

Data File : VV010768.D
Acq On : 09 May 2019 15:15
Operator : SY/MD
Sample : K2693-14
Misc : 5.23G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHE5

Quant Time: May 10 05:46:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88734	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23950	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
7) Chloroethane-d5	1.58	69	23936	21.10	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	2.13	63	39495	13.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.84%
20) 2-Butanone-d5	3.94	46	13065	31.58	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.16%
24) Chloroform-d	4.40	84	51852	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.08	65	31097	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.32%
29) Benzene-d6	5.10	84	104765	22.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.28%
33) 1,2-Dichloropropane-d6	6.12	67	33722	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
37) Toluene-d8	7.36	98	97209	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
38) trans-1,3-Dichloropropene-	7.67	79	11338	16.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.28%
39) 2-Hexanone-d5	8.13	63	8660	27.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23988	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	32236	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds

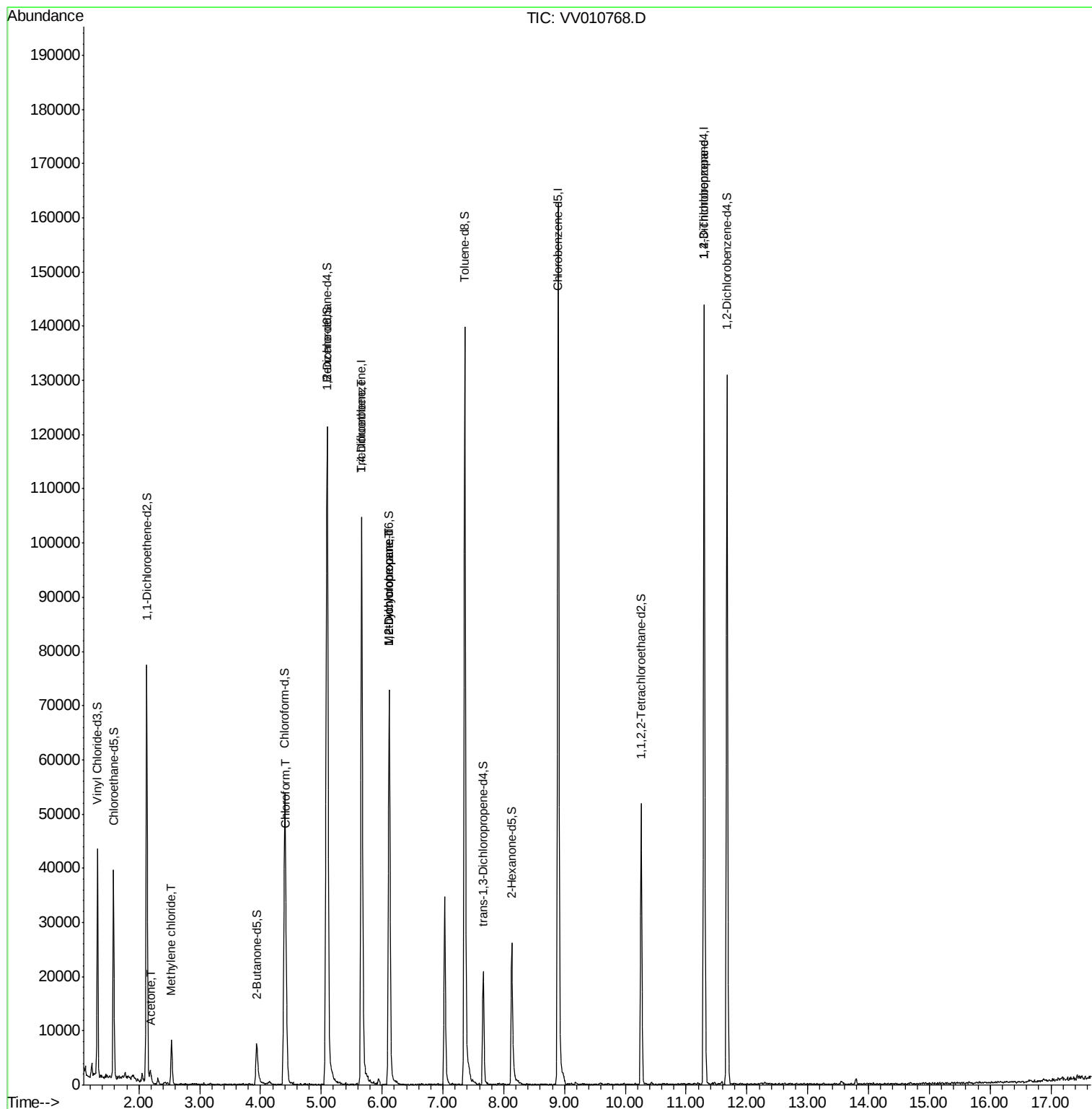
					Qvalue
13) Acetone	2.19	43	1412	2.205 ug/L	92
16) Methylene chloride	2.54	84	3351	2.442 ug/L	83
25) Chloroform	4.42	83	3362	1.252 ug/L #	49
35) Trichloroethene	5.66	95	2756	1.901 ug/L #	7
36) Methylcyclohexane	6.12	83	7758	3.338 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	3916	2.844 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5176	4.474 ug/L	91

