

Data File : VV011707.D
Acq On : 22 Jun 2019 01:43
Operator : SY/MD
Sample : K3479-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP03

Quant Time: Jun 24 05:48:53 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	123718	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39041	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	33582	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.12	63	65325	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.97	46	149576	69.15	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.30%#
24) Chloroform-d	4.40	84	90834	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.20%
26) 1,2-Dichloroethane-d4	5.08	65	54608	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.09	84	184066	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.12	67	58988	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.36	98	154306	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	17278	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	113163	67.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.50%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43757	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	55797	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

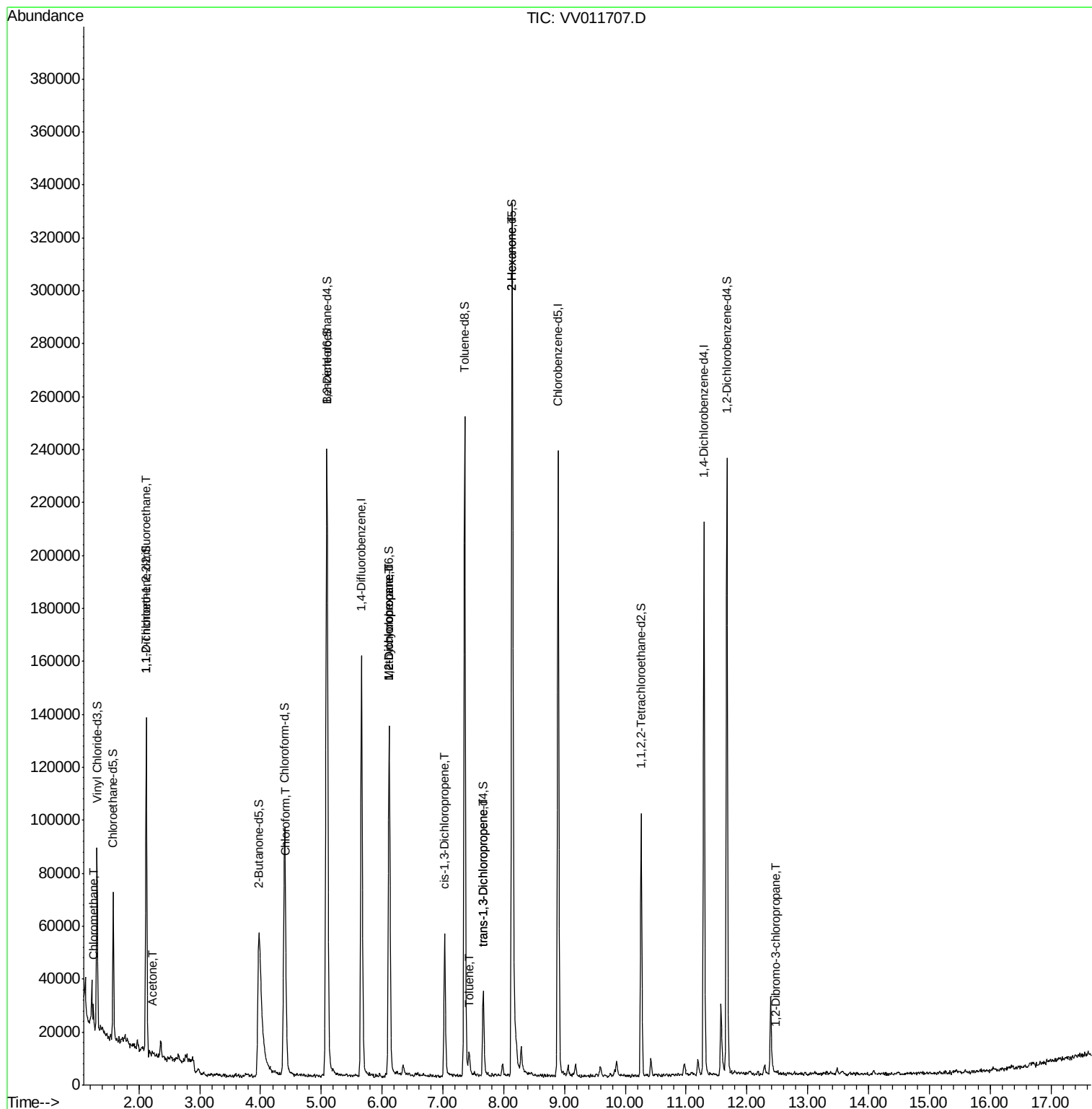
					Qvalue	
3) Chloromethane	1.25	50	4776	0.409	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	675	0.080	ug/L #	25
13) Acetone	2.23	43	2910	1.862	ug/L	99
25) Chloroform	4.42	83	4874	0.248	ug/L	90
35) Methylcyclohexane	6.12	83	14184	0.843	ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7018	0.703	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1374	0.105	ug/L #	62
42) Toluene	7.43	91	5337	0.130	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	857	0.088	ug/L #	80
48) 2-Hexanone	8.14	43	15835	3.598	ug/L #	75
66) 1,2-Dibromo-3-chloropropan	12.49	75	82	0.090	ug/L #	6

