

Data File : VV011708.D
Acq On : 22 Jun 2019 02:08
Operator : SY/MD
Sample : K3479-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP04

Quant Time: Jun 24 05:49:02 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	156461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39099	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	35152	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	64488	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	151188	55.27	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.40	84	89022	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	54580	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	184172	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	58071	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	152030	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	16829	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	114025	55.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43269	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55736	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

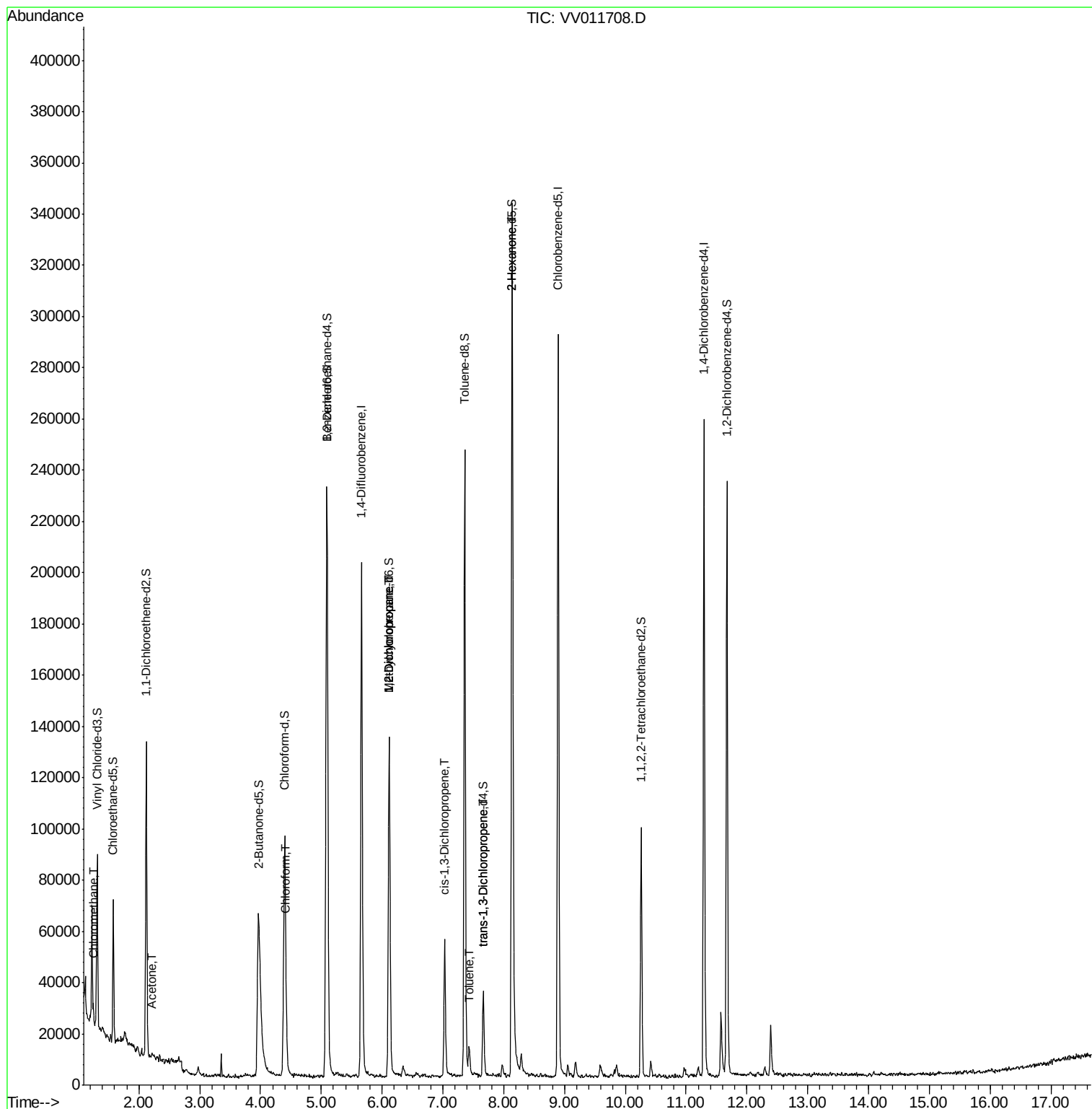
						Qvalue
3) Chloromethane	1.25	50	5858	0.397	ug/L	97
13) Acetone	2.22	43	5267	2.665	ug/L	71
25) Chloroform	4.43	83	5084	0.205	ug/L	97
35) Methylcyclohexane	6.12	83	14340	0.689	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7277	0.589	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1406	0.087	ug/L #	76
42) Toluene	7.43	91	6309	0.124	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1017	0.085	ug/L	90
48) 2-Hexanone	8.14	43	15564	2.857	ug/L #	76

