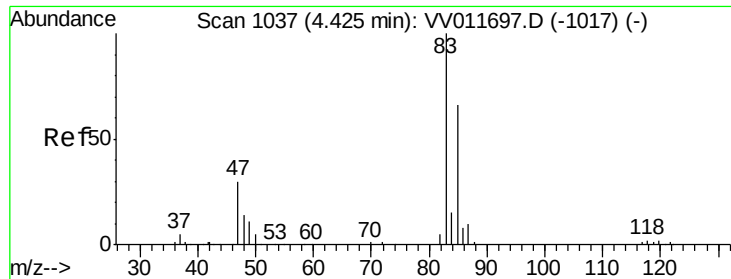
Tgt Ion: 43 Resp: 4215
Ion Ratio Lower Upper
43 100
58 32.7 0.0 56.6



#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV011712.D
Acq: 22 Jun 2019 03:49

Tgt Ion: 76 Resp: 2959
Ion Ratio Lower Upper
76 100
78 15.8 7.0 10.4#





#25

Chloroform

Concen: 0.361 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

Instrument :

MSVOA_V

ClientSampleId :

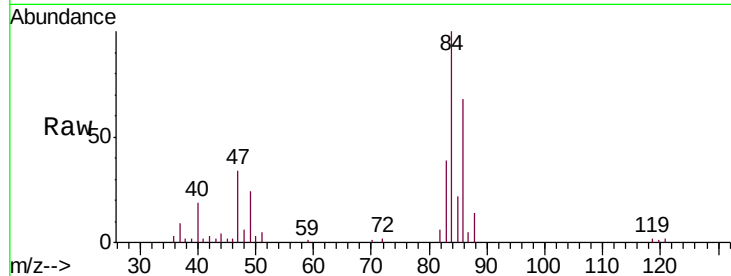
YAP01

Tgt Ion: 83 Resp: 9256

Ion Ratio Lower Upper

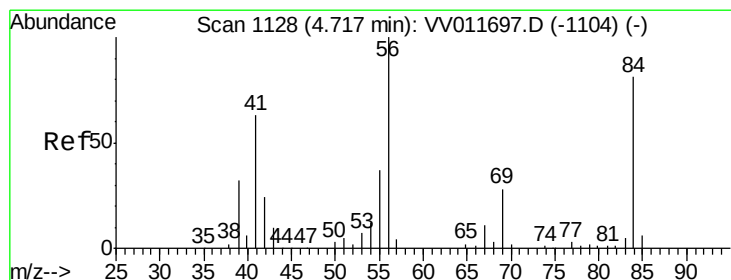
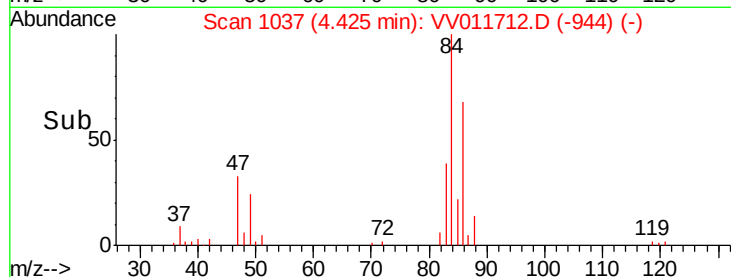
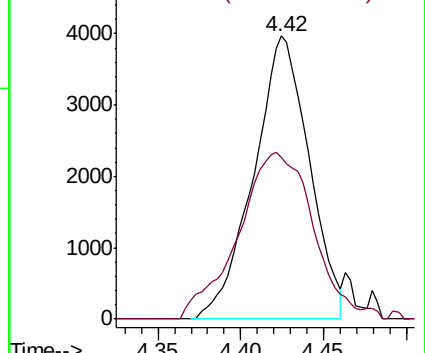
83 100