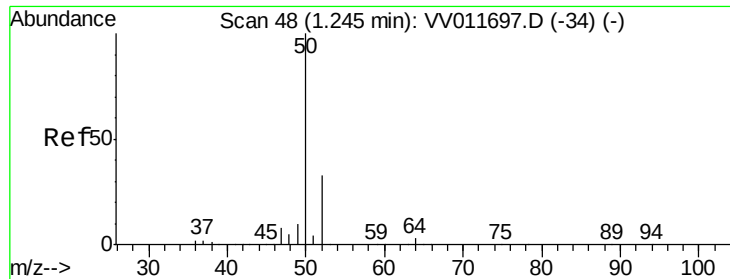
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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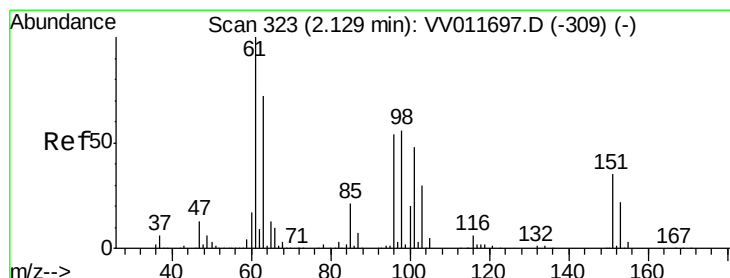
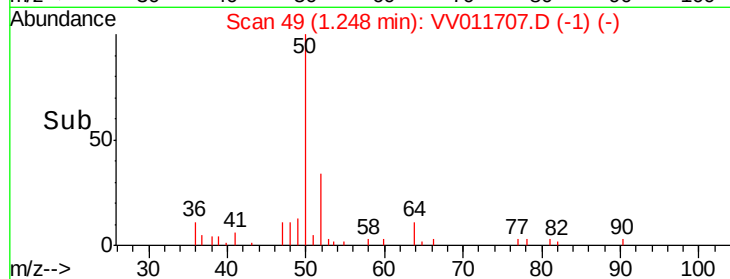
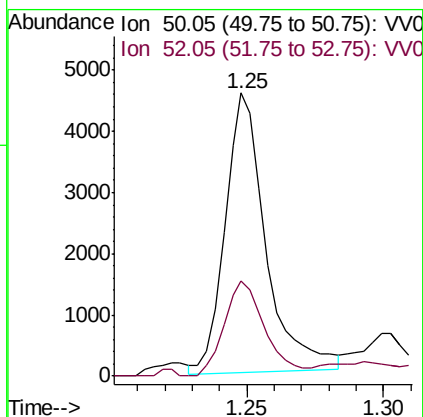
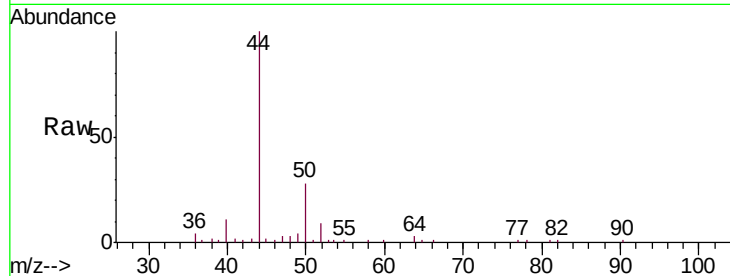




#3
Chloromethane
Concen: 0.409 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

