

Data File : VV010709.D
Acq On : 07 May 2019 23:34
Operator : SY/MD
Sample : K2633-18
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJB0

Quant Time: May 08 03:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	33029	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	41080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17551	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3919	7.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.56%
7) Chloroethane-d5	1.57	69	5771	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
10) 1,1-Dichloroethene-d2	2.13	63	7199	6.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.88%#
20) 2-Butanone-d5	3.94	46	13079	84.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.90%#
24) Chloroform-d	4.40	84	23285	25.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.44%
26) 1,2-Dichloroethane-d4	5.08	65	20369	36.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.88%#
29) Benzene-d6	5.10	84	39179	18.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.48%
33) 1,2-Dichloropropane-d6	6.12	67	17767	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	7.36	98	35025	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.68%
38) trans-1,3-Dichloropropene-	7.66	79	6728	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.13	63	8792	60.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19695	30.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	17257	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds

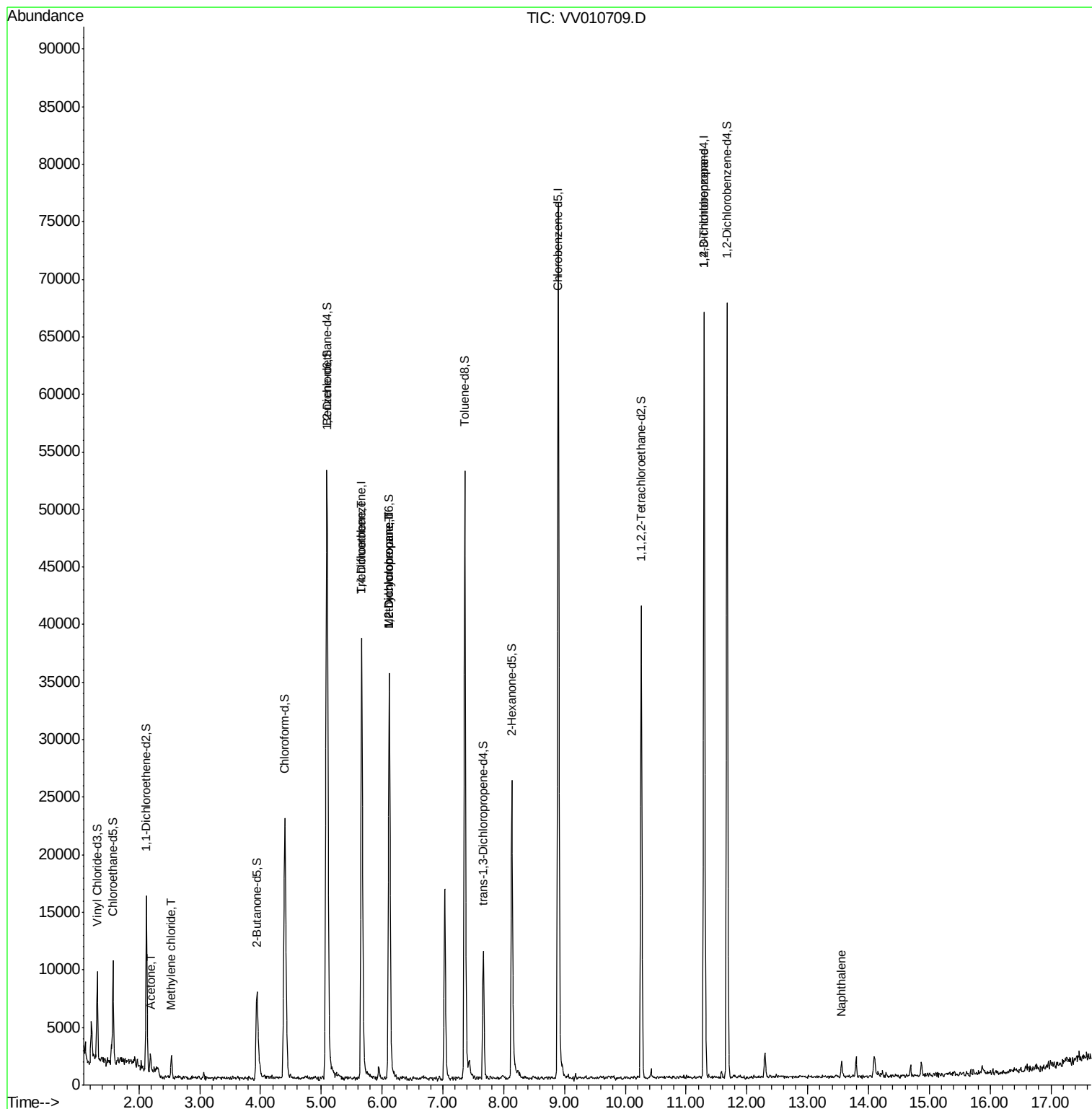
					Qvalue
13) Acetone	2.19	43	1099	4.610	ug/L 100
16) Methylene chloride	2.53	84	827	1.619	ug/L 77
35) Trichloroethene	5.66	95	629	0.931	ug/L # 7
36) Methylcyclohexane	6.12	83	4015	3.709	ug/L # 18
40) 1,2-Dichloropropane	6.12	63	1990	3.102	ug/L # 87
59) 1,2,3-Trichloropropane	11.30	75	2468	4.580	ug/L 91
69) Naphthalene	13.55	128	1746	1.198	ug/L # 74

