

Data File : VV010732.D
Acq On : 08 May 2019 17:56
Operator : SY/MD
Sample : K2633-07RE
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ99RE

Quant Time: May 09 02:59:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	21644	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	21046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	6358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7900	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	1.58	69	6446	23.30	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	2.13	63	12187	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	3.95	46	2510	24.88	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.76%
24) Chloroform-d	4.40	84	6291	10.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	42.64%
26) 1,2-Dichloroethane-d4	5.09	65	8103	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	5.10	84	27344	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	6.12	67	8735	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	7.36	98	24285	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	7.67	79	2728	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.80%
39) 2-Hexanone-d5	8.14	63	1750	23.69	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6736	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	7339	29.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.20%

Target Compounds

					Qvalue
16) Methylene chloride	2.54	84	2848	8.510 ug/L	88
35) Trichloroethene	5.67	95	732	2.115 ug/L #	7
36) Methylcyclohexane	6.12	83	2181	3.932 ug/L #	17
40) 1,2-Dichloropropane	6.13	63	442	1.345 ug/L #	87
44) Toluene	7.44	91	1074	0.765 ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	1015	3.676 ug/L #	84
69) Naphthalene	13.55	128	9400	17.803 ug/L	97

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
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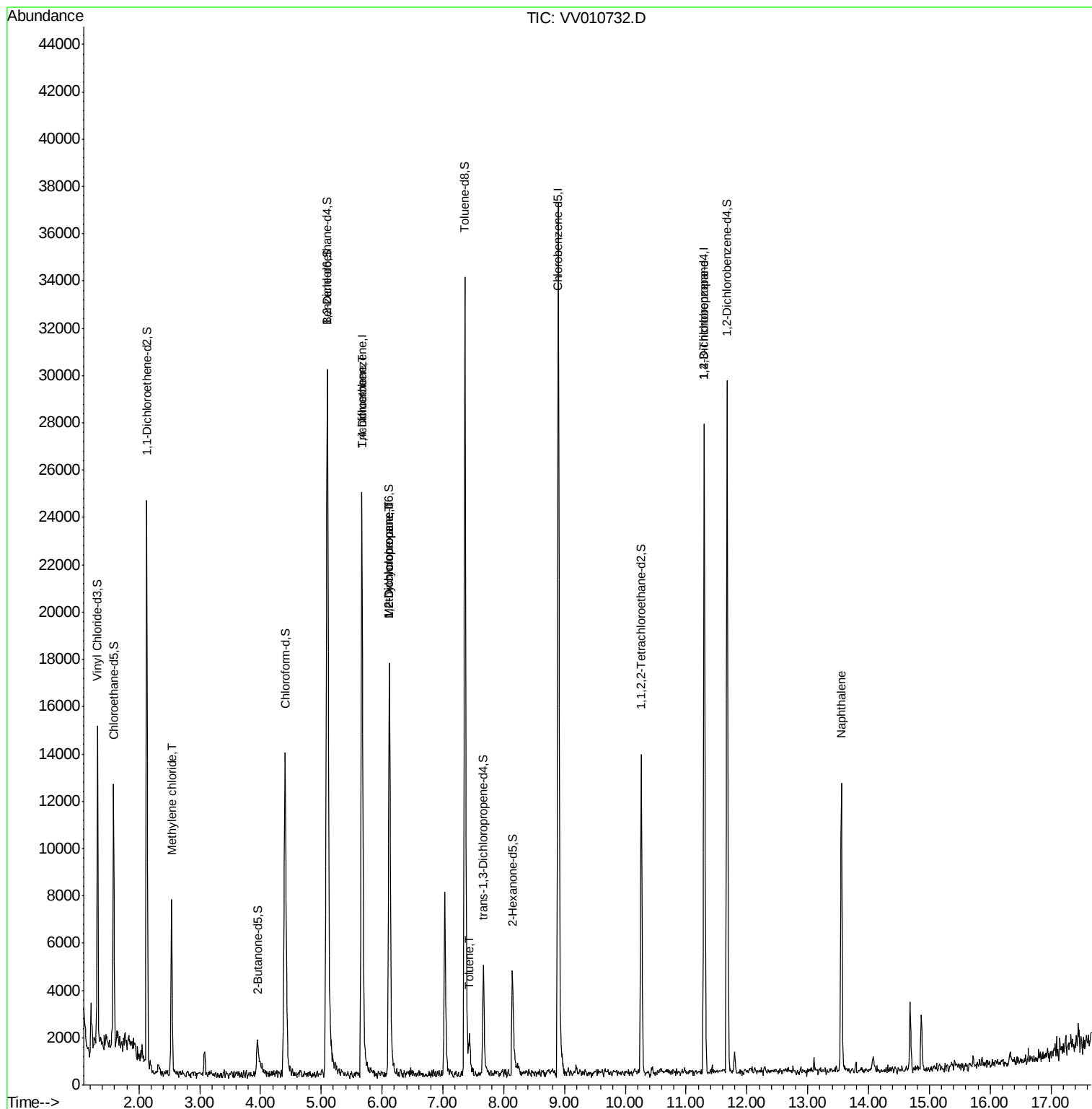
Quant Time: May 09 02:59:04 2019

