

Data File : VV010734.D
Acq On : 08 May 2019 18:52
Operator : SY/MD
Sample : K2633-12RE
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA4RE

Quant Time: May 09 02:59:28 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	26569	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	27131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	10364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8888	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.12%
7) Chloroethane-d5	1.58	69	7835	23.07	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	2.13	63	14719	16.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.76%
20) 2-Butanone-d5	3.95	46	4494	36.28	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.56%
24) Chloroform-d	4.40	84	17613	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.08	65	11036	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.60%
29) Benzene-d6	5.10	84	31896	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	6.12	67	11188	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	7.36	98	30134	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	7.67	79	3541	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	8.14	63	3124	32.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	9337	21.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	10405	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

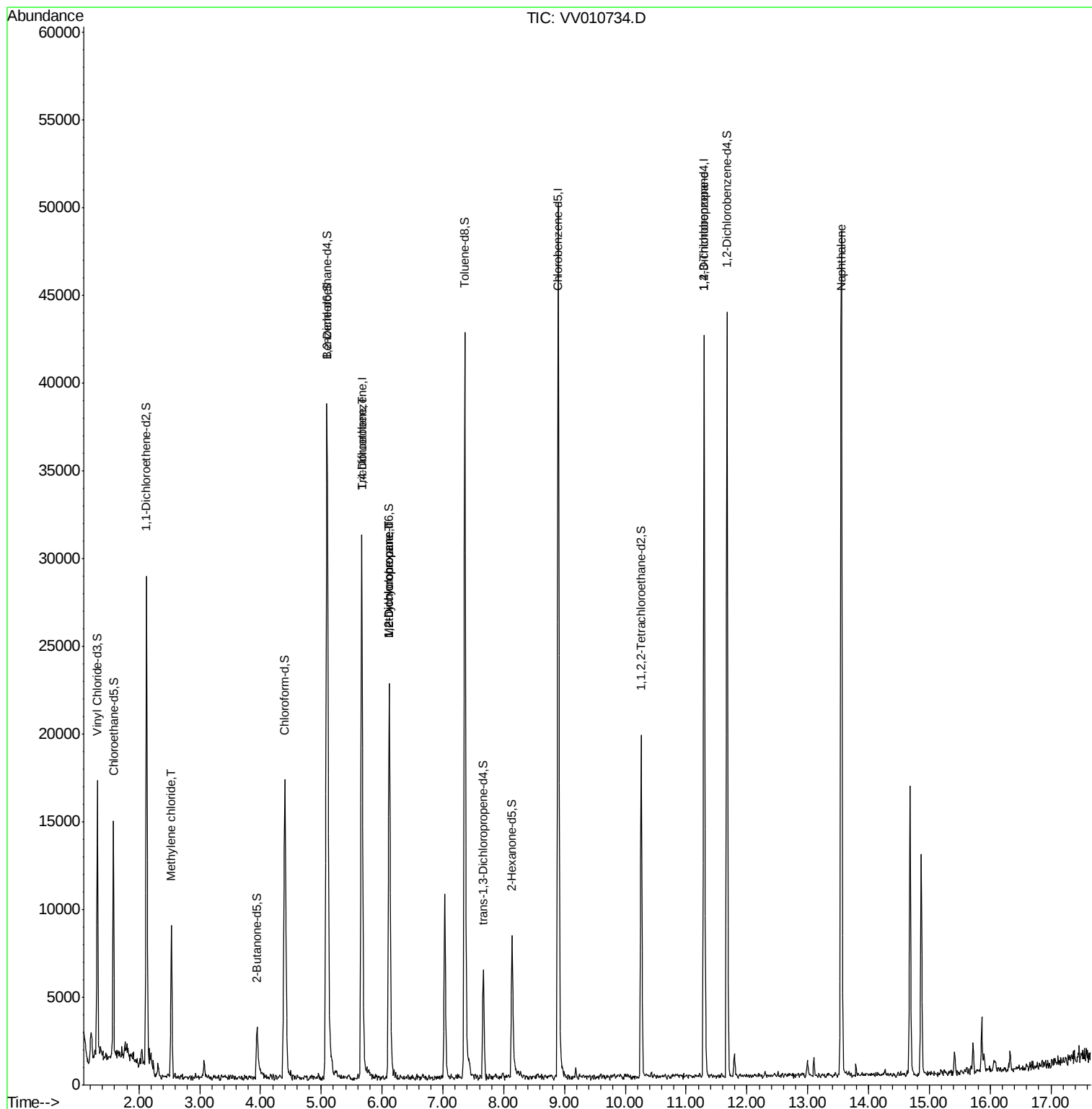
						Qvalue
16) Methylene chloride	2.53	84	3311	8.060	ug/L	95
35) Trichloroethene	5.67	95	662	1.484	ug/L #	7
36) Methylcyclohexane	6.12	83	2873	4.018	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	1463	3.453	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	1393	3.914	ug/L #	75
69) Naphthalene	13.55	128	36251	42.119	ug/L	97

