

Data File : VV011709.D
Acq On : 22 Jun 2019 02:34
Operator : SY/MD
Sample : K3479-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP02

Quant Time: Jun 24 05:49:10 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	156748	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41319	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	35553	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	67460	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	161951	59.09	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	4.40	84	93472	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	57911	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	189531	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	62164	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	159703	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	17472	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	119474	57.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45298	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	58802	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

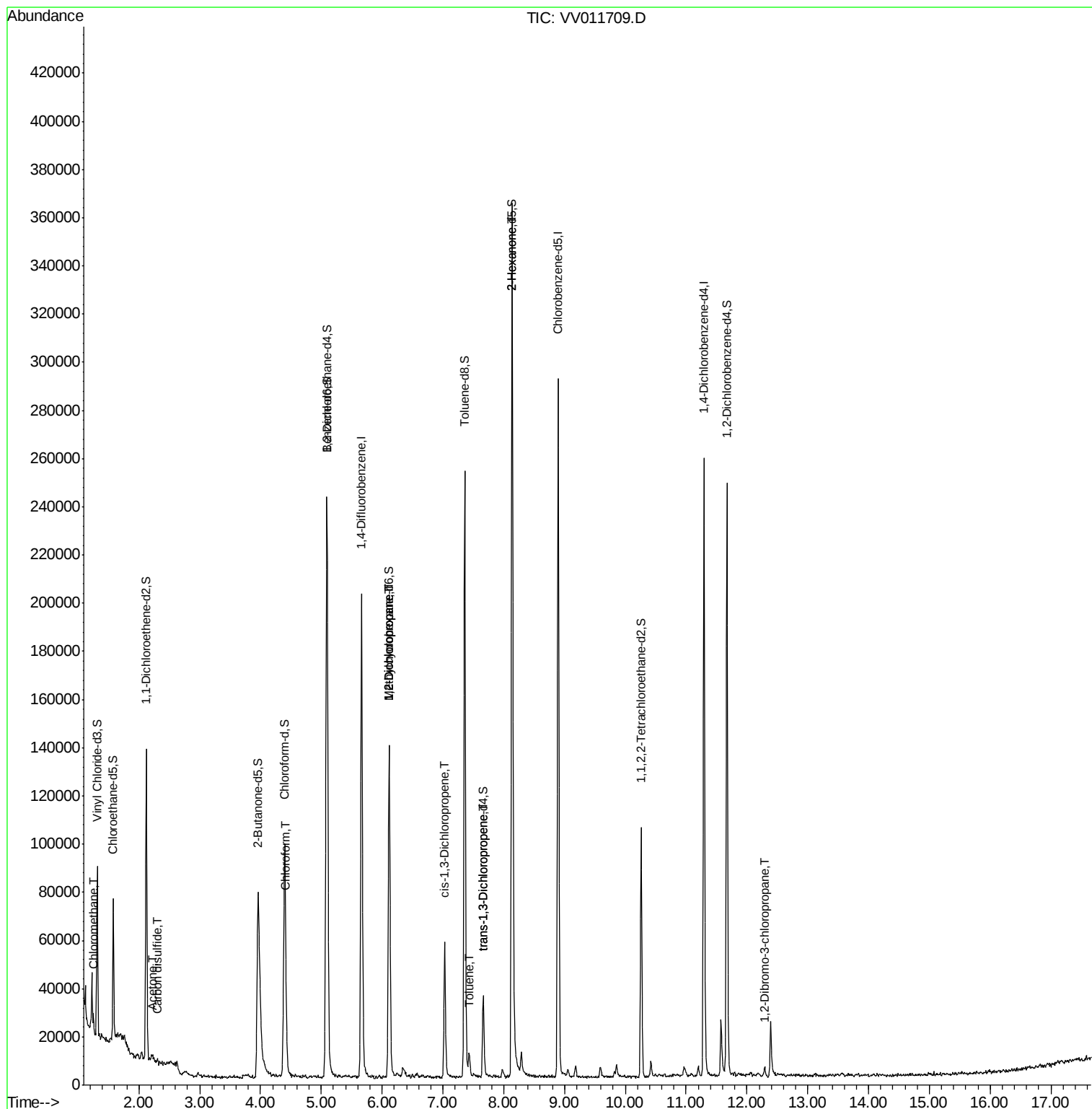
					Qvalue
3) Chloromethane	1.25	50	5804	0.392 ug/L	99
13) Acetone	2.22	43	4284	2.164 ug/L	79
14) Carbon disulfide	2.31	76	2367	0.091 ug/L #	56
25) Chloroform	4.42	83	4675	0.188 ug/L	91
35) Methylcyclohexane	6.12	83	14902	0.711 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7781	0.626 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1404	0.086 ug/L #	50
42) Toluene	7.43	91	6159	0.120 ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	1031	0.085 ug/L #	59
48) 2-Hexanone	8.14	43	16977	3.096 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	12.30	75	197	0.174 ug/L #	6