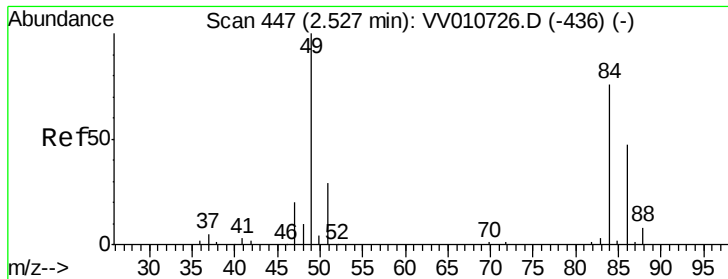
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM050719S.M

Quant Title : VOC Analysis

QLast Update : Thu May 09 02:55:09 2019

Response via : Initial Calibration

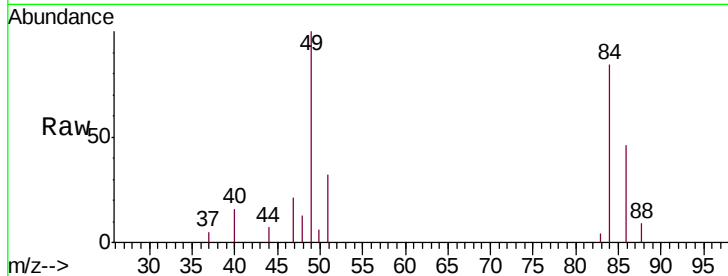




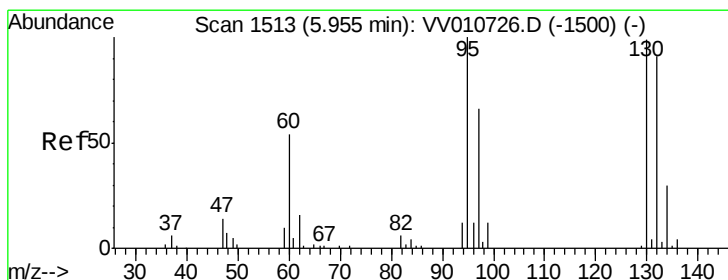
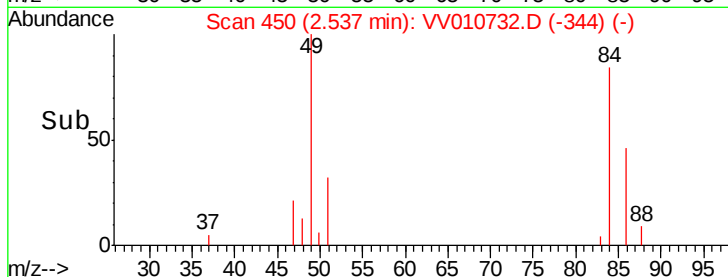
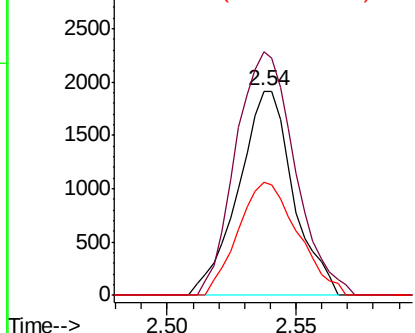
#16
Methylene chloride
Concen: 8.510 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010732.D
Acq: 08 May 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
GAJ99RE