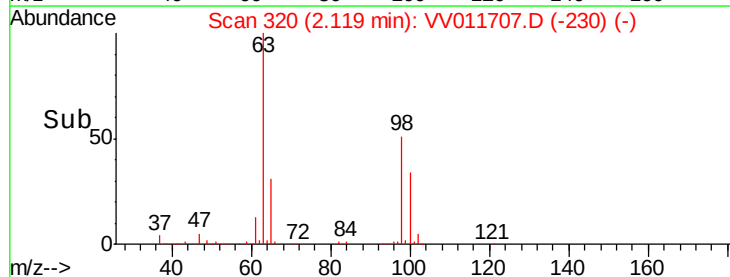
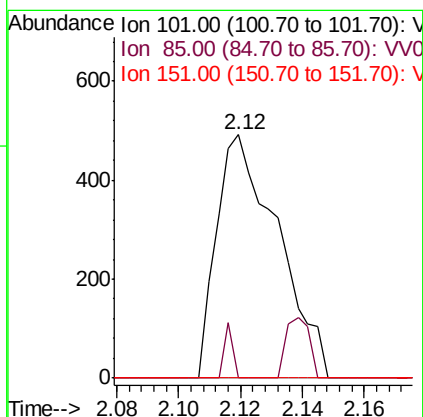
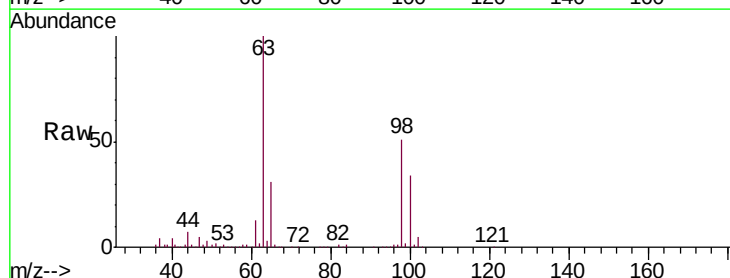
Instrument :
MSVOA_V
ClientSampleId :
YAP03

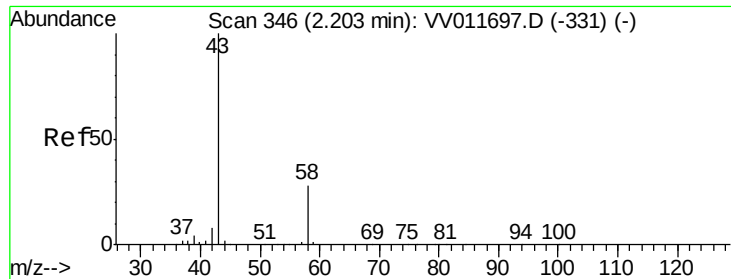
Tgt Ion: 50 Resp: 4776
Ion Ratio Lower Upper
50 100
52 33.5 22.0 40.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

Tgt Ion: 101 Resp: 675
Ion Ratio Lower Upper
101 100
85 3.3 35.9 53.9#
151 3.0 57.4 86.2#





#13

Acetone

Concen: 1.862 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.03 min

Lab File: VV011707.D

Acq: 22 Jun 2019 01:43

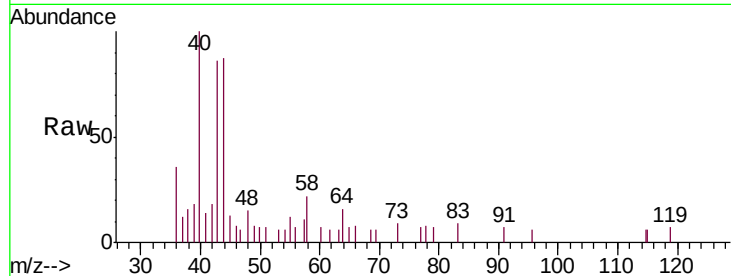
Instrument :
MSVOA_V
ClientSampleId :
YAP03