85 57.3 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#30

Cyclohexane

Concen: 0.082 ug/L

RT: 4.71 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

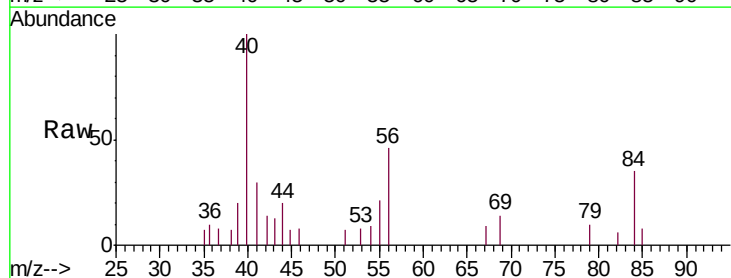
Tgt Ion: 56 Resp: 1807

Ion Ratio Lower Upper

56 100

69 12.4 23.2 34.8#

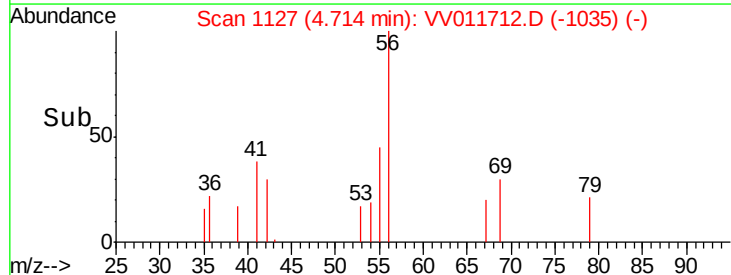
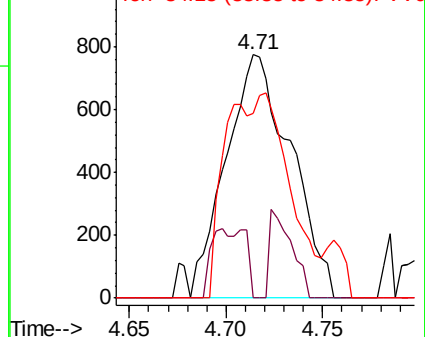
84 0.0 65.0 97.4#

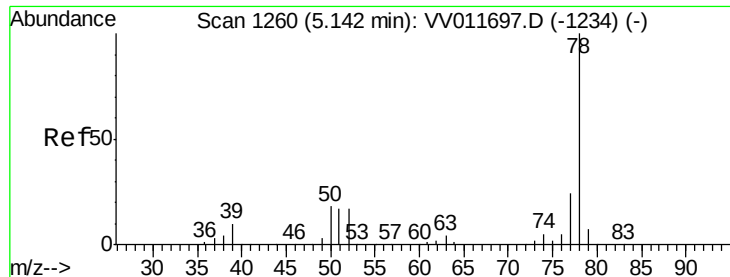


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#33

Benzene

Concen: 0.143 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

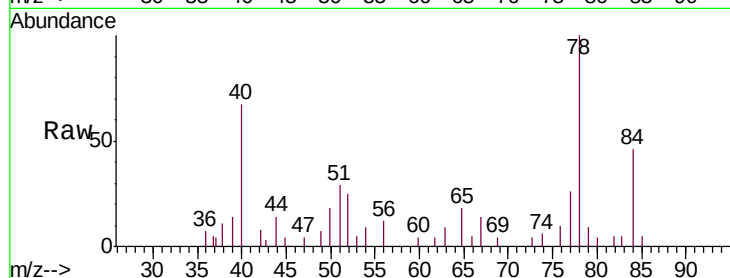
Instrument :