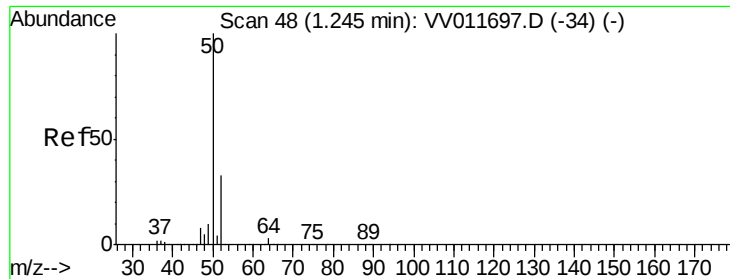
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.392 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011709.D

Acq: 22 Jun 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

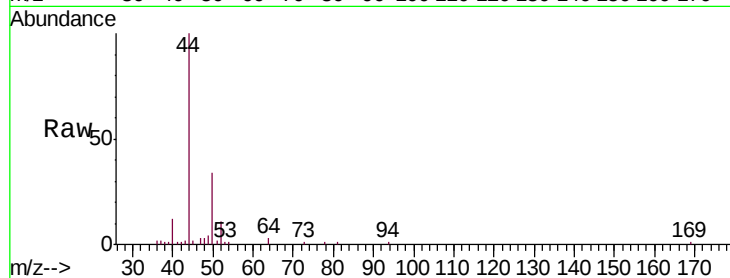
YAP02

Tgt Ion: 50 Resp: 5804

Ion Ratio Lower Upper

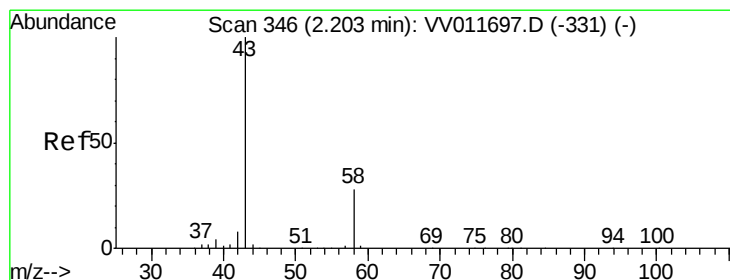
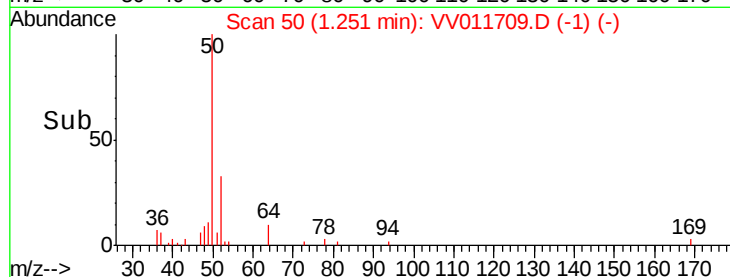
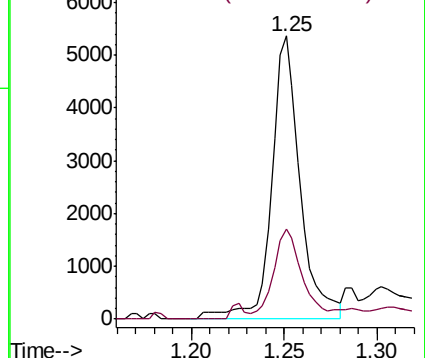
50 100