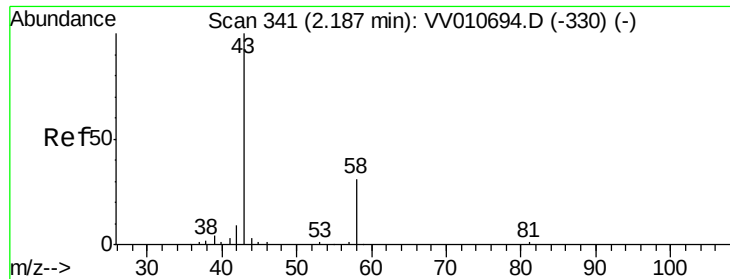
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.610 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

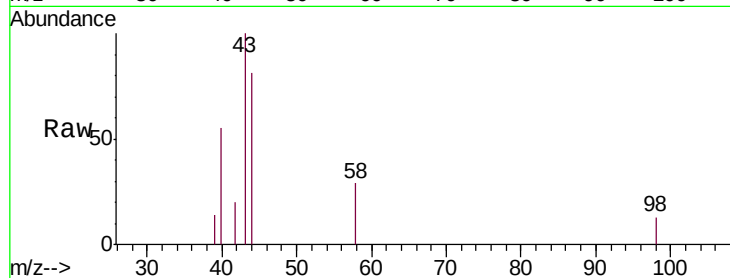
GAJB0

Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

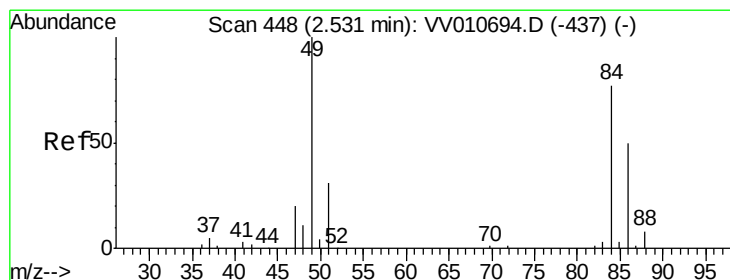
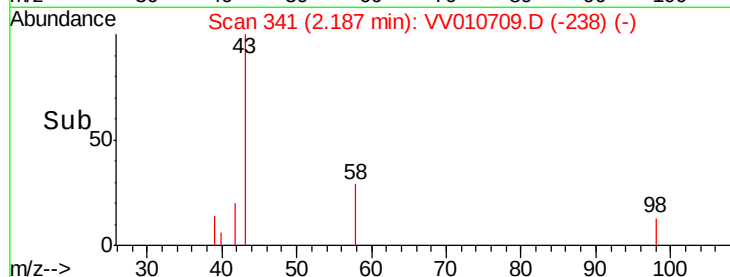
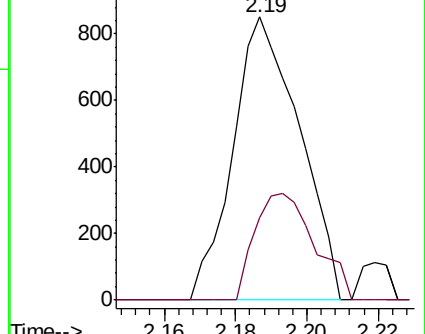
43 100