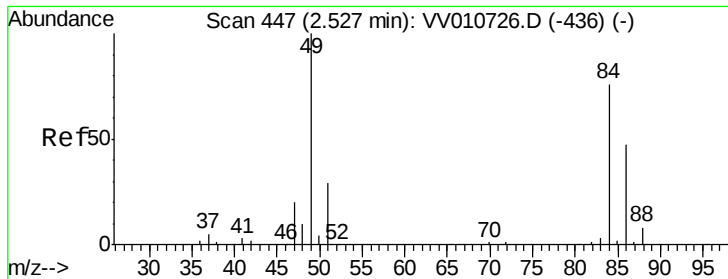
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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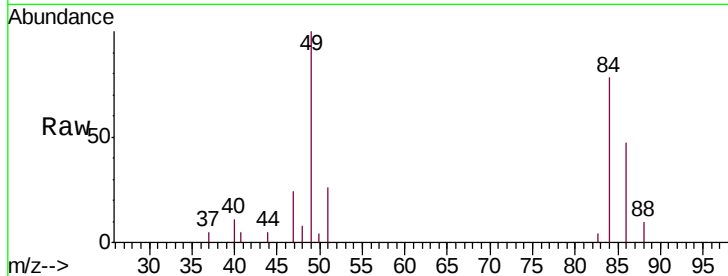




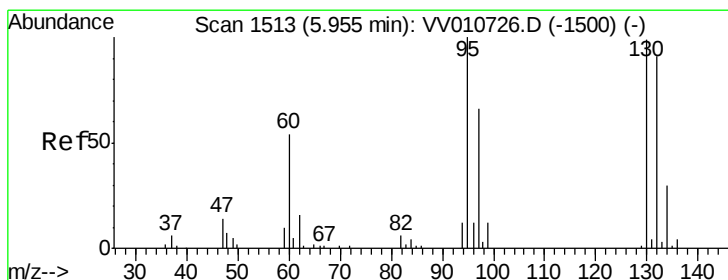
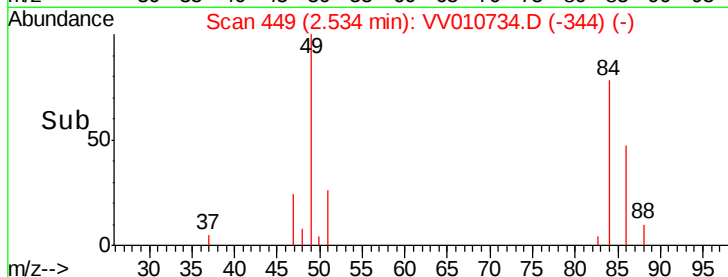
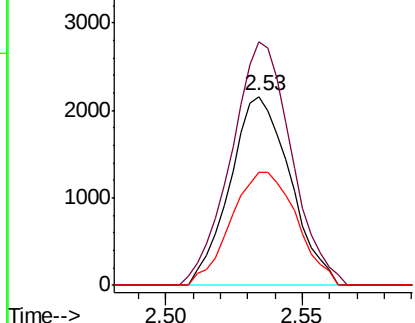
#16
Methylene chloride
Concen: 8.060 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010734.D
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Instrument :
MSVOA_V
ClientSampleId :
GAJA4RE