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: 2.164 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.02 min

Lab File: VV011709.D

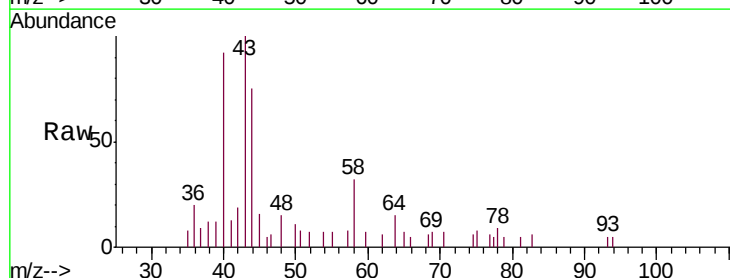
Acq: 22 Jun 2019 02:34

Tgt Ion: 43 Resp: 4284

Ion Ratio Lower Upper

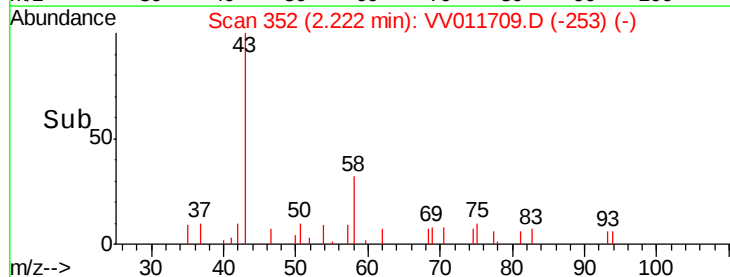
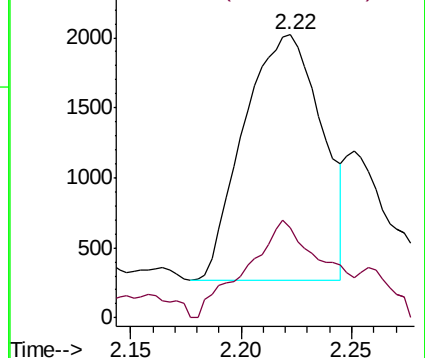
43 100

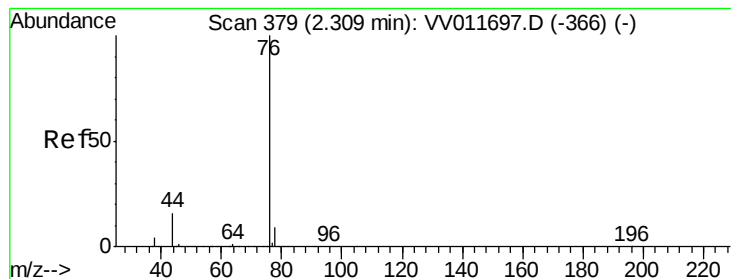
58 39.5 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.091 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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Acq: 22 Jun 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

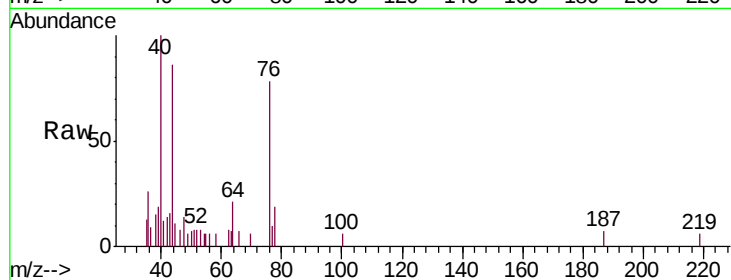
YAP02

Tgt Ion: 76 Resp: 2367

Ion Ratio Lower Upper

76 100

78 24.6 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VV011697.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV011697.D (-366) (-)