58 31.8 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010709.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010709.D (-238) (-)



#16

Methylene chloride

Concen: 1.619 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV010709.D

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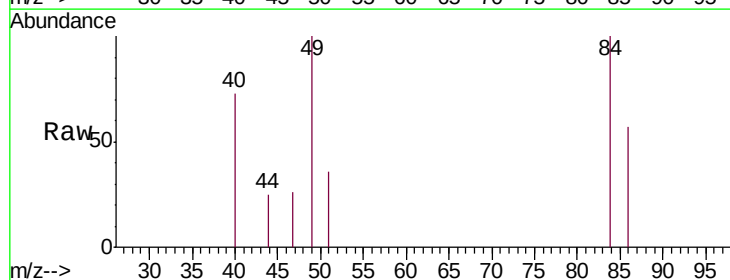
Tgt Ion: 84 Resp: 827

Ion Ratio Lower Upper

84 100

49 99.5 92.9 172.5

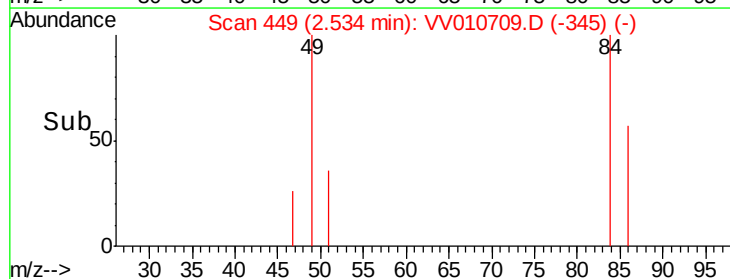
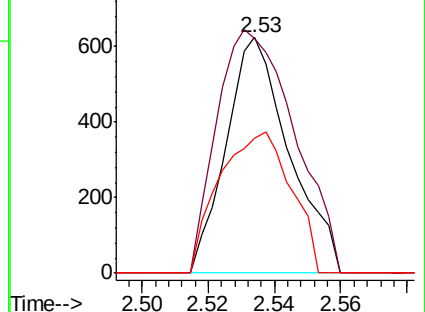
86 57.4 46.5 86.5

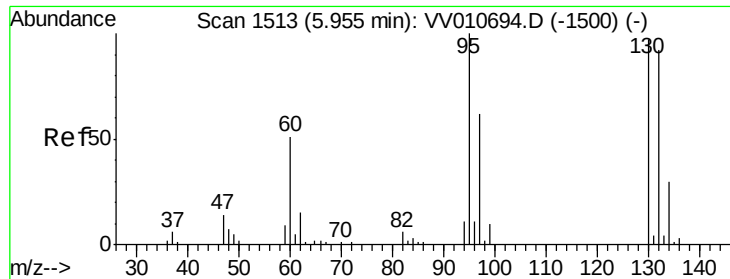


Abundance Ion 84.00 (83.70 to 84.70): VV010709.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV010709.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV010709.D (-345) (-)





