

Data File : VV010647.D
Acq On : 03 May 2019 04:19
Operator : SY/MD
Sample : K2603-21
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ73

Quant Time: May 03 07:45:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	74097	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	74205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	7523	8.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.08%
7) Chloroethane-d5	1.57	69	7592	11.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.24%
10) 1,1-Dichloroethene-d2	2.12	63	17823	10.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.32%#
20) 2-Butanone-d5	3.94	46	9713	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	4.40	84	41247	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	25466	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
29) Benzene-d6	5.09	84	78543	20.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.72%
33) 1,2-Dichloropropane-d6	6.12	67	28225	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	7.36	98	71520	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.44%
38) trans-1,3-Dichloropropene-	7.66	79	9203	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	8.13	63	7834	37.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23972	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	29759	22.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.64%

Target Compounds

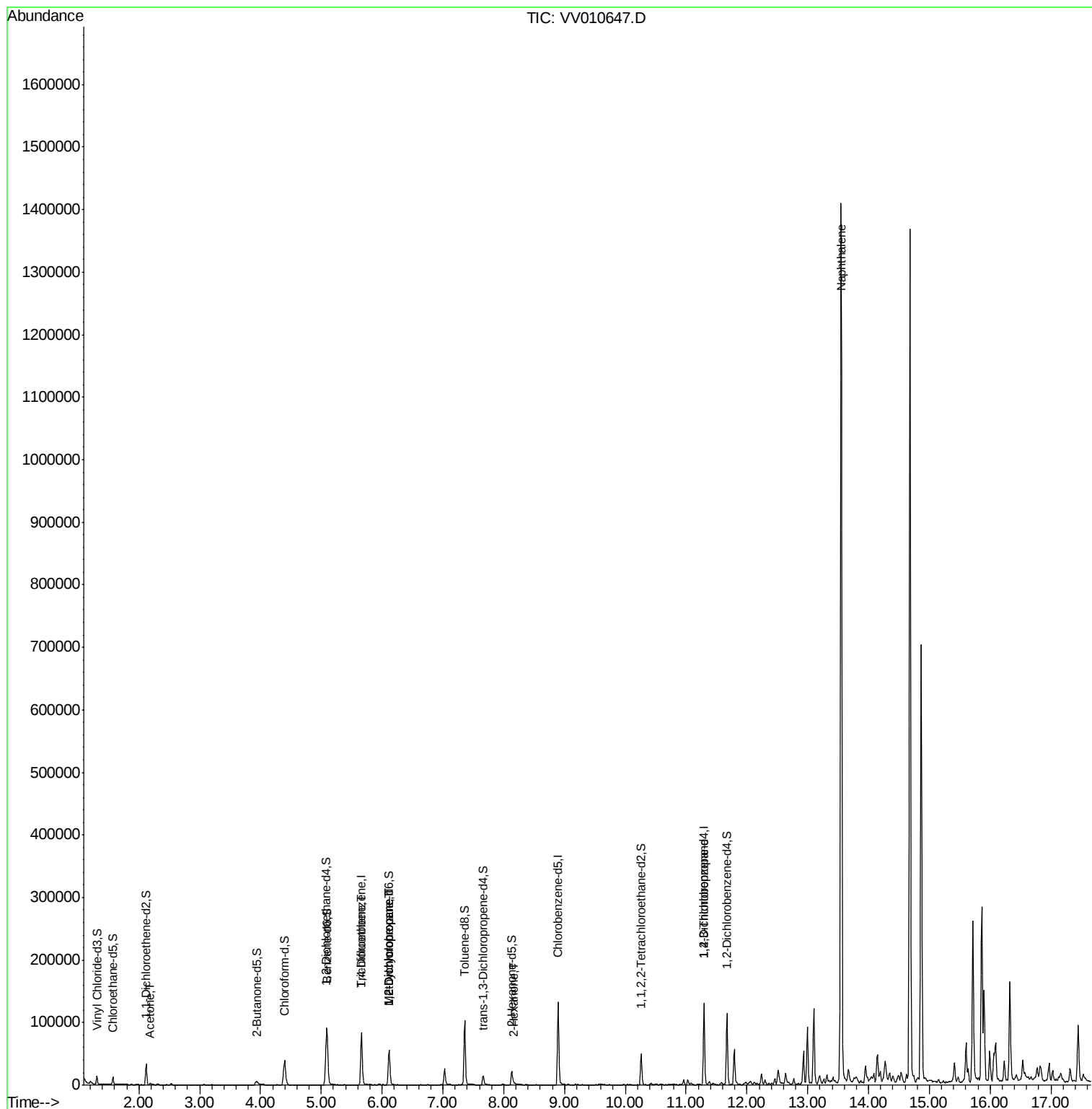
						Qvalue
13) Acetone	2.19	43	2835	11.586	ug/L	99
35) Trichloroethene	5.67	95	2230	2.204	ug/L #	4
36) Methylcyclohexane	6.12	83	6441	4.455	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	2952	3.200	ug/L #	87
49) 2-Hexanone	8.17	43	1332	2.758	ug/L #	47
59) 1,2,3-Trichloropropane	11.29	75	4207	5.819	ug/L	98
69) Naphthalene	13.55	128	1052461	471.890	ug/L	99