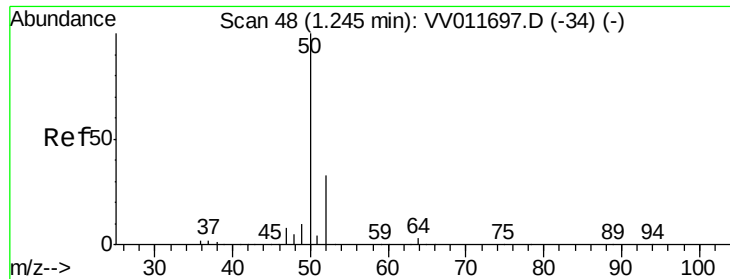
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.397 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011708.D

Acq: 22 Jun 2019 02:08

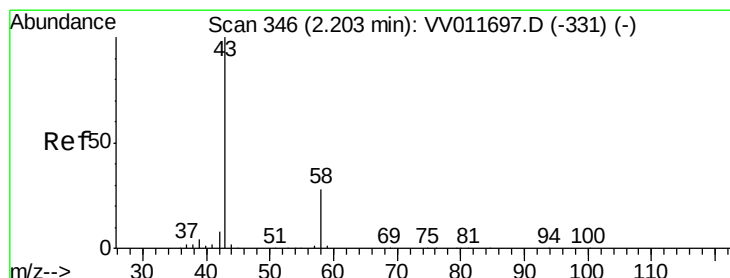
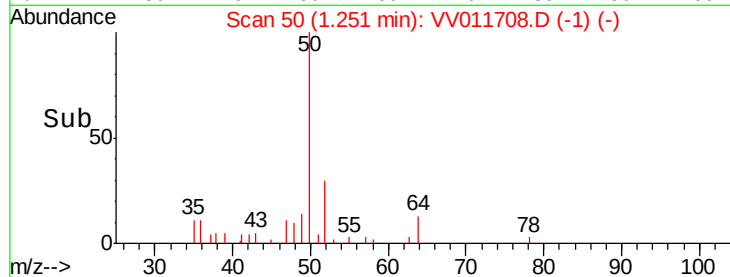
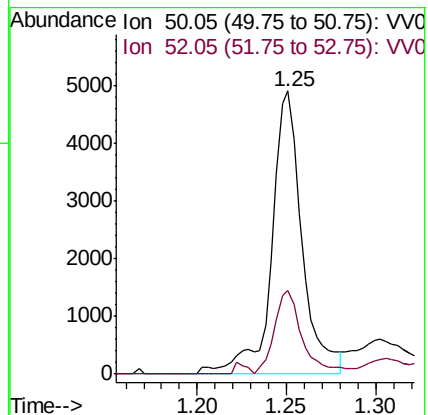
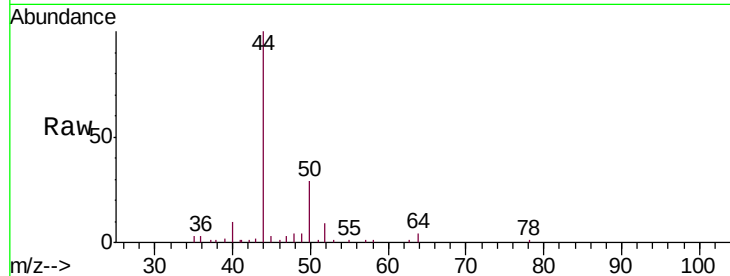
Instrument :
MSVOA_V
ClientSampleId :
YAP04