Tgt Ion: 84 Resp: 2848
Ion Ratio Lower Upper
84 100
49 119.0 92.9 172.5
86 55.1 46.5 86.5

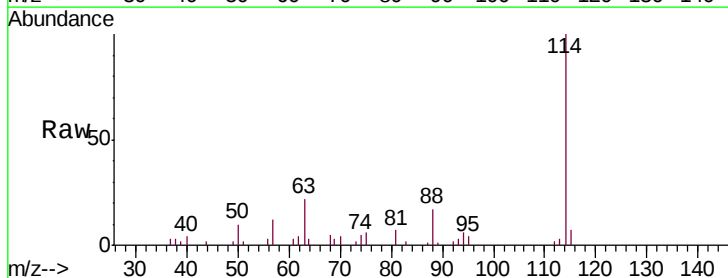


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

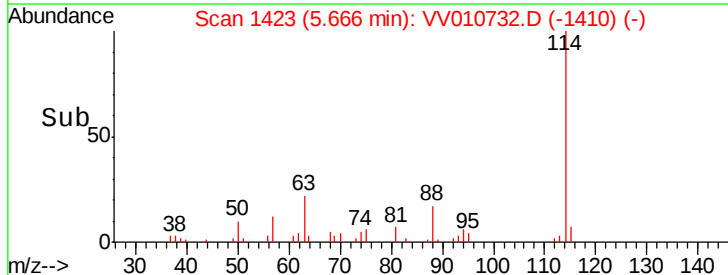
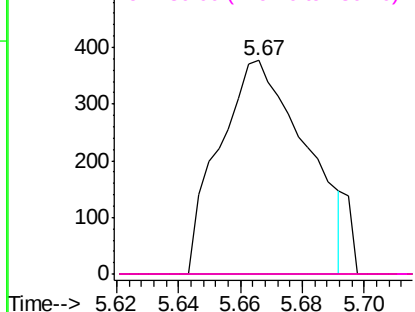


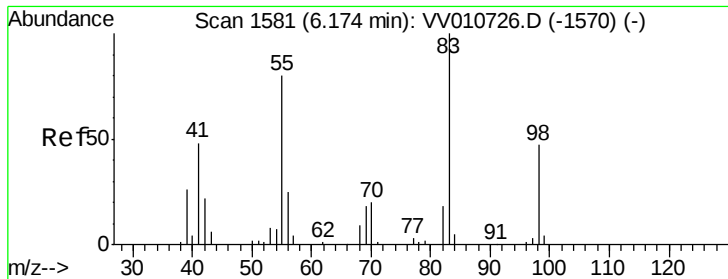
#35
Trichloroethene
Concen: 2.115 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010732.D
Acq: 08 May 2019 17:56