Tgt Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
49 129.0 92.9 172.5
86 60.0 46.5 86.5

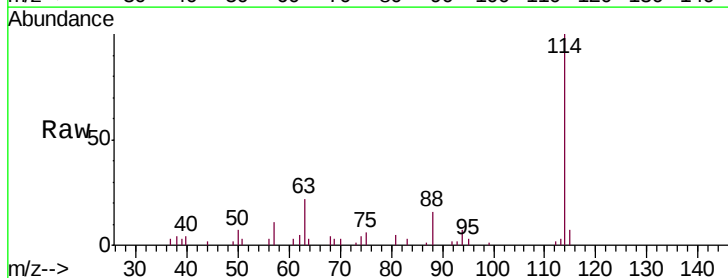


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

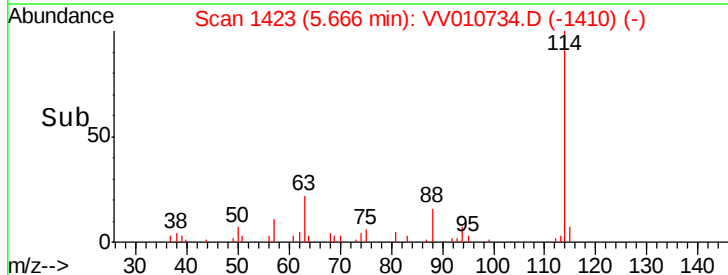
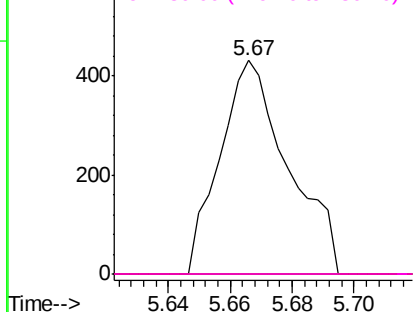


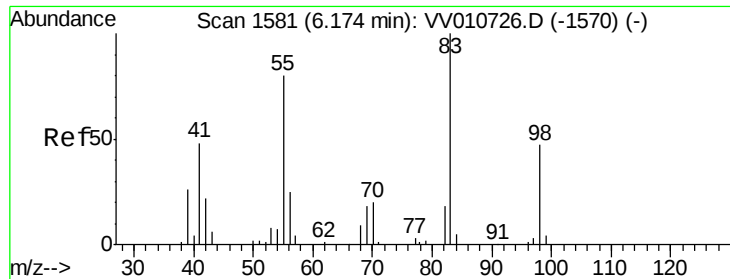
#35
Trichloroethene
Concen: 1.484 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010734.D
Acq: 08 May 2019 18:52