Tgt Ion: 50 Resp: 5858

Ion Ratio Lower Upper

50 100

52 29.7 22.0 40.8



#13

Acetone

Concen: 2.665 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.02 min

Lab File: VV011708.D

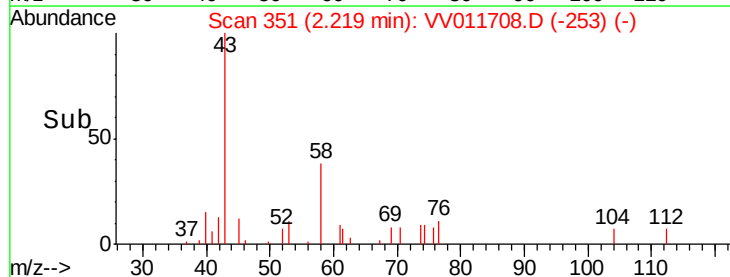
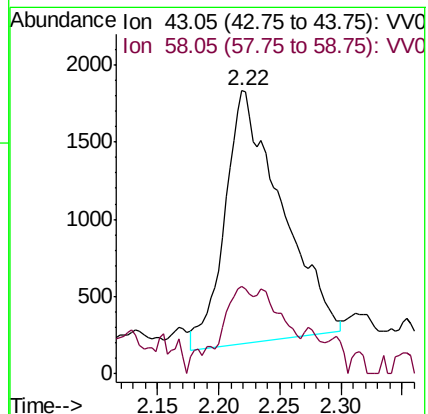
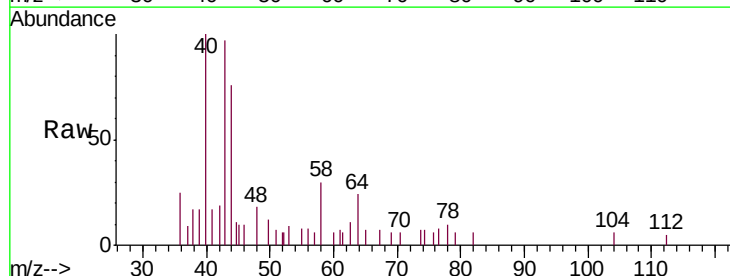
Acq: 22 Jun 2019 02:08

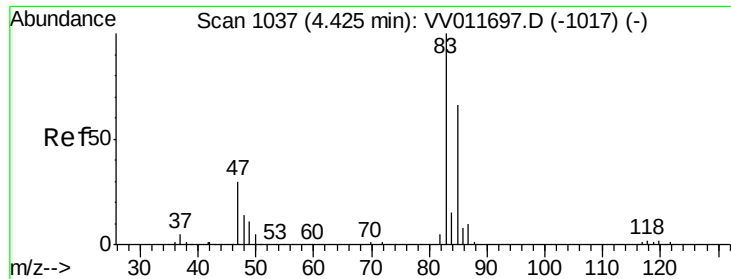
Tgt Ion: 43 Resp: 5267

Ion Ratio Lower Upper

43 100

58 12.7 0.0 56.6

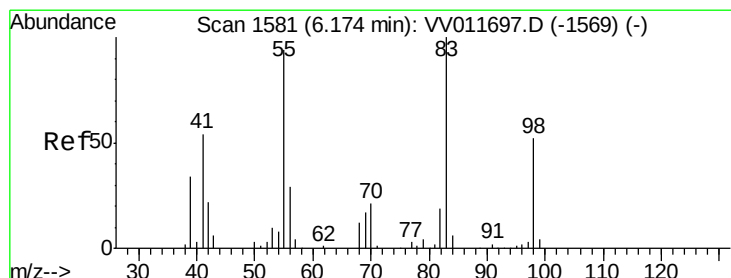
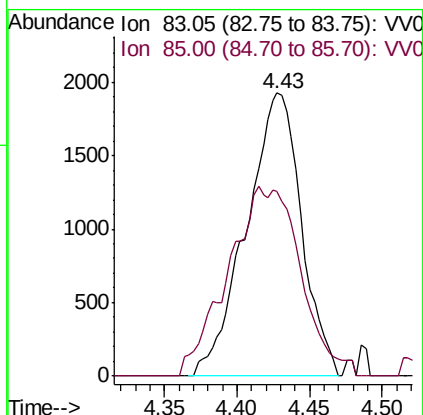
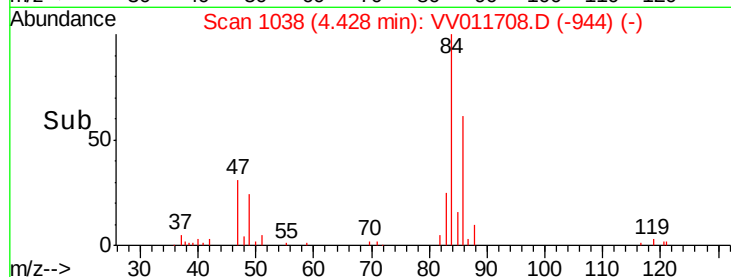
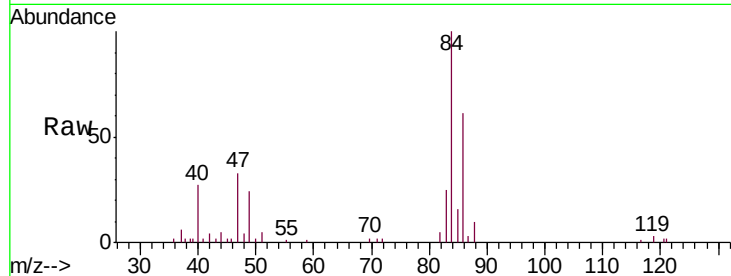