Tgt Ion: 95 Resp: 732
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#



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

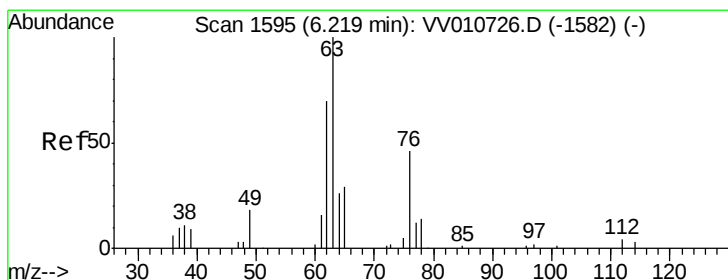
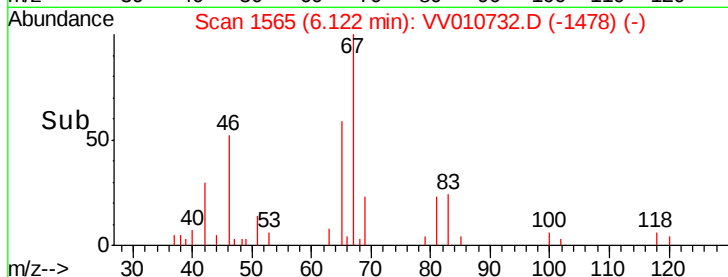
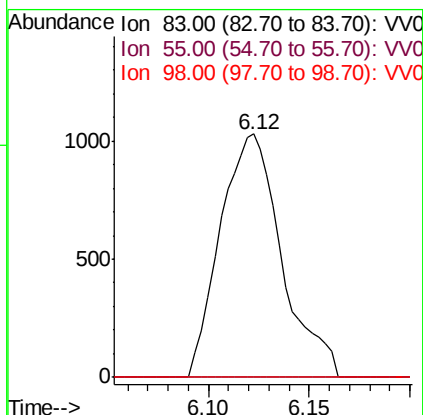
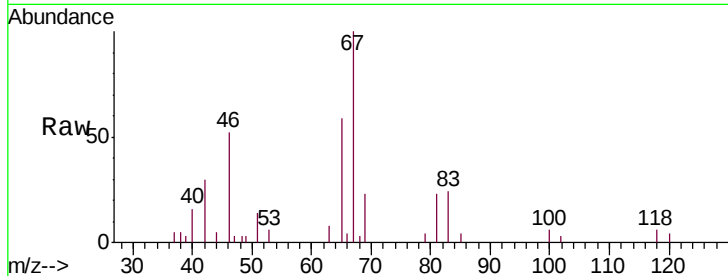




#36
Methylcyclohexane
Concen: 3.932 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV010732.D
Acq: 08 May 2019 17:56

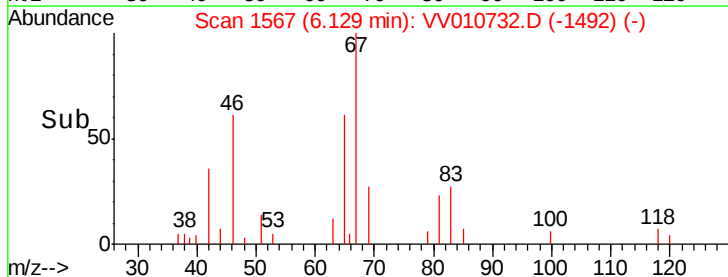
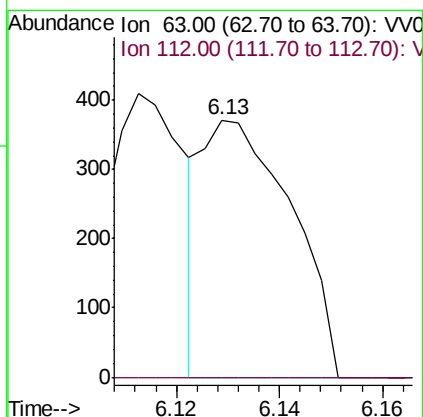
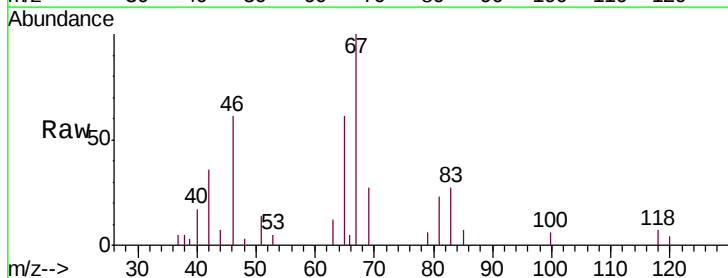
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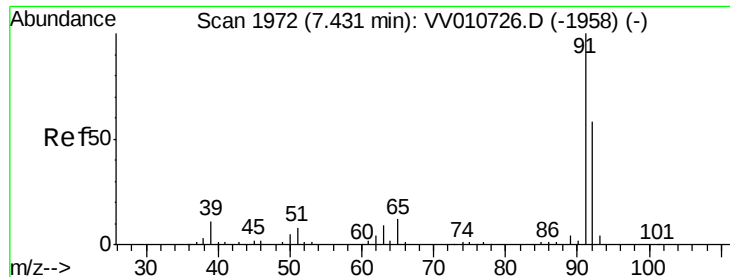
Tgt Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 1.345 ug/L
RT: 6.13 min Scan# 1567
Delta R.T. -0.09 min
Lab File: VV010732.D
Acq: 08 May 2019 17:56