Tgt Ion: 43 Resp: 2910

Ion Ratio Lower Upper

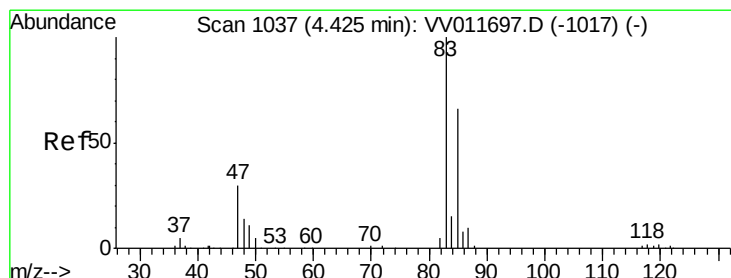
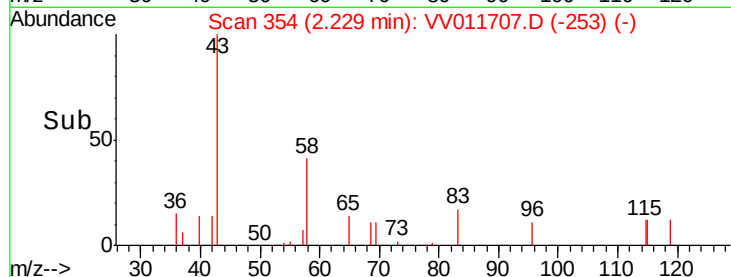
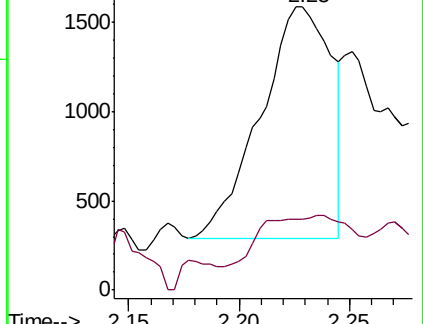
43 100

58 27.6 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011697.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV011697.D (-331) (-)



#25

Chloroform

Concen: 0.248 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011707.D

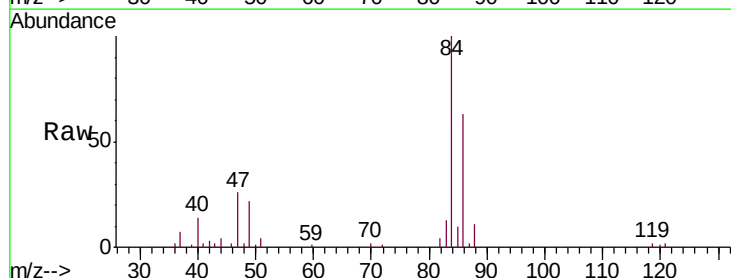
Acq: 22 Jun 2019 01:43

Tgt Ion: 83 Resp: 4874

Ion Ratio Lower Upper

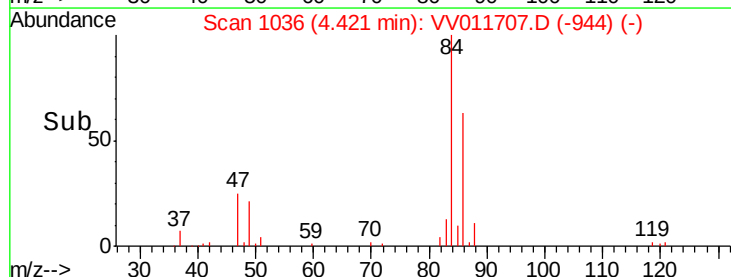
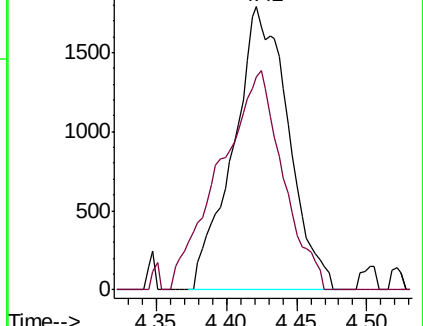
83 100