#35

Trichloroethene

Concen: 0.931 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV010709.D

Acq: 07 May 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

GAJB0

Tgt Ion: 95 Resp: 629

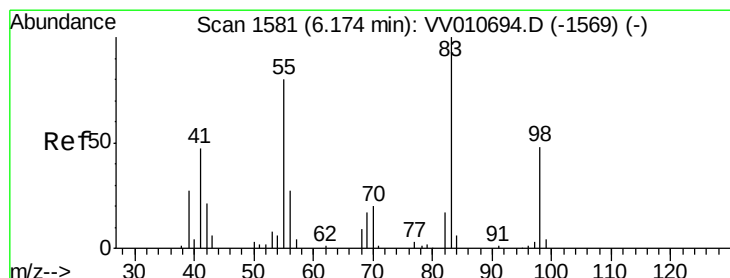
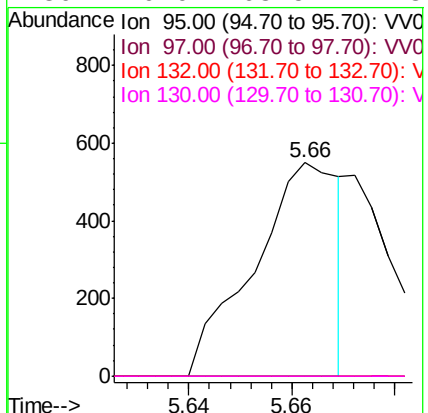
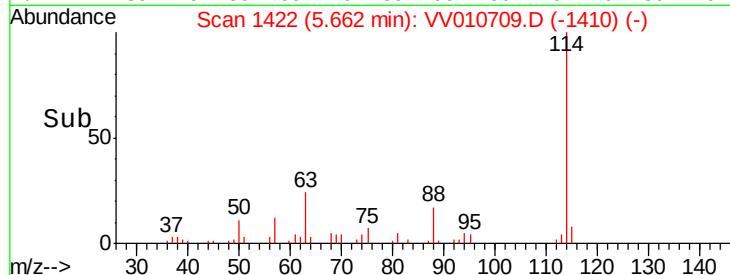
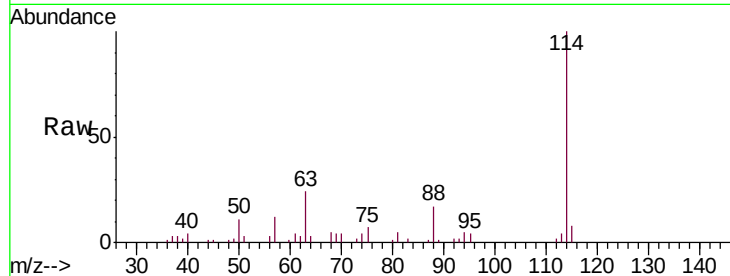
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.709 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010709.D

Acq: 07 May 2019 23:34

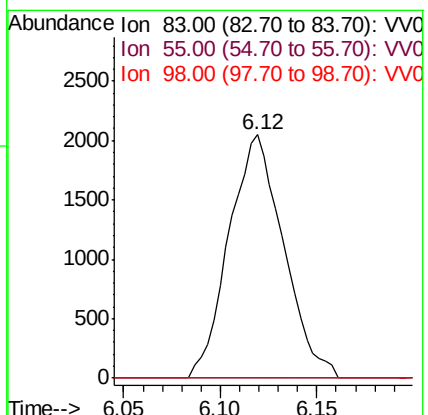
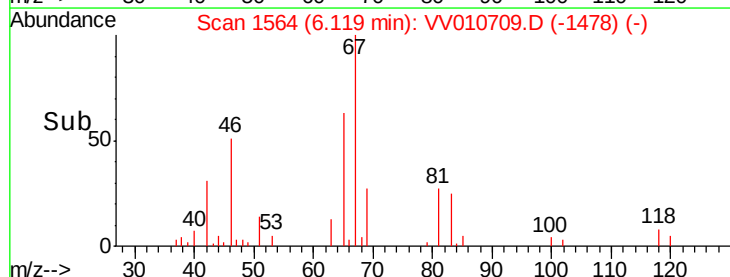
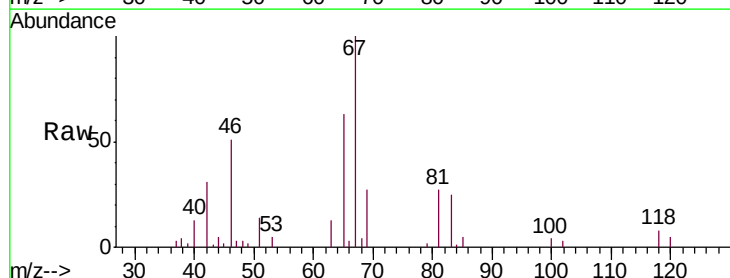
Tgt Ion: 83 Resp: 4015