2.31

1500

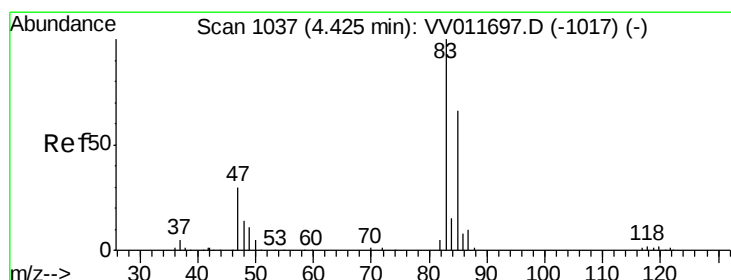
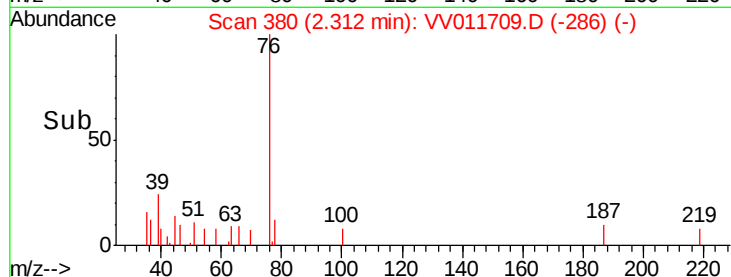
1000

500

0

2.25 2.30 2.35

Time-->



#25

Chloroform

Concen: 0.188 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011709.D

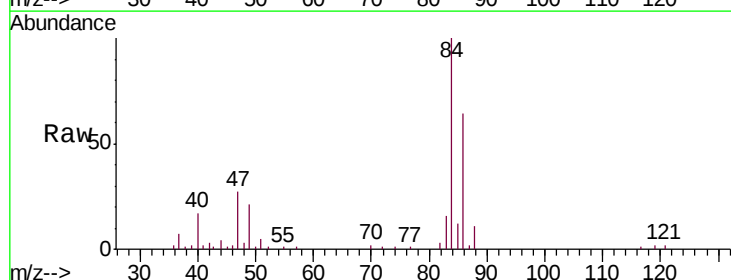
Acq: 22 Jun 2019 02:34

Tgt Ion: 83 Resp: 4675

Ion Ratio Lower Upper

83 100

85 74.4 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV011697.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011697.D (-1017) (-)