Tgt Ion: 95 Resp: 662
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

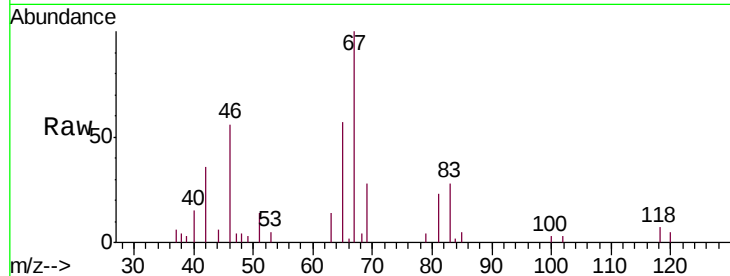




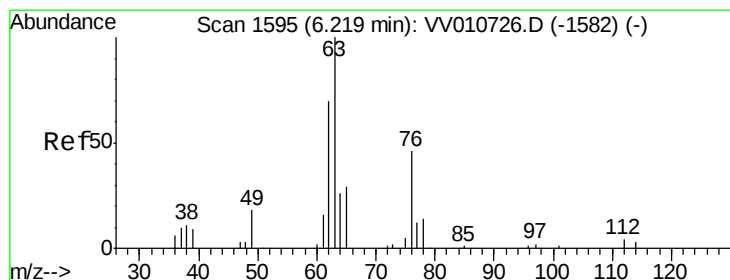
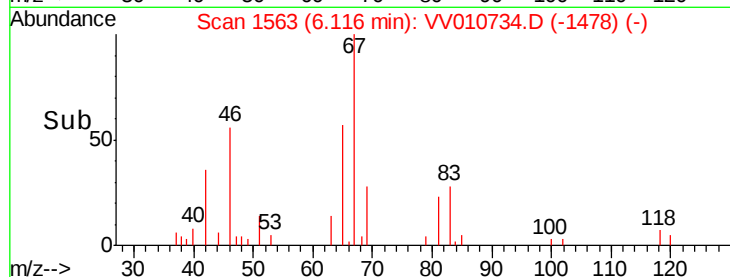
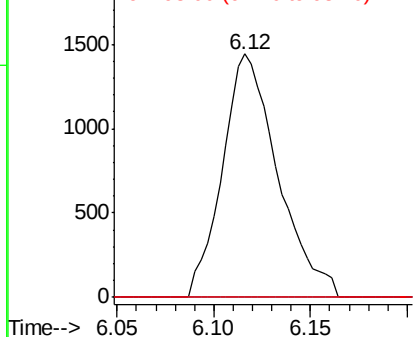
#36
Methylcyclohexane
Concen: 4.018 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010734.D
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Instrument :
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GAJA4RE

Tgt Ion: 83 Resp: 2873
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#

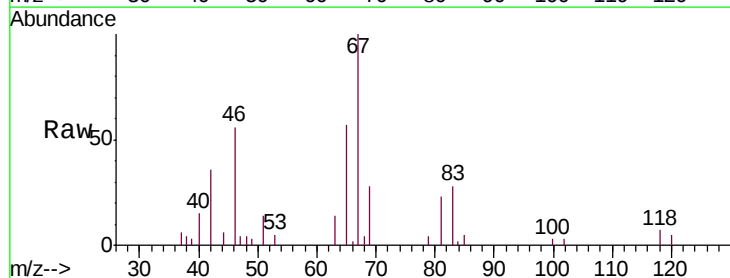


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

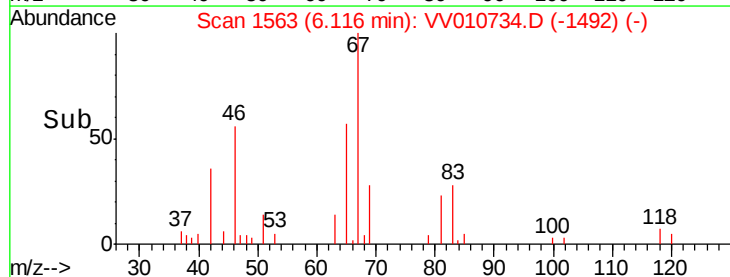
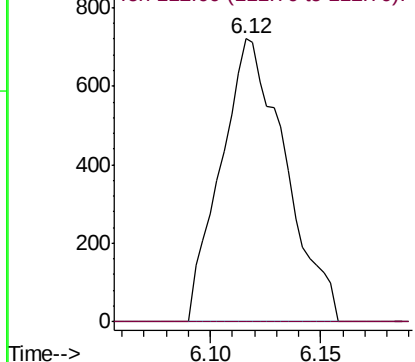