Tgt Ion: 63 Resp: 442
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#44

Toluene

Concen: 0.765 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.01 min

Lab File: VV010732.D

Acq: 08 May 2019 17:56

Instrument :

MSVOA_V

ClientSampleId :

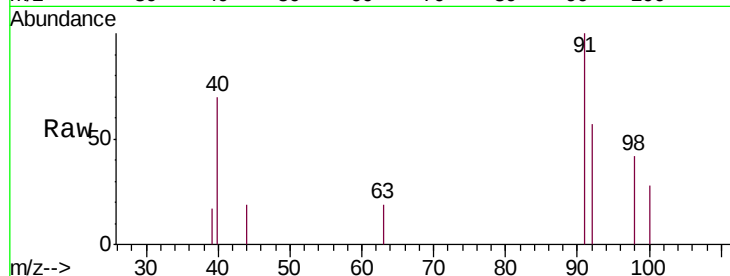
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Tgt Ion: 91 Resp: 1074

Ion Ratio Lower Upper

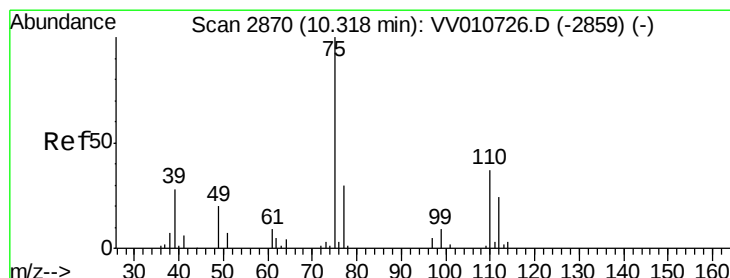
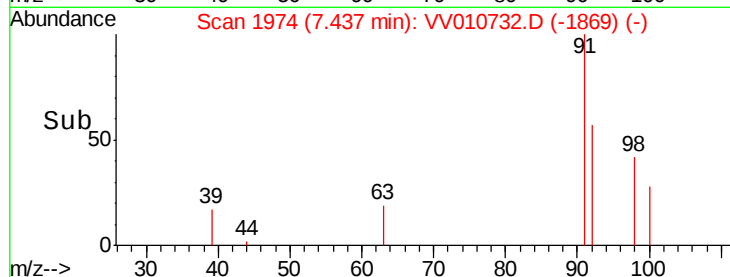
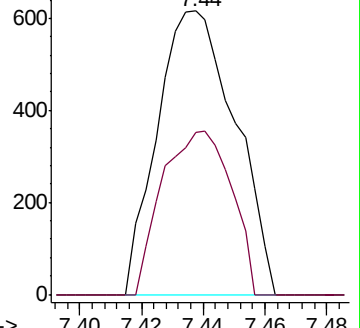
91 100