4.42

2000

1500

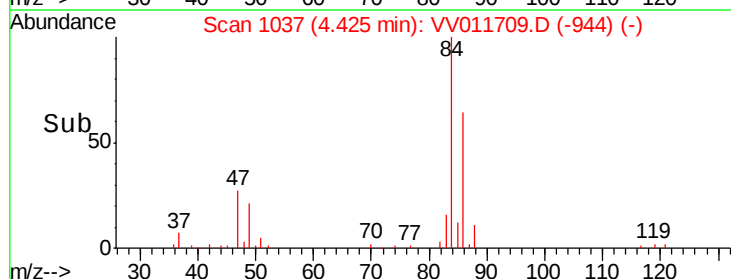
1000

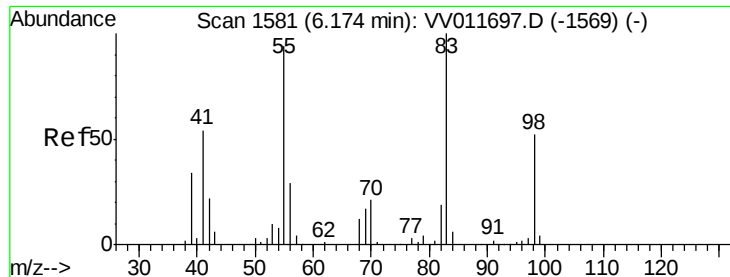
500

0

4.35 4.40 4.45 4.50

Time-->





#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011709.D

Acq: 22 Jun 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

YAP02

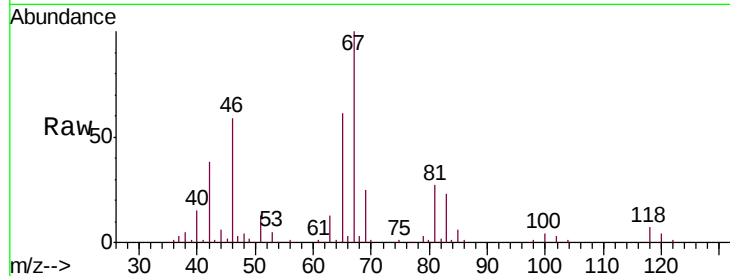
Tgt Ion: 83 Resp: 14902

Ion Ratio Lower Upper

83 100

55 0.6 69.4 104.2#

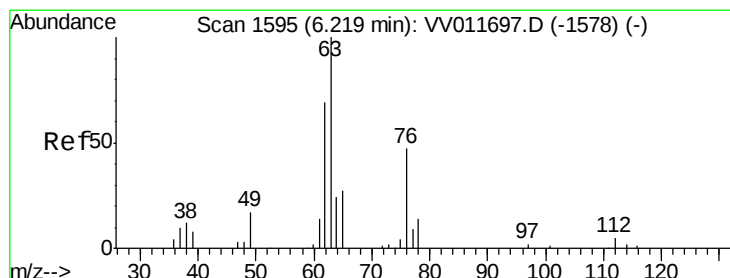
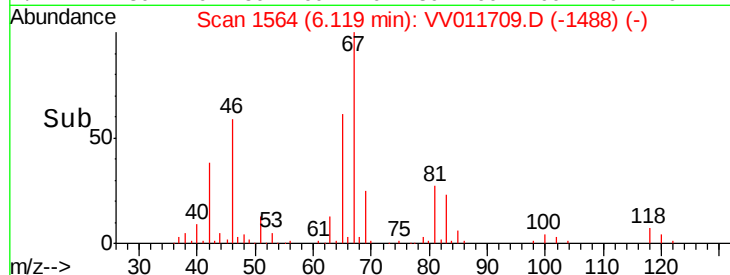
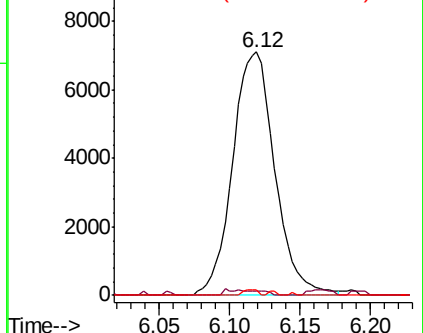
98 0.8 40.2 60.4#



Abundance Ion 83.15 (82.85 to 83.85): VV011709.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV011709.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011709.D (-1569) (-)



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011709.D

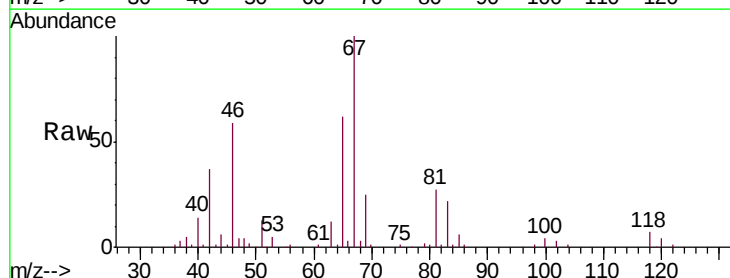
Acq: 22 Jun 2019 02:34

Tgt Ion: 63 Resp: 7781

Ion Ratio Lower Upper

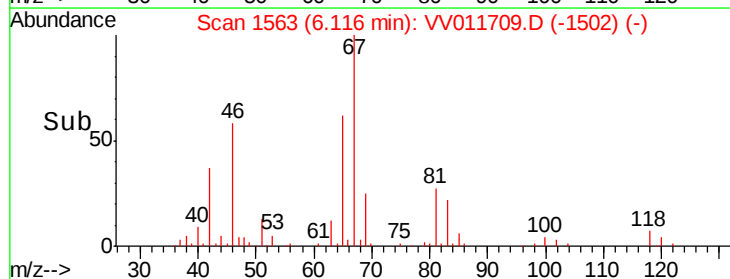
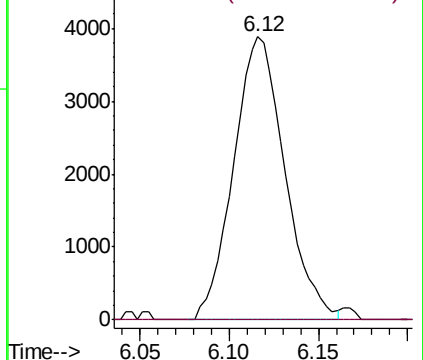
63 100