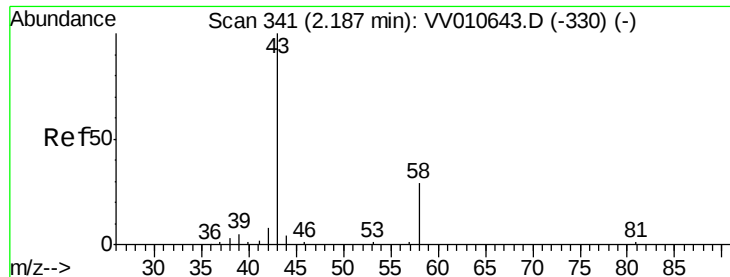
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.586 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

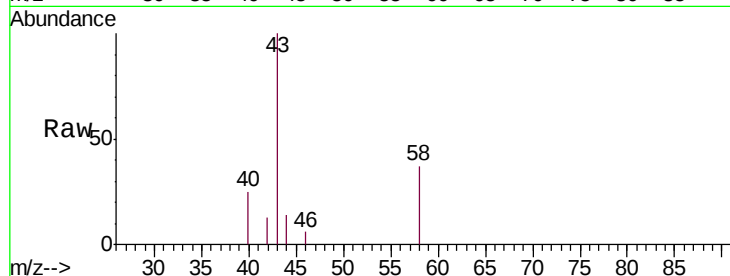
GAJ73

Tgt Ion: 43 Resp: 2835

Ion Ratio Lower Upper

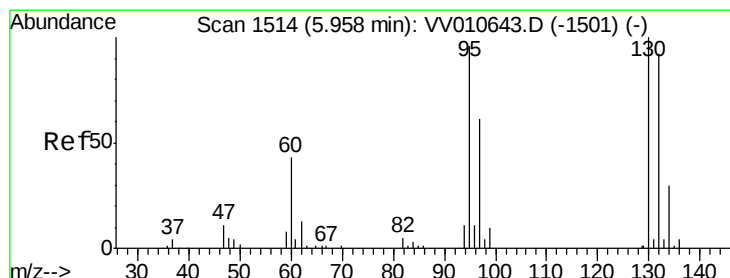
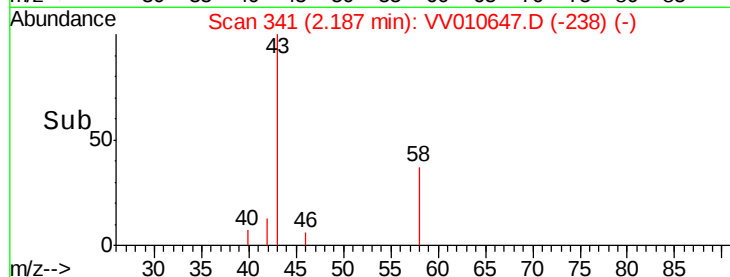
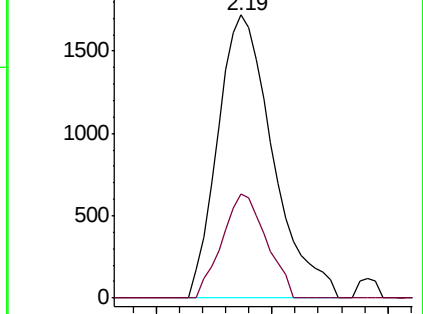
43 100