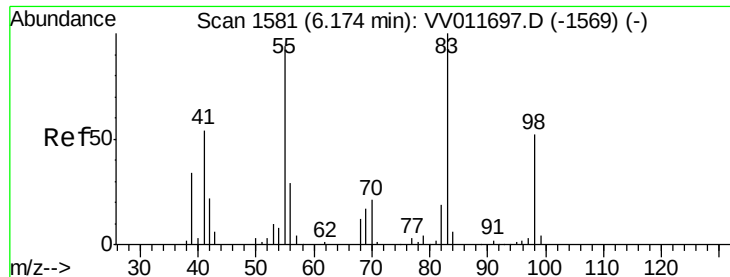
85 75.3 47.0 87.2



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

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

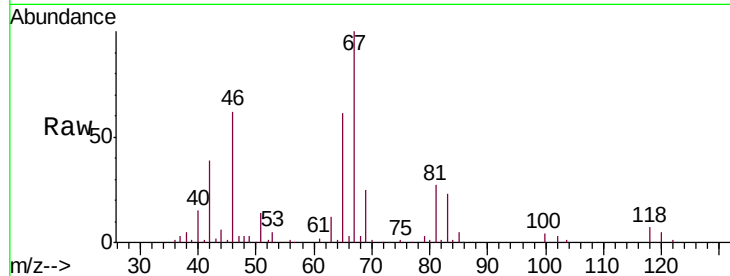




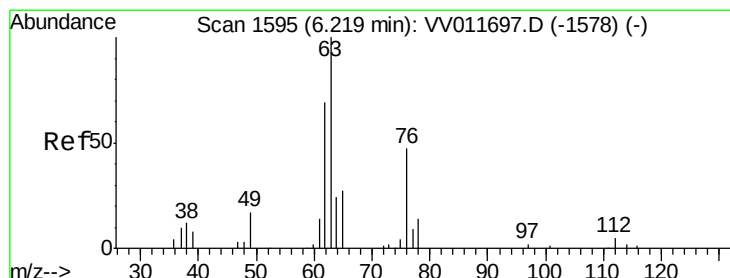
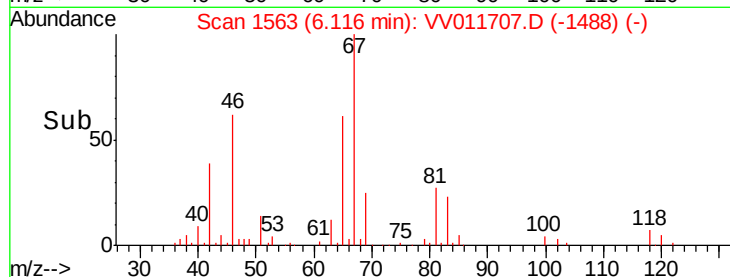
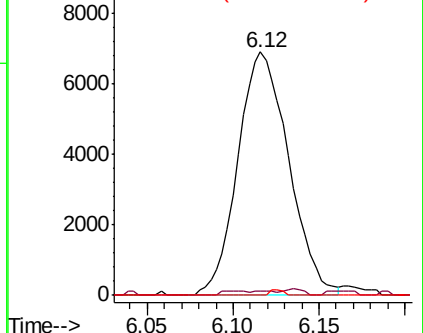
#35
Methylcyclohexane
Concen: 0.843 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

Instrument :
MSVOA_V
ClientSampleId :
YAP03

Tgt Ion: 83 Resp: 14184
Ion Ratio Lower Upper
83 100
55 0.6 69.4 104.2#
98 0.0 40.2 60.4#

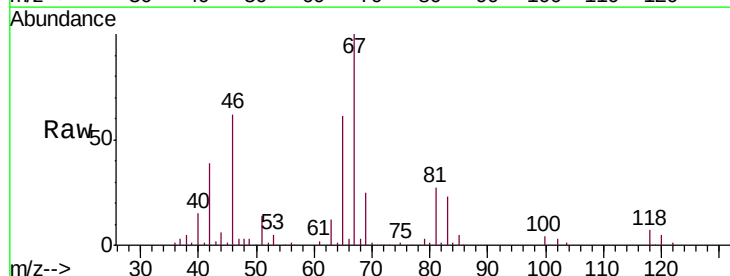


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

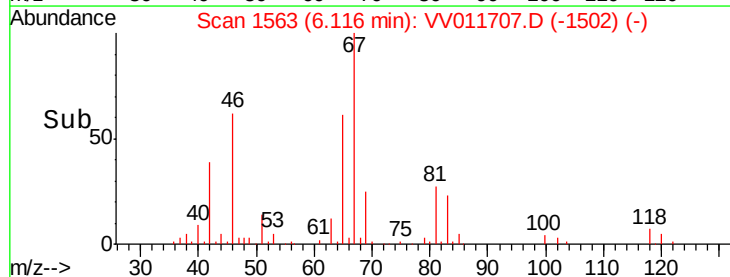
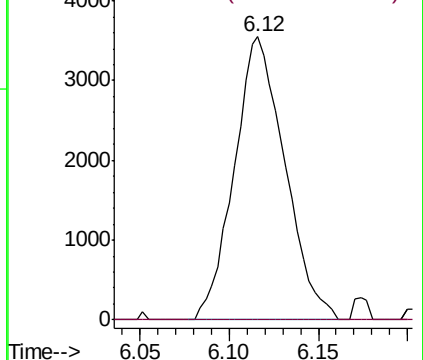