MSVOA_V

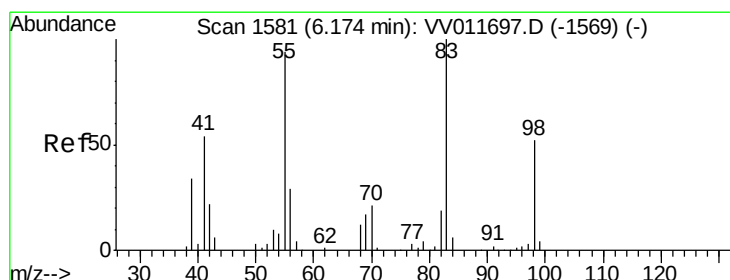
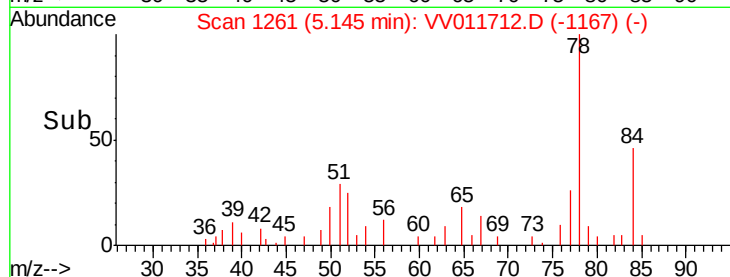
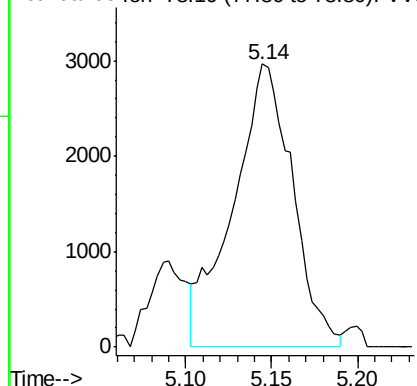
ClientSampleId :

YAP01

Tgt Ion: 78 Resp: 7126



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

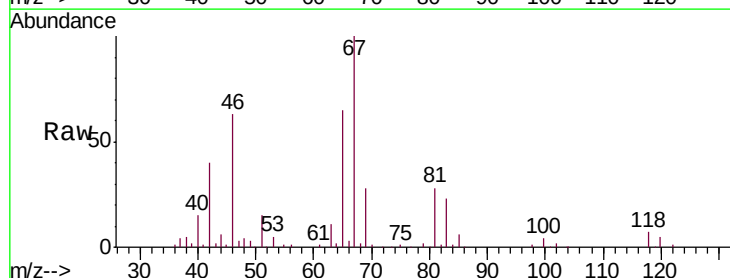
Tgt Ion: 83 Resp: 15959

Ion Ratio Lower Upper

83 100

55 2.0 69.4 104.2#

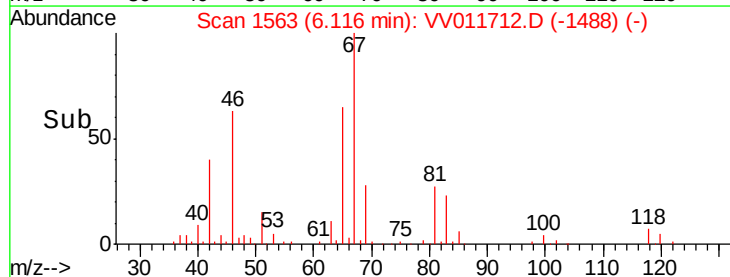
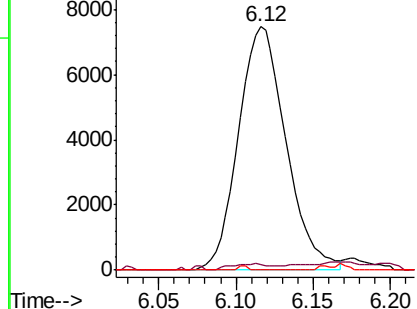
98 0.3 40.2 60.4#