58 29.5 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010643.D (-330) (-)



#35

Trichloroethene

Concen: 2.204 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010647.D

Acq: 03 May 2019 04:19

Tgt Ion: 95 Resp: 2230

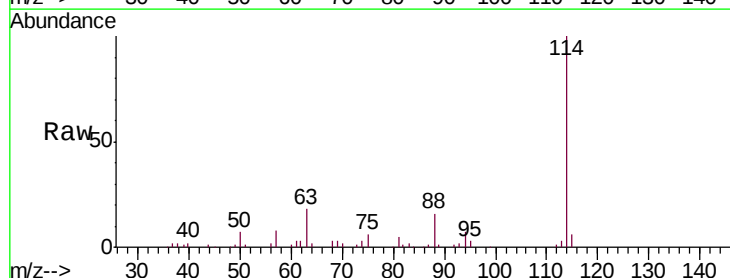
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#

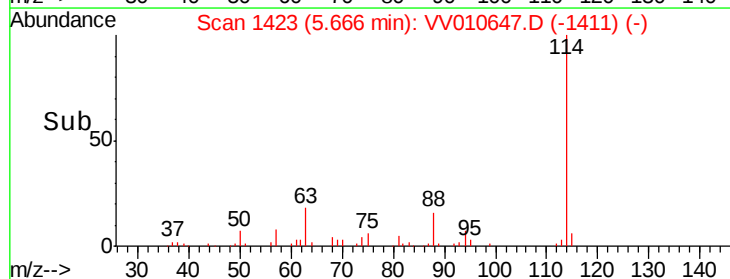
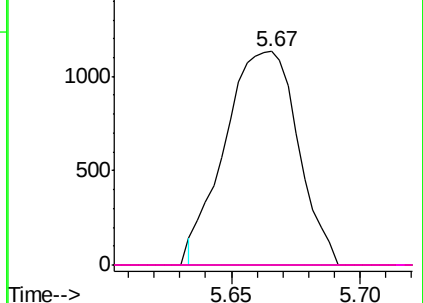


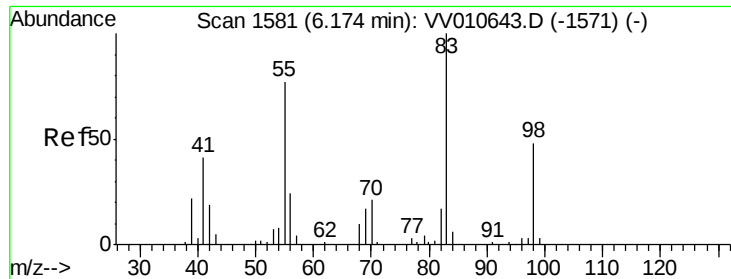
Abundance Ion 95.00 (94.70 to 95.70): VV010643.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV010643.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV010643.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV010643.D (-1501) (-)