#25
Chloroform
Concen: 0.205 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011708.D
Acq: 22 Jun 2019 02:08

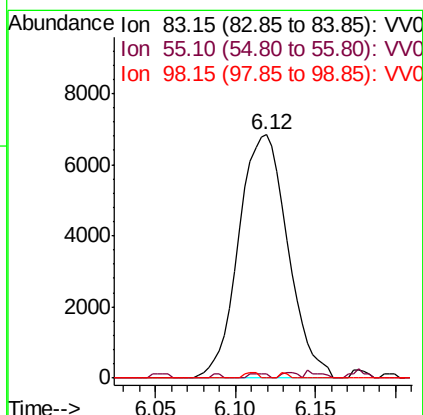
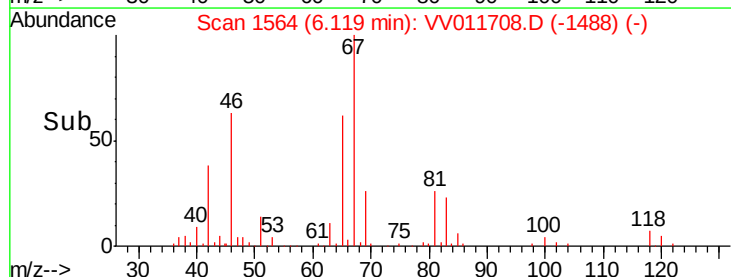
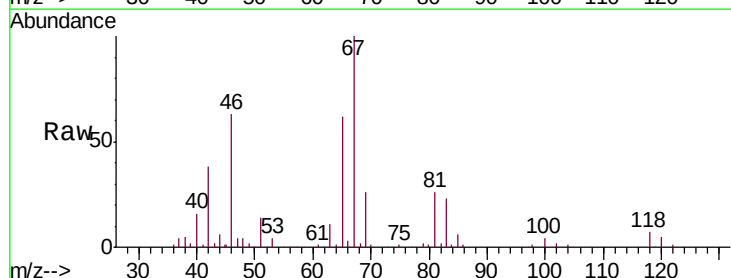
Instrument :
MSVOA_V
ClientSampleId :
YAP04

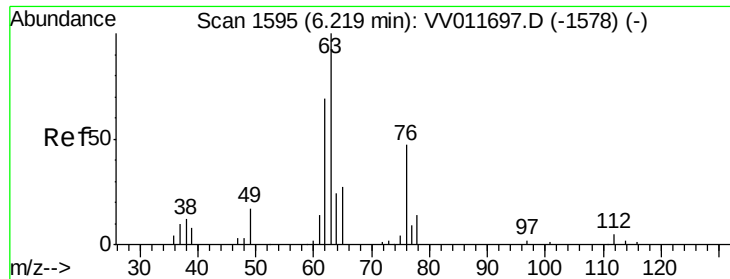
Tgt Ion: 83 Resp: 5084
Ion Ratio Lower Upper
83 100
85 65.1 47.0 87.2



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011708.D
Acq: 22 Jun 2019 02:08

Tgt Ion: 83 Resp: 14340
Ion Ratio Lower Upper
83 100
55 0.6 69.4 104.2#
98 0.6 40.2 60.4#