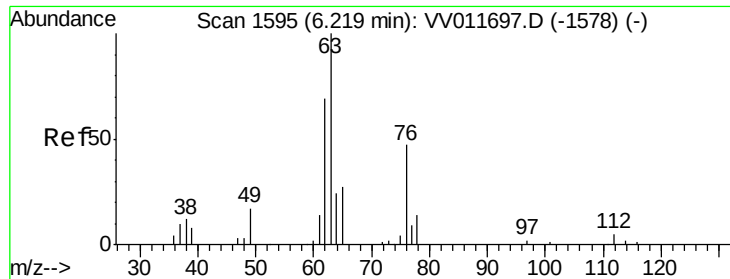


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

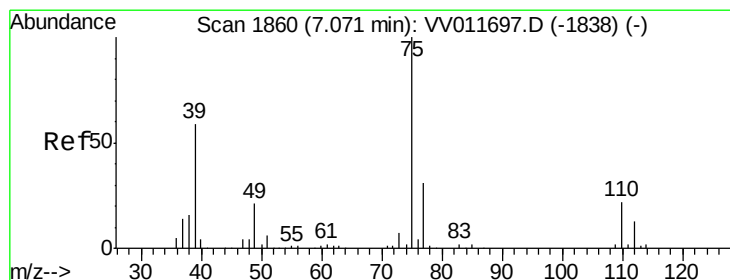
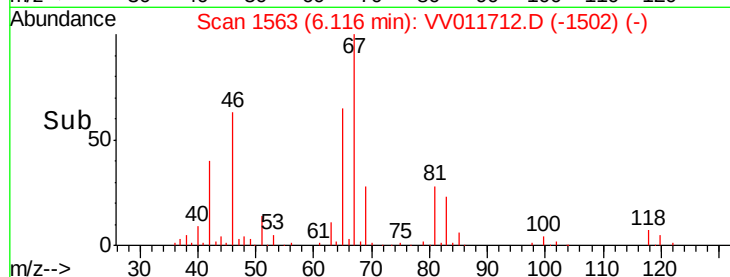
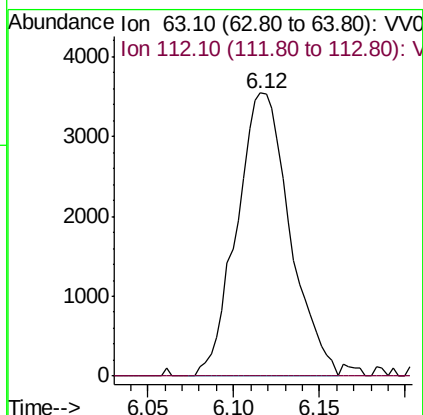
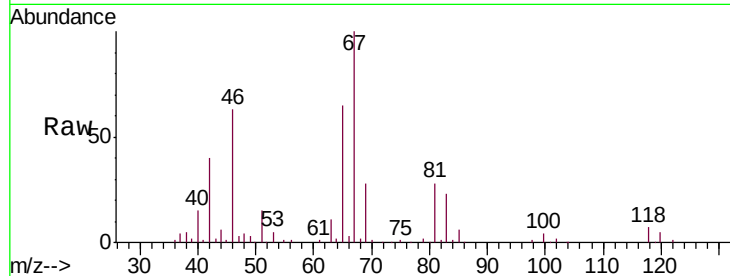




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011712.D
 Acq: 22 Jun 2019 03:49