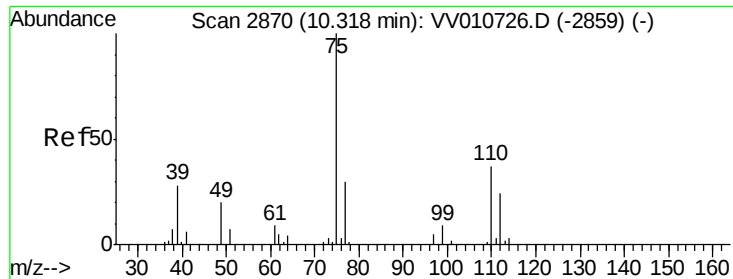
#40
1,2-Dichloropropane
Concen: 3.453 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010734.D
Acq: 08 May 2019 18:52

Tgt Ion: 63 Resp: 1463
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.914 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010734.D

Acq: 08 May 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

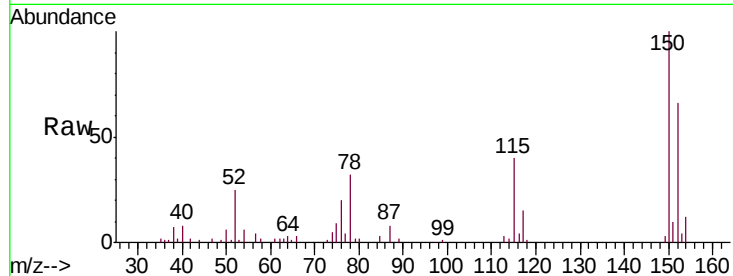
GAJA4RE

Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

77 45.2 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) (-)

11.30

800

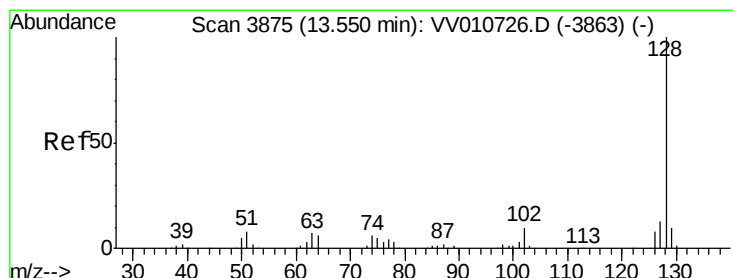
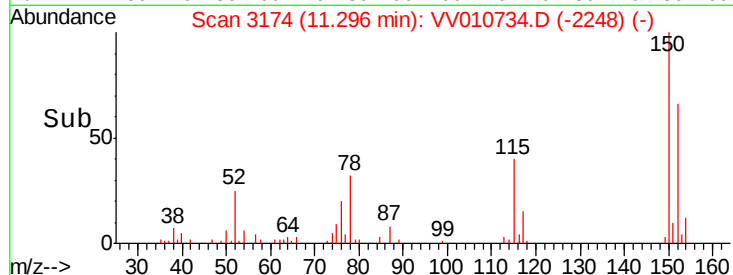
600

400

200

0

Time--> 11.25 11.30 11.35



#69

Naphthalene

Concen: 42.119 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010734.D

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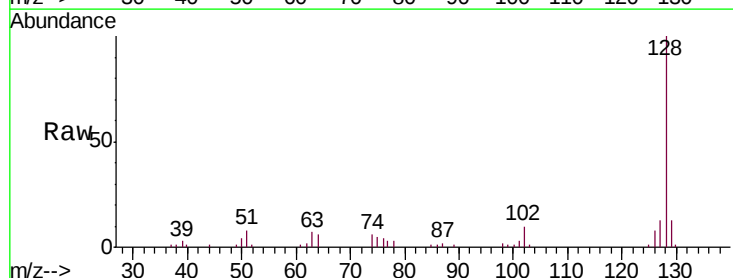
Tgt Ion: 128 Resp: 36251

Ion Ratio Lower Upper

128 100

129 11.7 8.3 12.5

127 12.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VV010726.D (-3863) (-)

Ion 129.00 (128.70 to 129.70): VV010726.D (-3863) (-)

Ion 127.00 (126.70 to 127.70): VV010726.D (-3863) (-)

13.55

30000

25000

20000

15000

10000

5000

0

Time--> 13.50 13.55 13.60