92 57.0 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010726.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010726.D (-1958) (-)



#59

1,2,3-Trichloropropane

Concen: 3.676 ug/L

RT: 11.30 min Scan# 3176

Delta R.T. 0.98 min

Lab File: VV010732.D

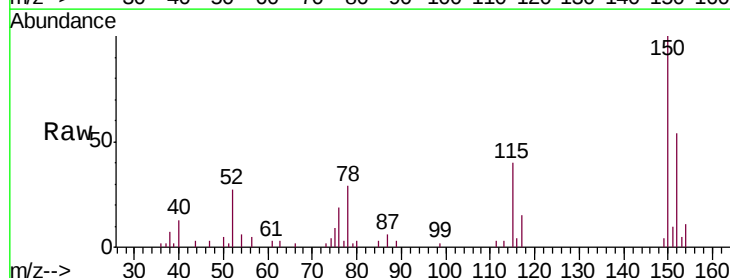
Acq: 08 May 2019 17:56

Tgt Ion: 75 Resp: 1015

Ion Ratio Lower Upper

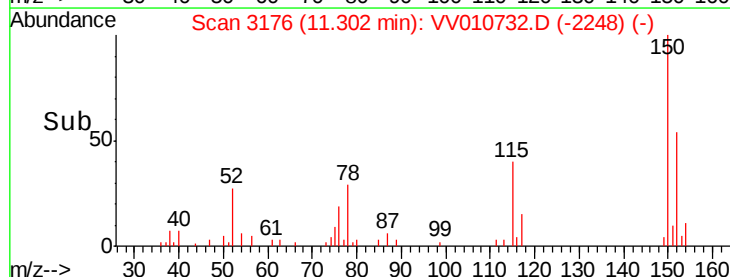
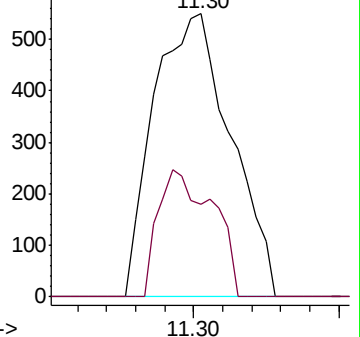
75 100

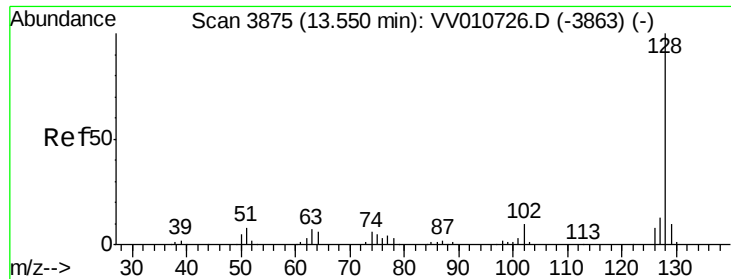
77 22.5 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010726.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010726.D (-2859) (-)





#69

Naphthalene

Concen: 17.803 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010732.D

Acq: 08 May 2019 17:56

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ClientSampleId :

GAJ99RE

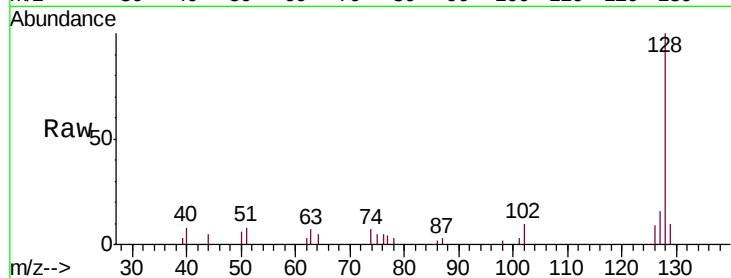
Tgt Ion:128 Resp: 9400

Ion Ratio Lower Upper

128 100

129 8.8 8.3 12.5

127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