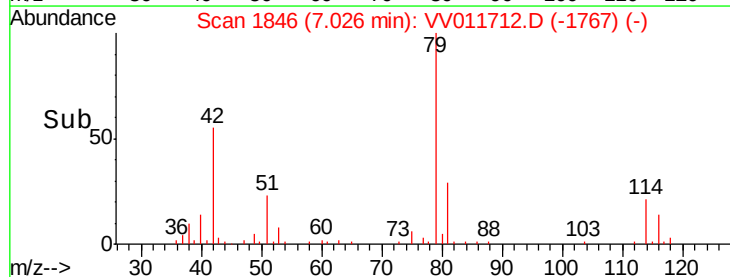
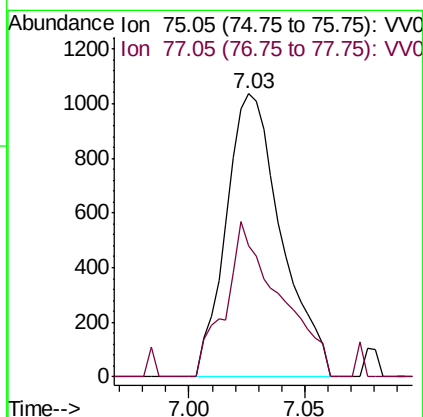
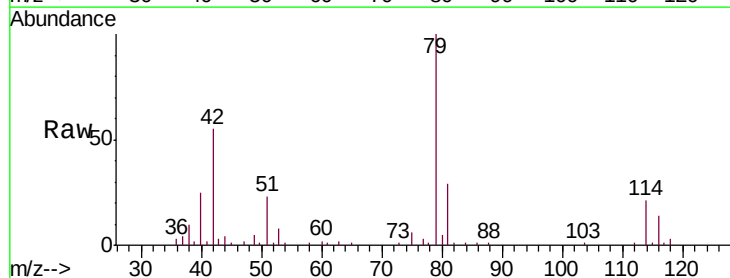
Instrument :
 MSVOA_V
 ClientSampleId :
 YAP01

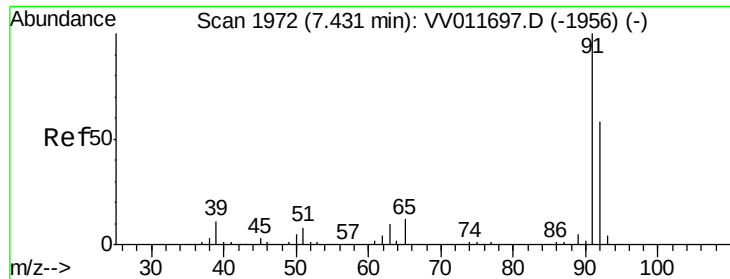
Tgt Ion: 63 Resp: 7595
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011712.D
 Acq: 22 Jun 2019 03:49

Tgt Ion: 75 Resp: 1716
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.4 41.6#





#42

Toluene

Concen: 0.125 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV011712.D

Acq: 22 Jun 2019 03:49

Instrument :

MSVOA_V

ClientSampleId :

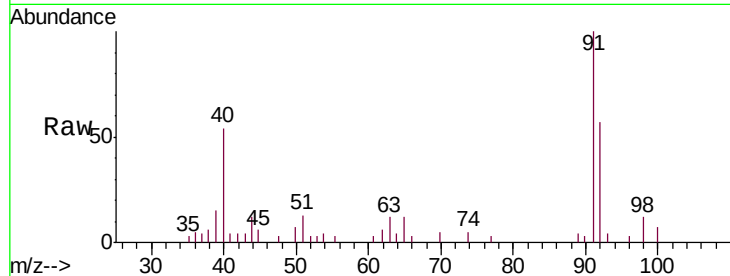
YAP01

Tgt Ion: 91 Resp: 6464

Ion Ratio Lower Upper

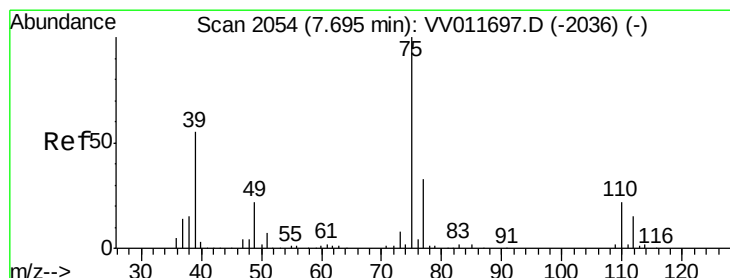
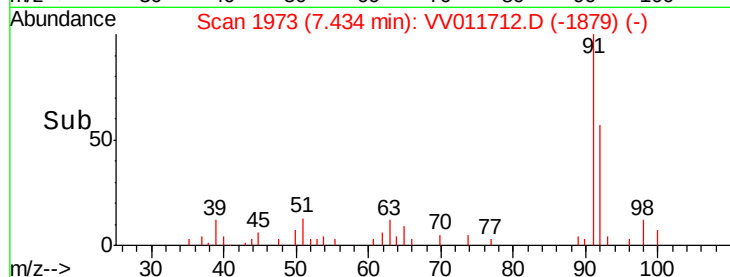
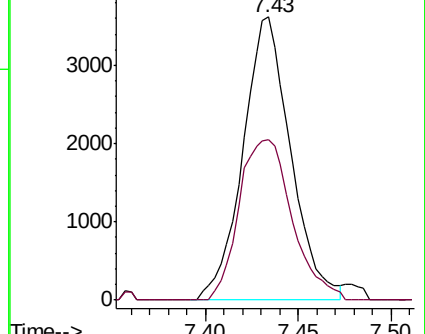
91 100