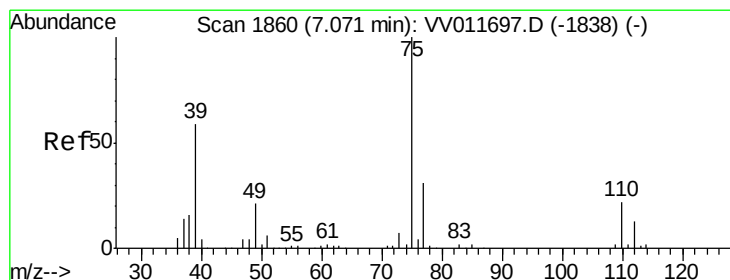
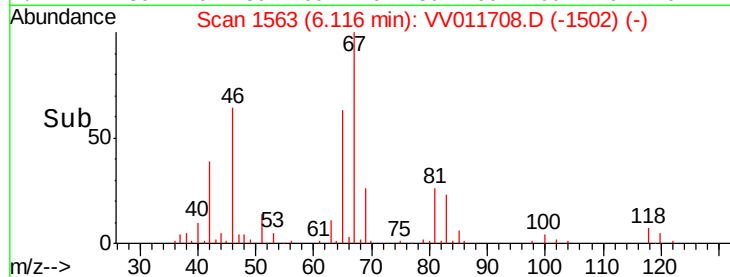
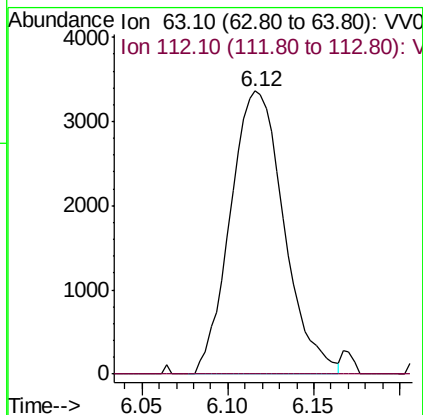
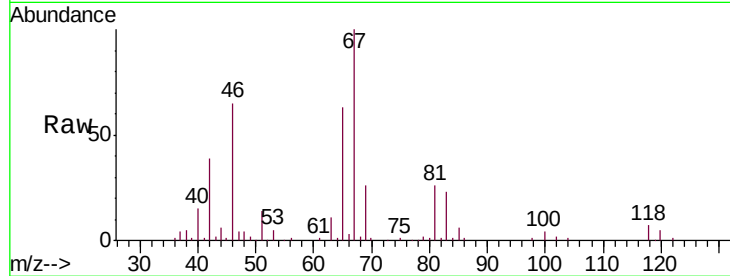




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011708.D
 Acq: 22 Jun 2019 02:08

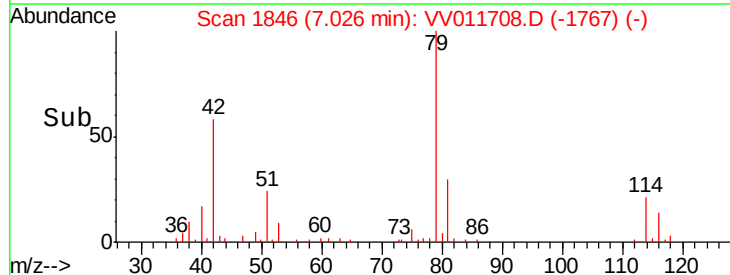
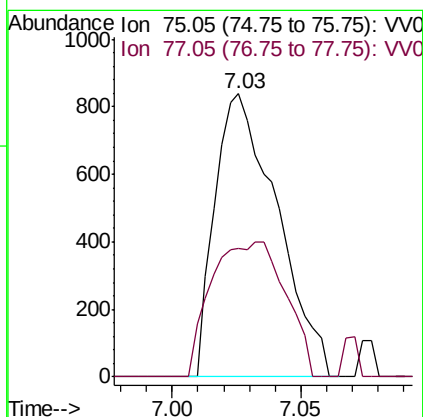
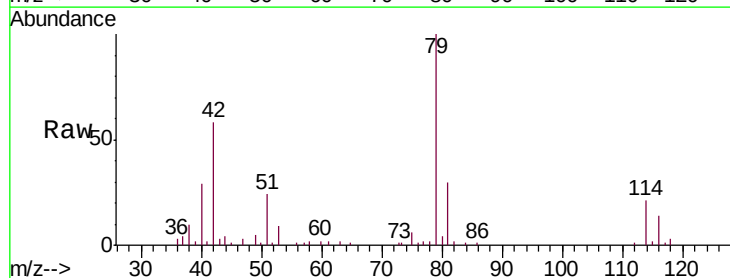
Instrument :
 MSVOA_V
 ClientSampleId :
 YAP04