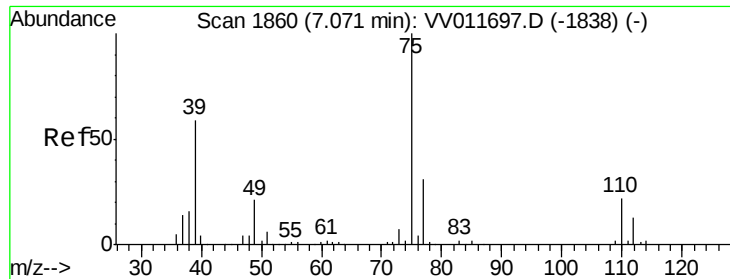
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV011709.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV011709.D (-1502) (-)

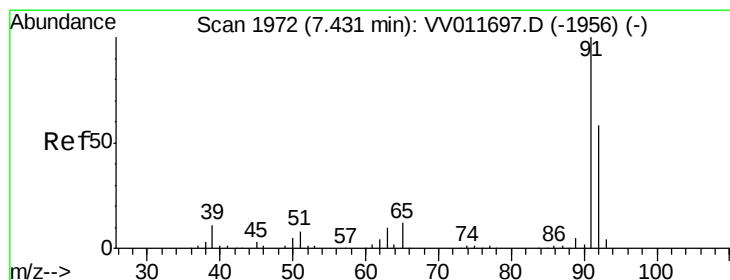
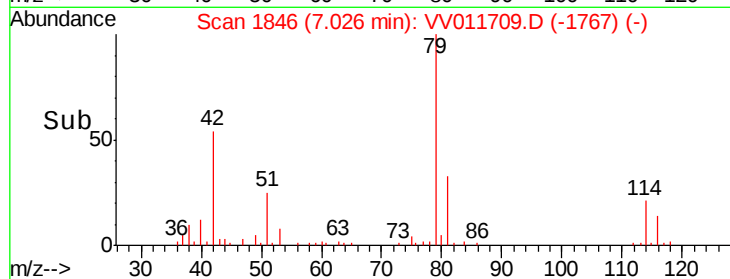
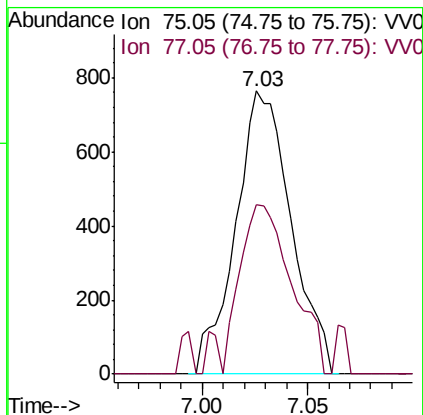
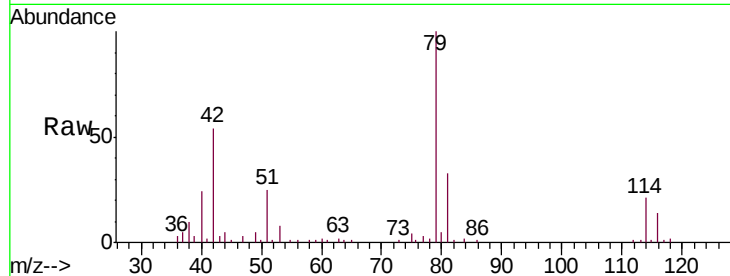




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011709.D
 Acq: 22 Jun 2019 02:34