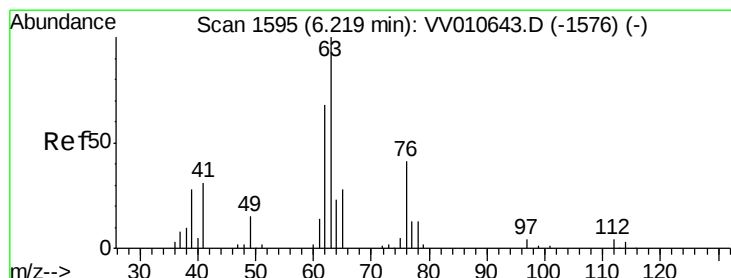
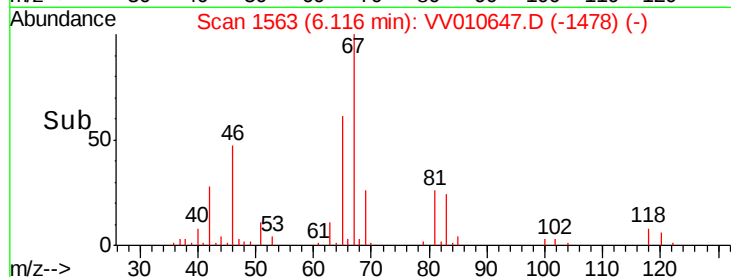
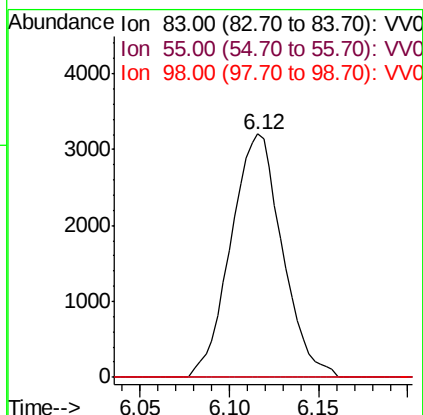
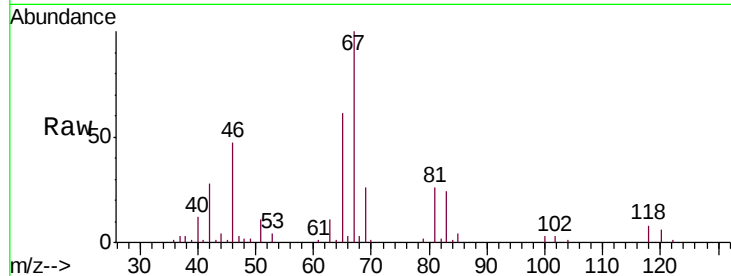




#36
Methylcyclohexane
Concen: 4.455 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010647.D
Acq: 03 May 2019 04:19

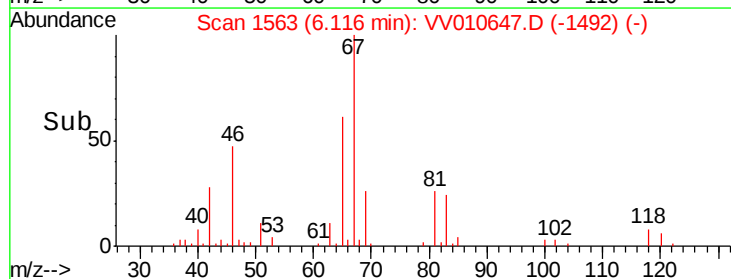
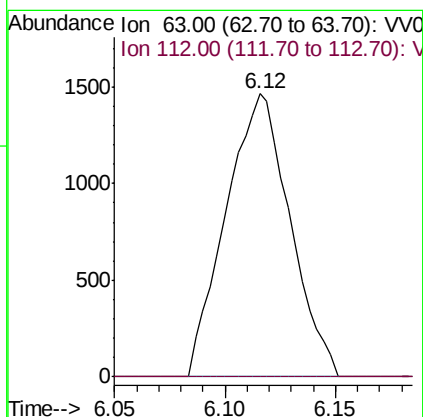
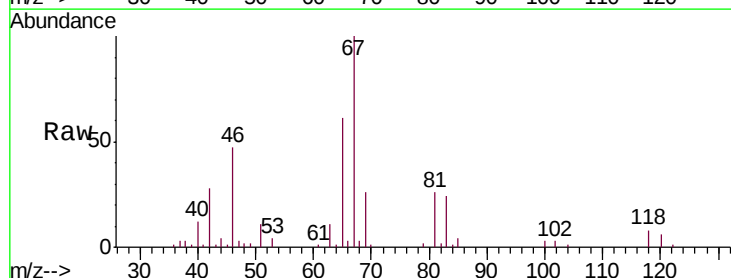
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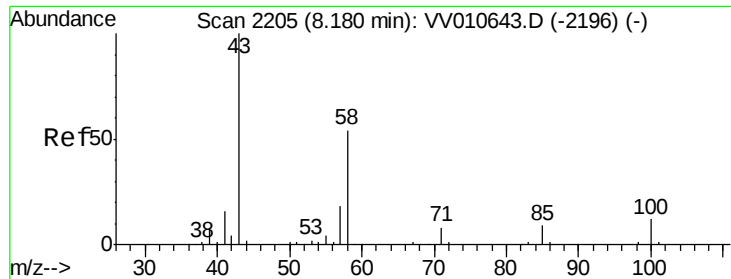
Tgt Ion: 83 Resp: 6441
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 4.6 37.4 56.2#