92 56.6 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV011697.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011697.D (-1956) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011712.D

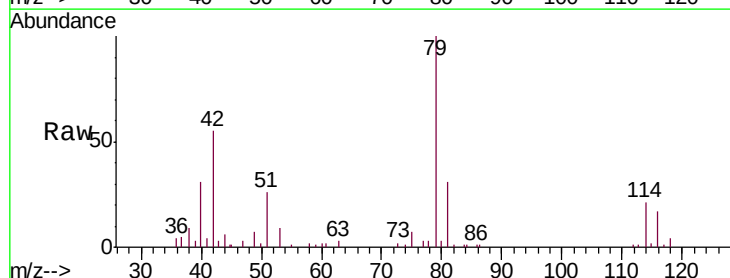
Acq: 22 Jun 2019 03:49

Tgt Ion: 75 Resp: 1031

Ion Ratio Lower Upper

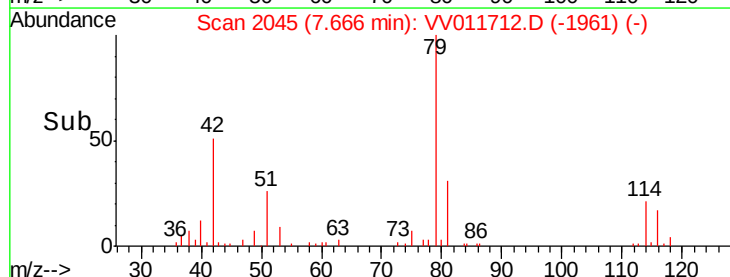
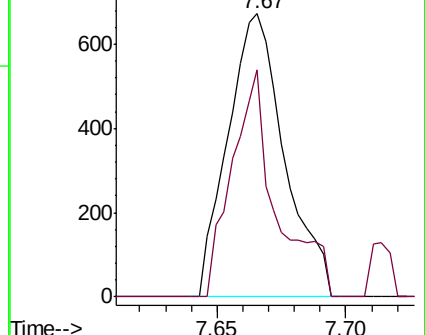
75 100

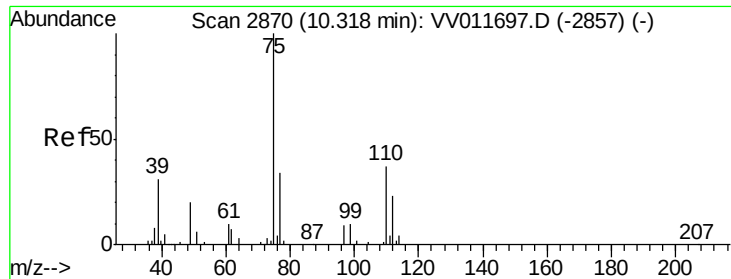
77 80.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV011697.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV011697.D (-2036) (-)





#59
 1,2,3-Trichloropropane
 Concen: 0.292 ug/L
 RT: 10.05 min Scan# 2788
 Delta R.T. -0.26 min
 Lab File: VV011712.D
 Acq: 22 Jun 2019 03:49

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP01

Tgt Ion: 75 Resp: 2143
 Ion Ratio Lower Upper
 75 100
 77 4.4 25.2 37.8#