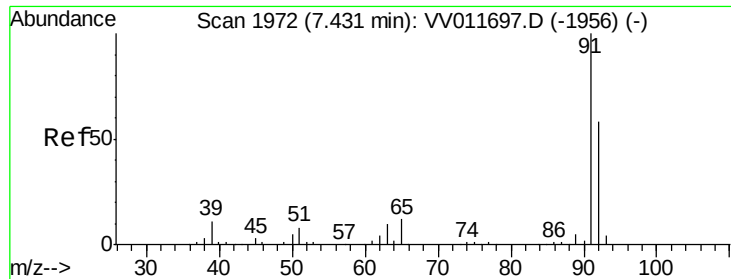
Tgt Ion: 63 Resp: 7277
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV011708.D
 Acq: 22 Jun 2019 02:08

Tgt Ion: 75 Resp: 1406
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.4 41.6#





#42

Toluene

Concen: 0.124 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV011708.D

Acq: 22 Jun 2019 02:08

Instrument :

MSVOA_V

ClientSampleId :

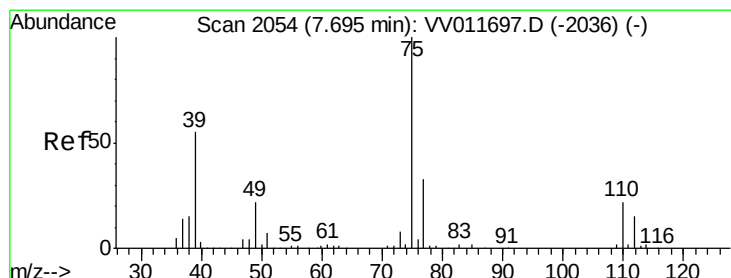
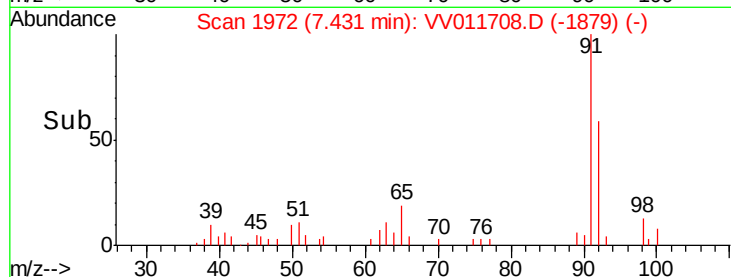
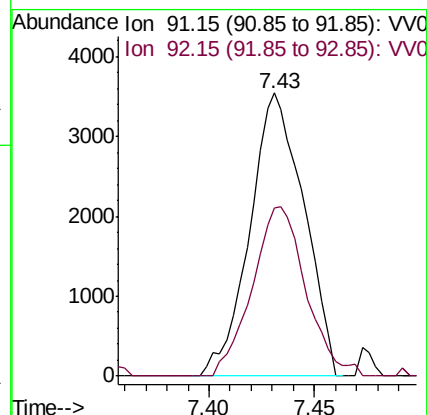
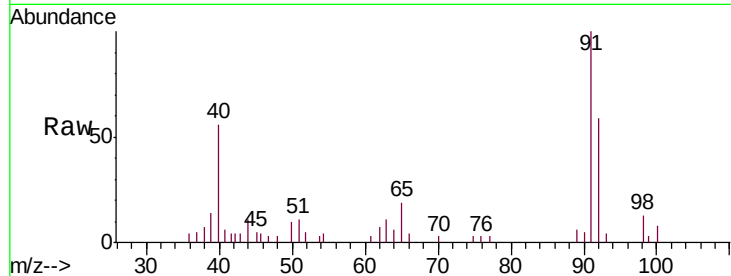
YAP04