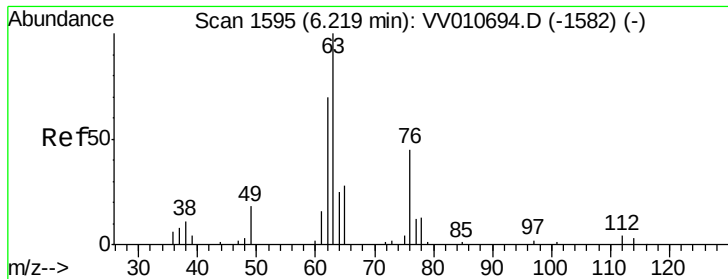
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 3.5 37.7 56.5#

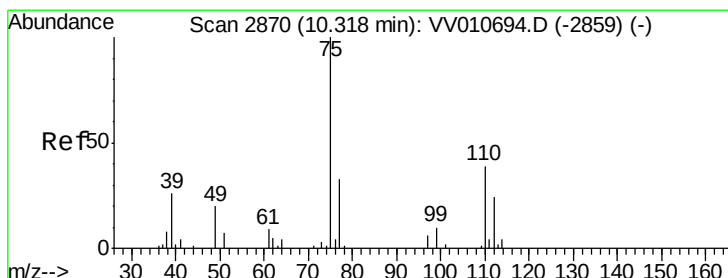
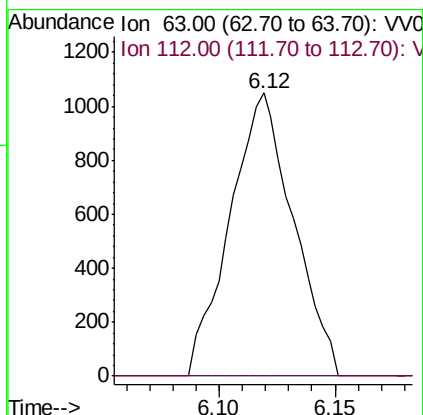
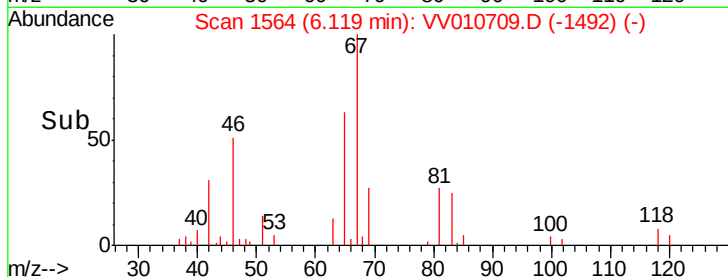
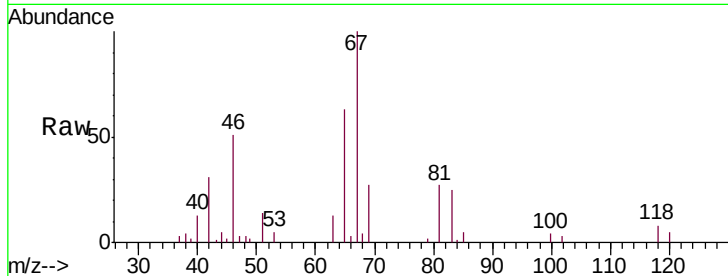