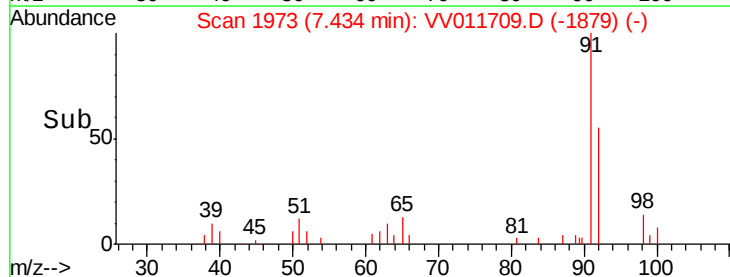
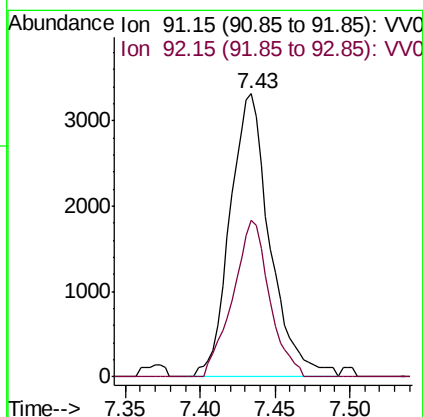
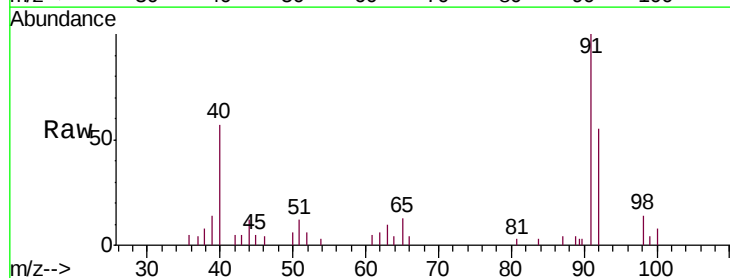
Instrument :
 MSVOA_V
 ClientSampleId :
 YAP02

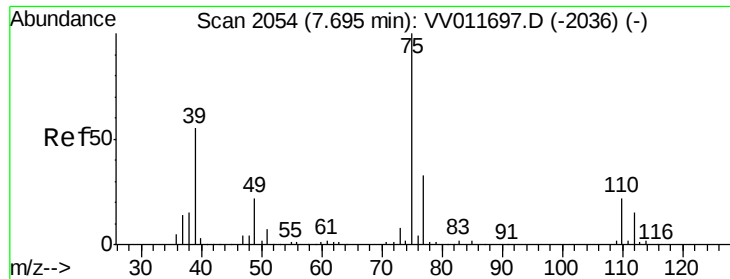
Tgt Ion: 75 Resp: 1404
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.4 41.6#



#42
 Toluene
 Concen: 0.120 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV011709.D
 Acq: 22 Jun 2019 02:34

Tgt Ion: 91 Resp: 6159
 Ion Ratio Lower Upper
 91 100
 92 55.3 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: VV011709.D

Acq: 22 Jun 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

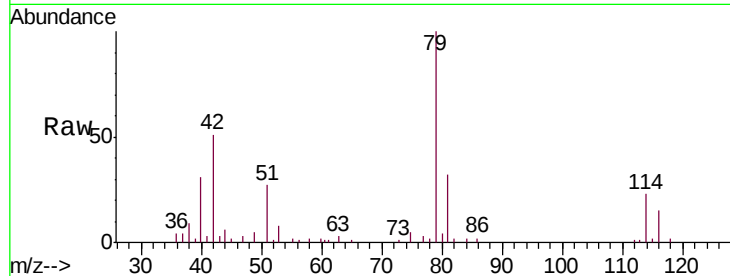
YAP02

Tgt Ion: 75 Resp: 1031

Ion Ratio Lower Upper

75 100

77 55.4 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) (-)

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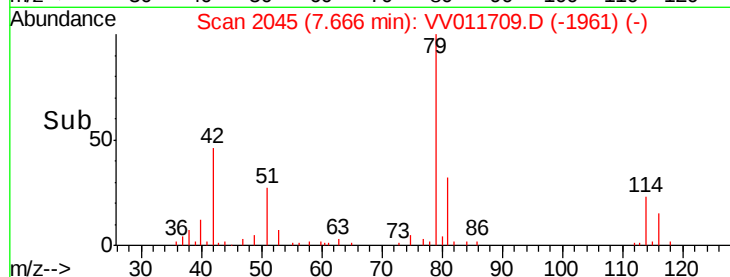
7.67