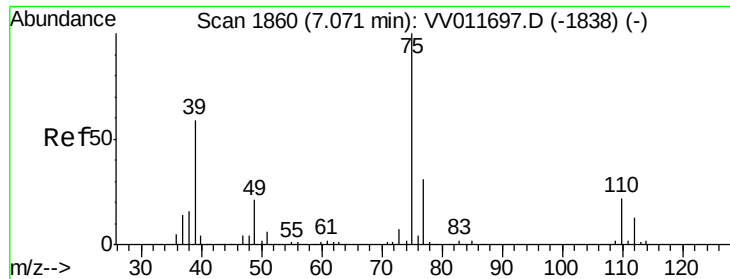
#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

Tgt Ion: 63 Resp: 7018
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

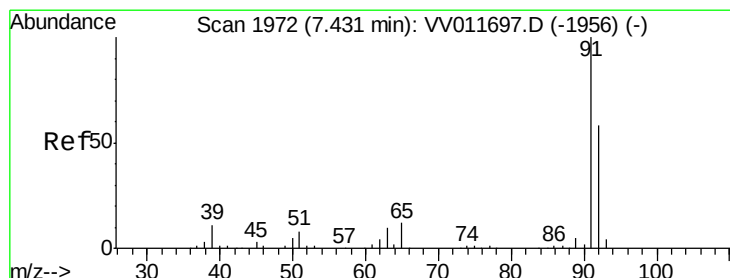
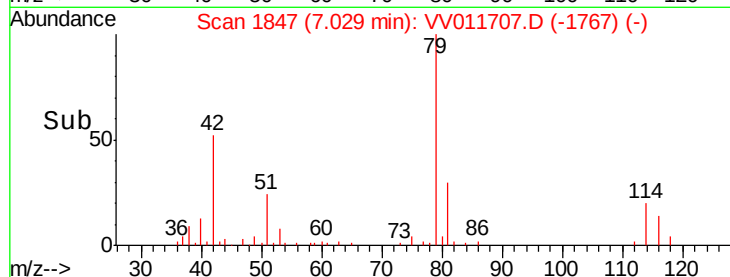
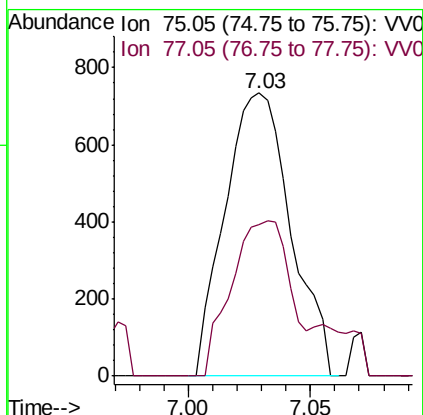
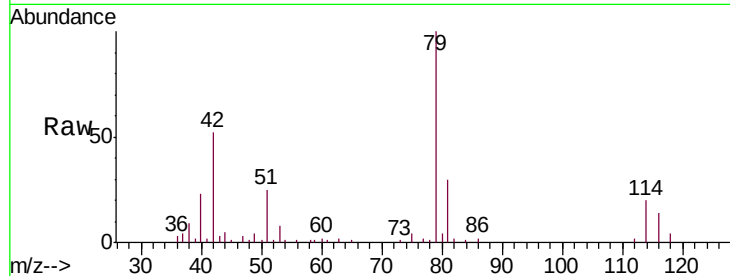




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011707.D
 Acq: 22 Jun 2019 01:43