Tgt Ion: 91 Resp: 6309

Ion Ratio Lower Upper

91 100

92 59.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011708.D

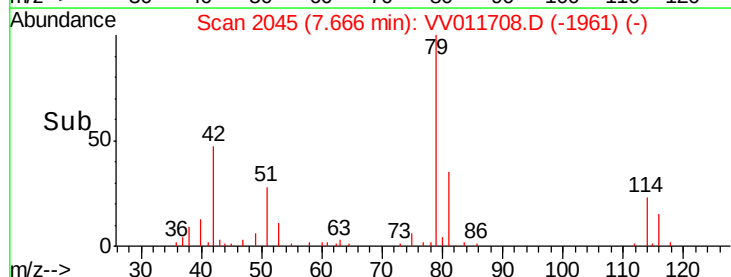
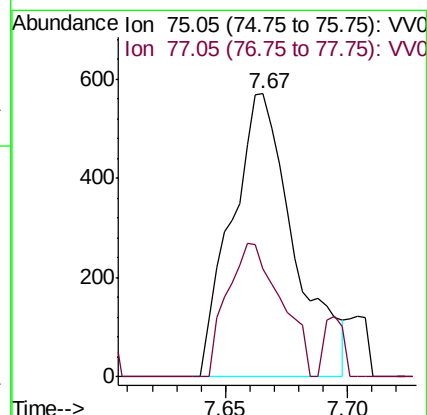
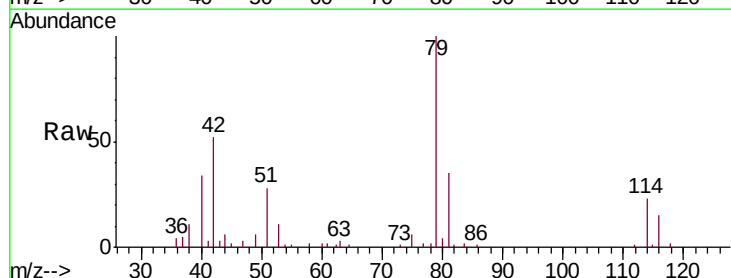
Acq: 22 Jun 2019 02:08

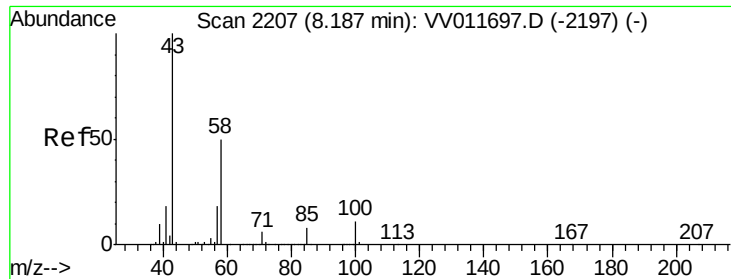
Tgt Ion: 75 Resp: 1017

Ion Ratio Lower Upper

75 100

77 38.0 22.7 42.1





#48

2-Hexanone

Concen: 2.857 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011708.D

Acq: 22 Jun 2019 02:08

Instrument :
MSVOA_V
ClientSampleId :
YAP04

Tgt Ion: 43 Resp: 15564

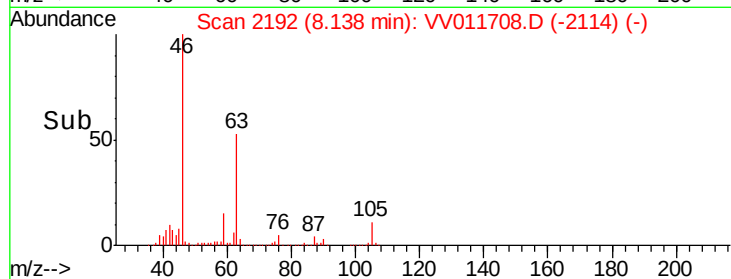
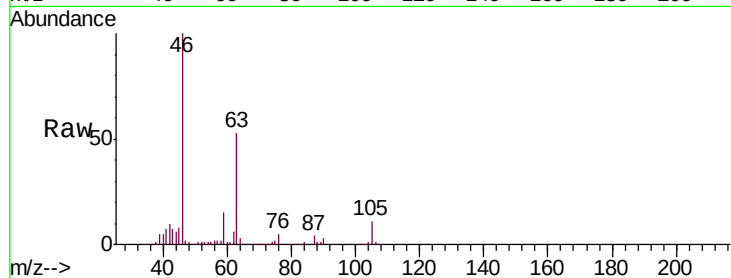
Ion Ratio Lower Upper

43 100

58 32.9 40.1 60.1#

57 27.9 14.4 21.6#

100 1.6 8.6 12.8#



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