#40
1,2-Dichloropropane
Concen: 3.200 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010647.D
Acq: 03 May 2019 04:19

Tgt Ion: 63 Resp: 2952
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

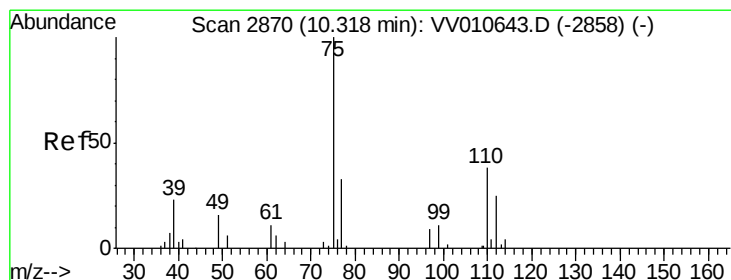
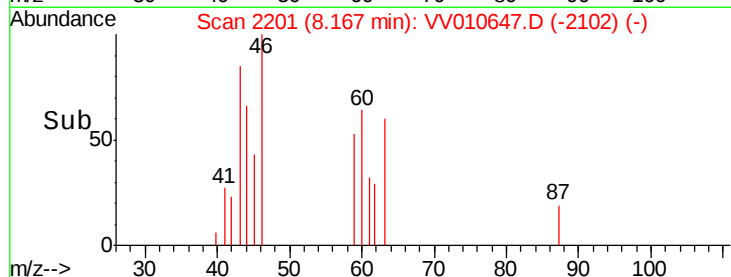
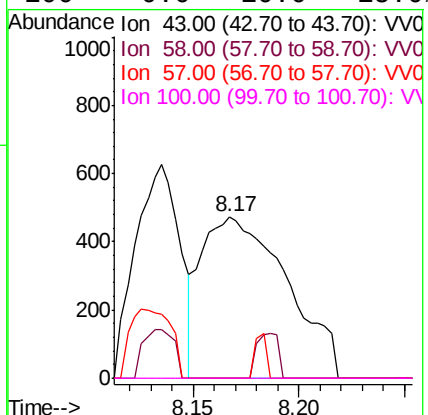
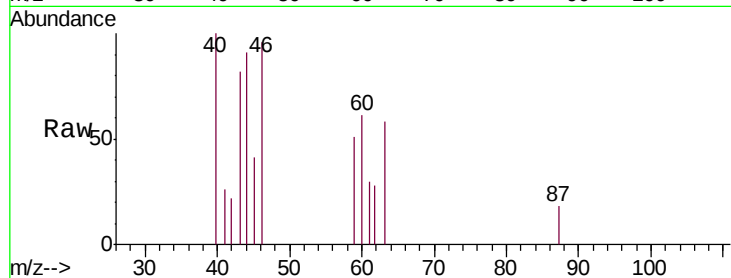