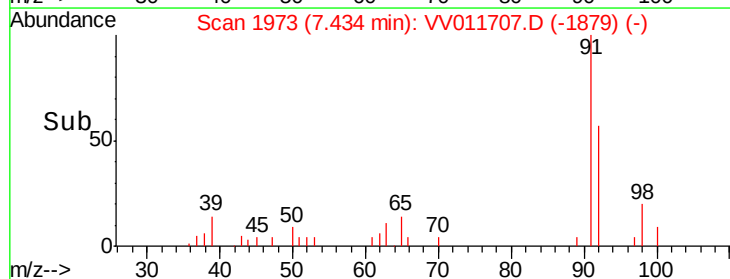
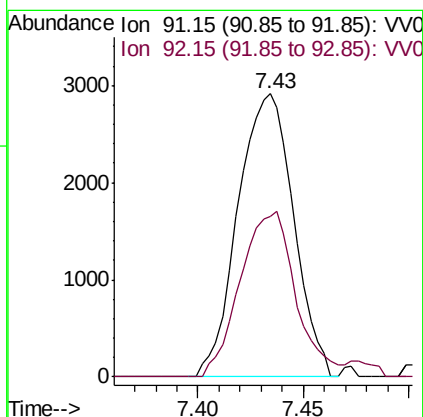
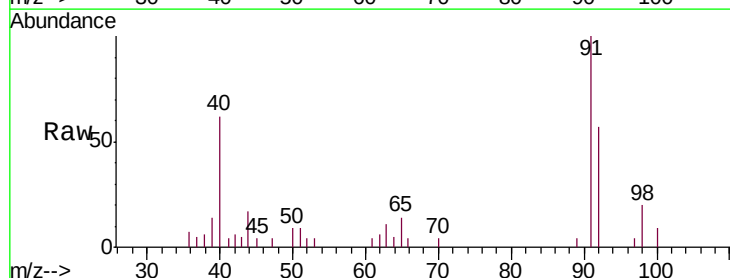
Instrument :
 MSVOA_V
 ClientSampled :
 YAP03

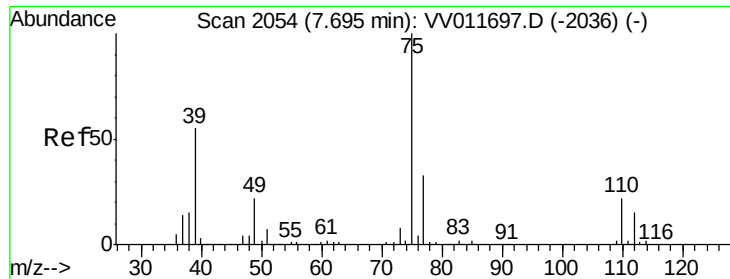
Tgt Ion: 75 Resp: 1374
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.4 41.6#



#42
 Toluene
 Concen: 0.130 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV011707.D
 Acq: 22 Jun 2019 01:43

Tgt Ion: 91 Resp: 5337
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.3 74.9

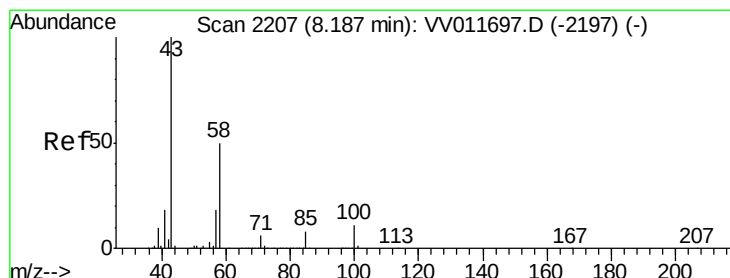
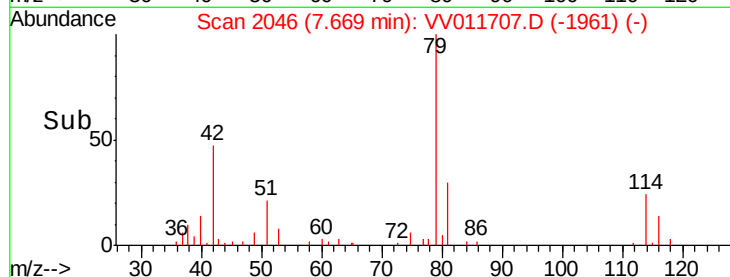
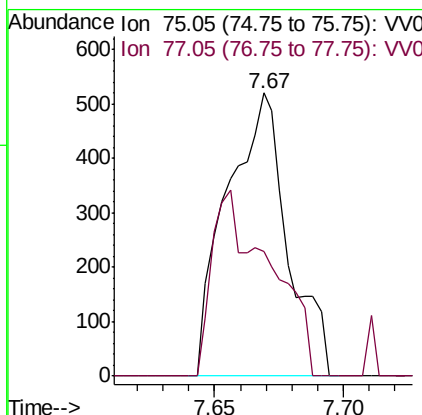
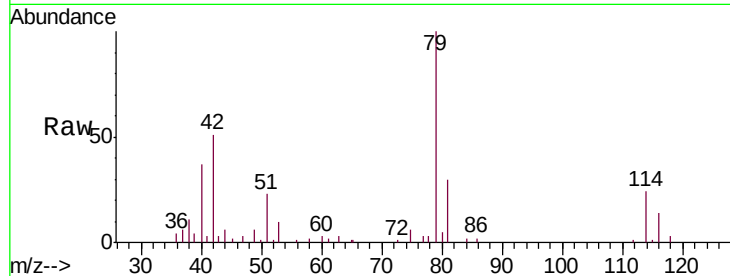