#40
 1,2-Dichloropropane
 Concen: 3.102 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010709.D
 Acq: 07 May 2019 23:34

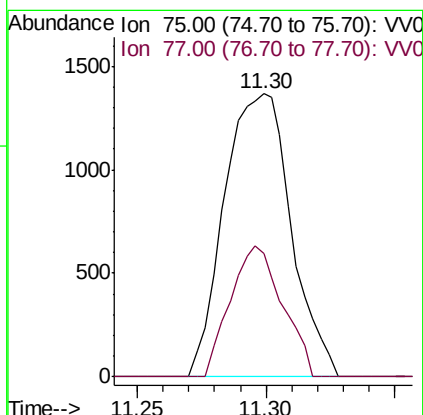
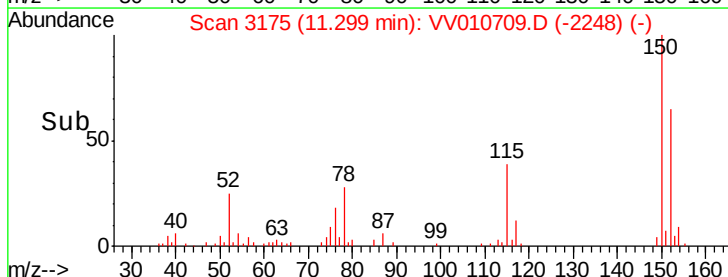
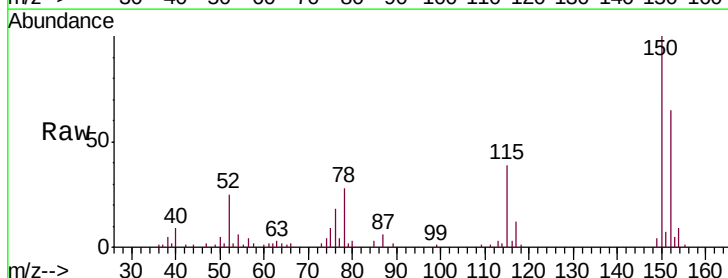
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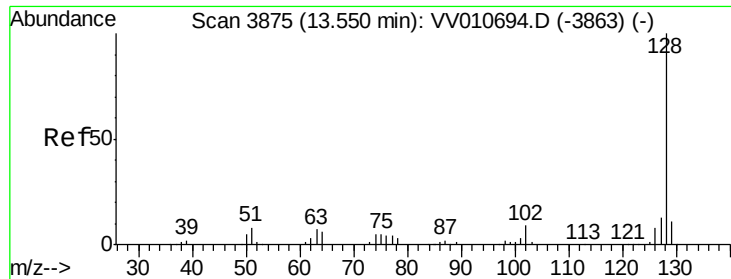
Tgt Ion: 63 Resp: 1990
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.580 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010709.D
 Acq: 07 May 2019 23:34

Tgt Ion: 75 Resp: 2468
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.0 37.6





#69

Naphthalene

Concen: 1.198 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010709.D

Acq: 07 May 2019 23:34

Instrument :

MSVOA_V

ClientSampleId :

GAJB0

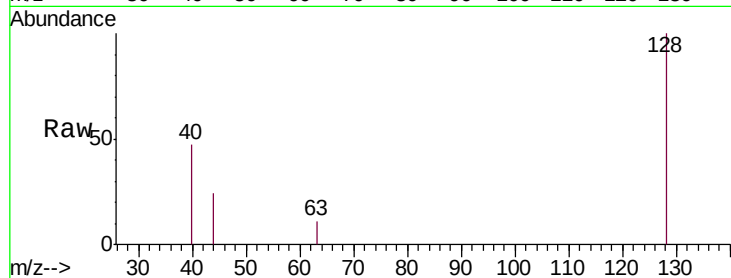
Tgt Ion:128 Resp: 1746

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 3.6 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

1500 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