#49
2-Hexanone
Concen: 2.758 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010647.D
Acq: 03 May 2019 04:19

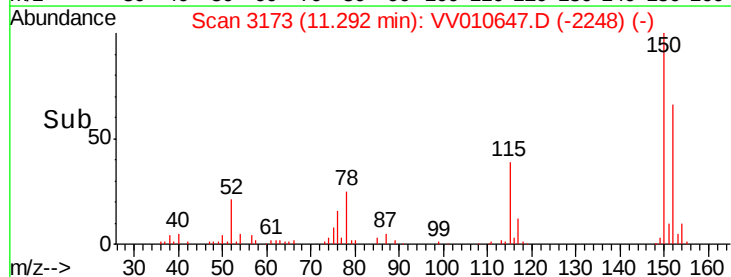
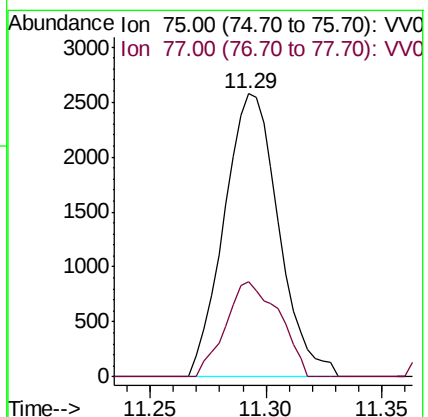
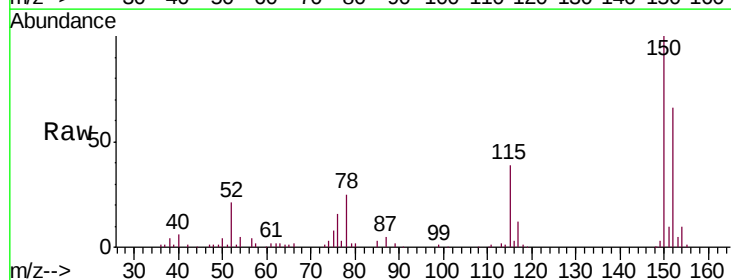
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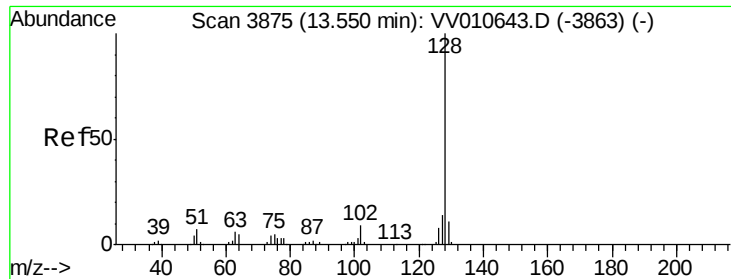
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 7.1 42.5 63.7#
57 3.6 14.4 21.6#
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 5.819 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010647.D
Acq: 03 May 2019 04:19

Tgt Ion: 75 Resp: 4207
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4





#69

Naphthalene

Concen: 471.890 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010647.D

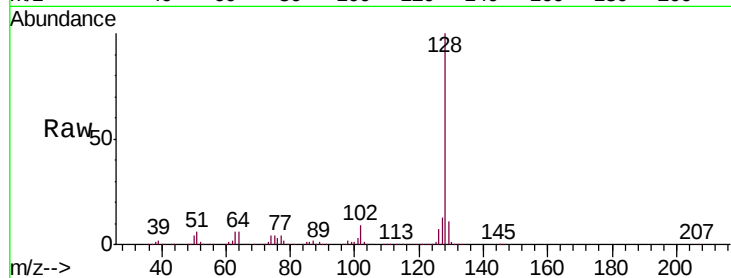
Acq: 03 May 2019 04:19

Instrument :

MSVOA_V

ClientSampleId :

GAJ73



Tgt Ion:128 Resp: 1052461

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.6 15.8