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

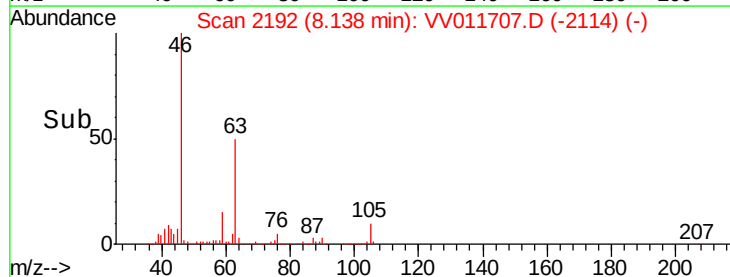
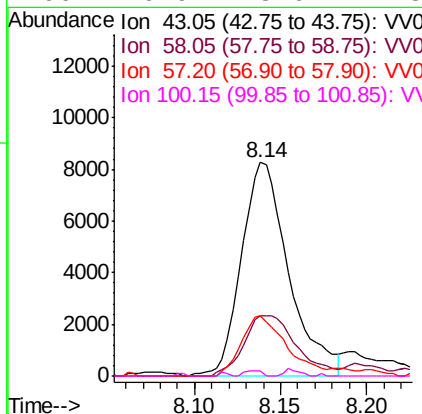
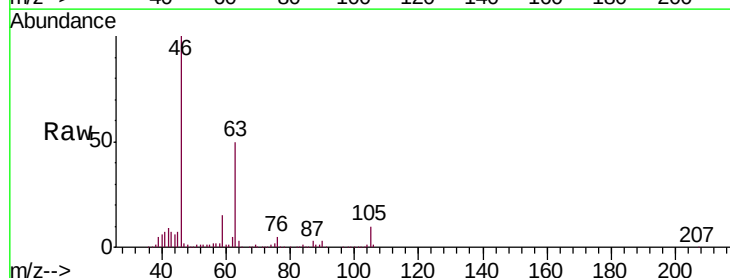
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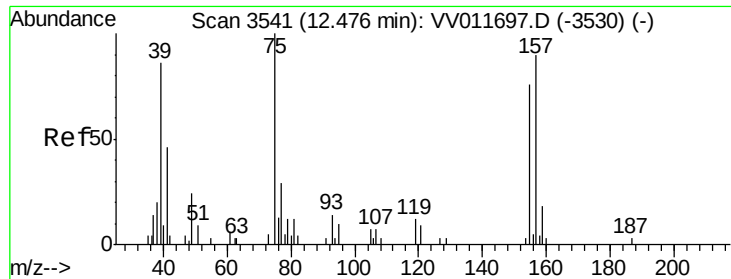
Tgt Ion: 75 Resp: 857
Ion Ratio Lower Upper
75 100
77 43.8 22.7 42.1#



#48
2-Hexanone
Concen: 3.598 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011707.D
Acq: 22 Jun 2019 01:43

Tgt Ion: 43 Resp: 15835
Ion Ratio Lower Upper
43 100
58 31.3 40.1 60.1#
57 26.6 14.4 21.6#
100 0.9 8.6 12.8#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.090 ug/L

RT: 12.49 min Scan# 3545

Delta R.T. 0.01 min

Lab File: VV011707.D

Acq: 22 Jun 2019 01:43

Instrument :

MSVOA_V

ClientSampleId :

YAP03

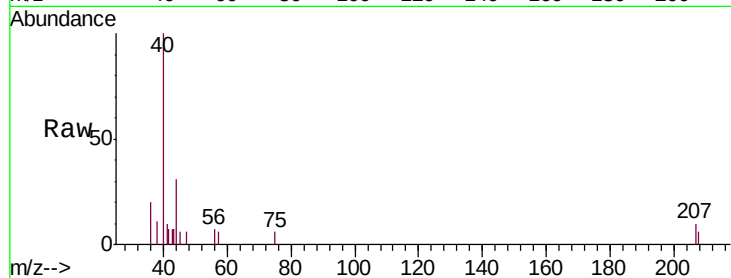
Tgt Ion: 75 Resp: 82

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): VV0

150 Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