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#48

2-Hexanone

Concen: 3.096 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011709.D

Acq: 22 Jun 2019 02:34

Tgt Ion: 43 Resp: 16977

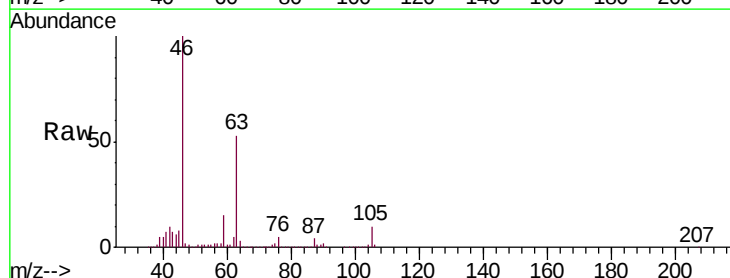
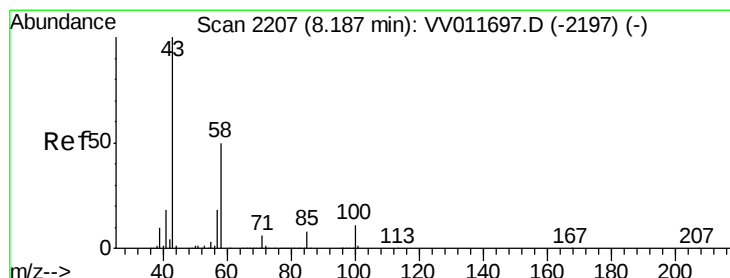
Ion Ratio Lower Upper

43 100

58 27.8 40.1 60.1#

57 26.9 14.4 21.6#

100 1.8 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011697.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011697.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011697.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011697.D (-2197) (-)

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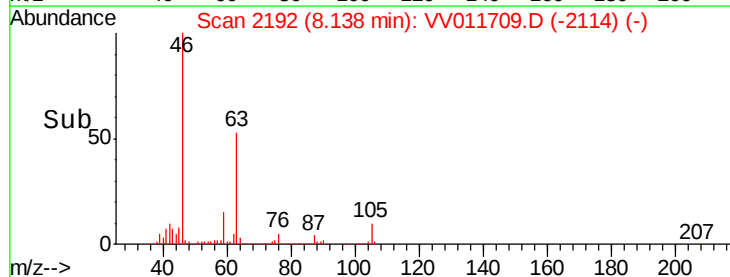
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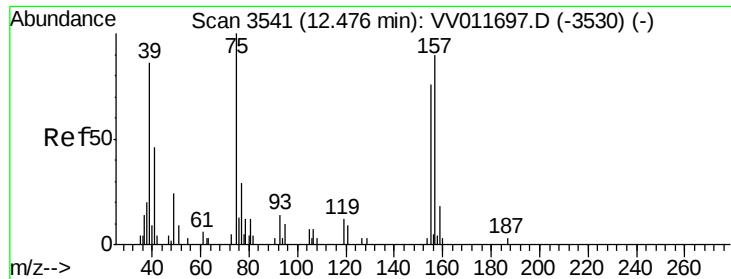
8.14

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#66

1,2-Dibromo-3-chloropropane

Concen: 0.174 ug/L

RT: 12.30 min Scan# 3485

Delta R.T. -0.18 min

Lab File: VV011709.D

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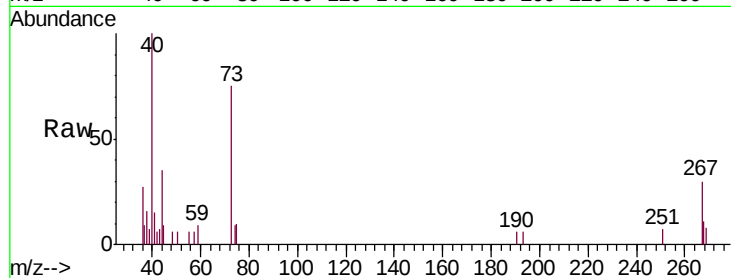
Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.0#

157 0.0 77.5 116.3#



Abundance Ion 75.05 (74.75 to 75.75): VV011709.D (-3448) (-)

Ion 154.95 (154.65 to 155.65): VV011709.D (-3448) (-)

Ion 156.90 (156.60 to 157.60): VV011709.D (-3448) (-)