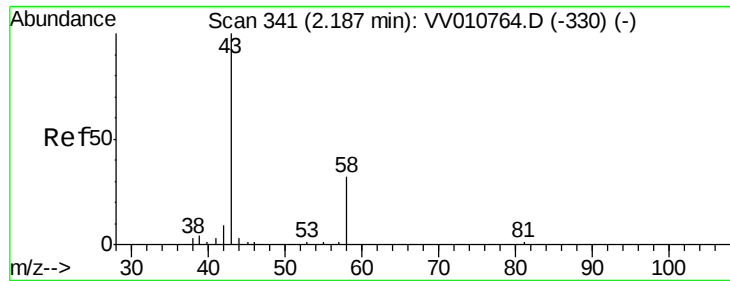
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.205 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010768.D

Acq: 09 May 2019 15:15

Instrument :

MSVOA_V

ClientSampleId :

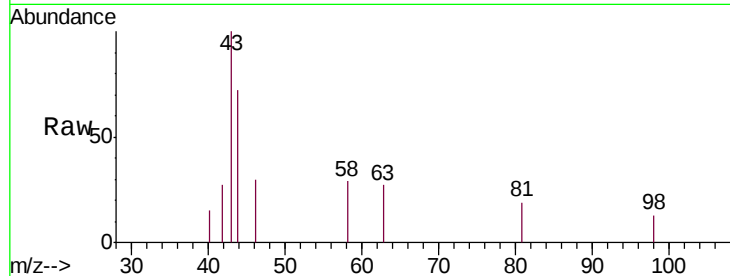
BFHE5

Tgt Ion: 43 Resp: 1412

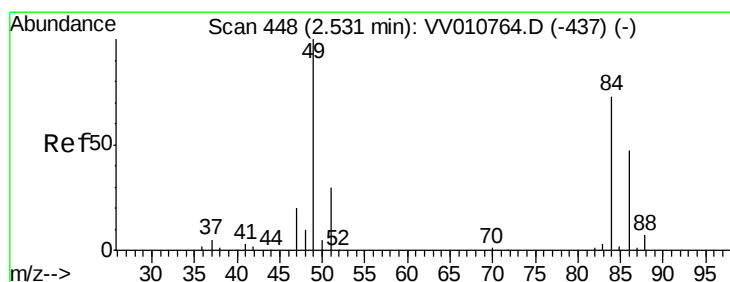
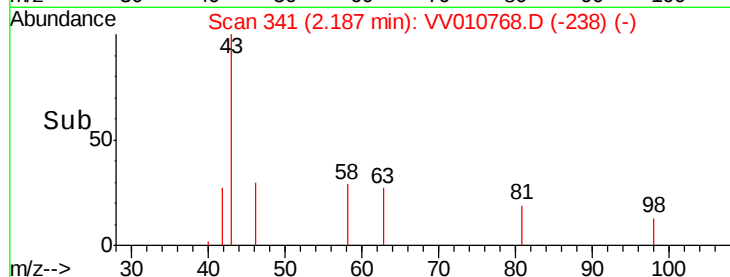
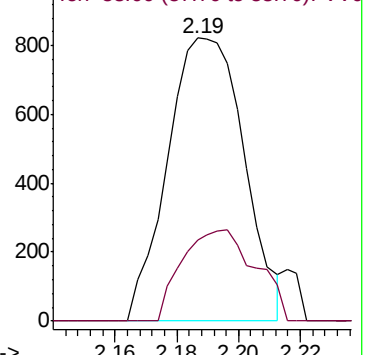
Ion Ratio Lower Upper

43 100

58 27.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010768.D (-238) (-)



#16

Methylene chloride

Concen: 2.442 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV010768.D

Acq: 09 May 2019 15:15

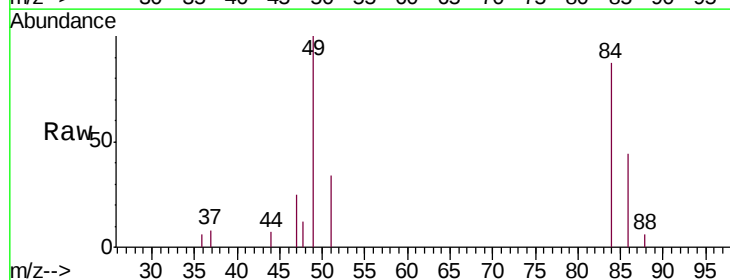
Tgt Ion: 84 Resp: 3351

Ion Ratio Lower Upper

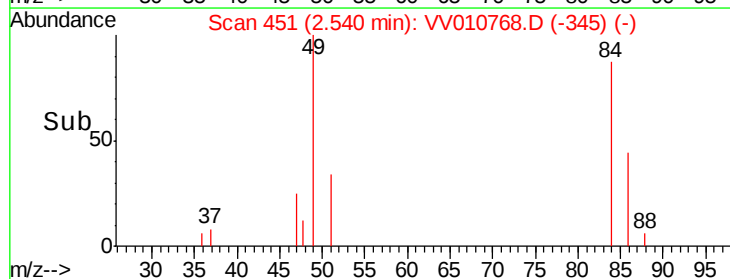
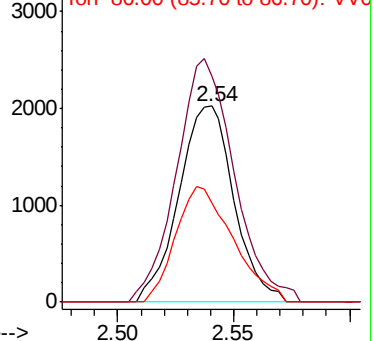
84 100

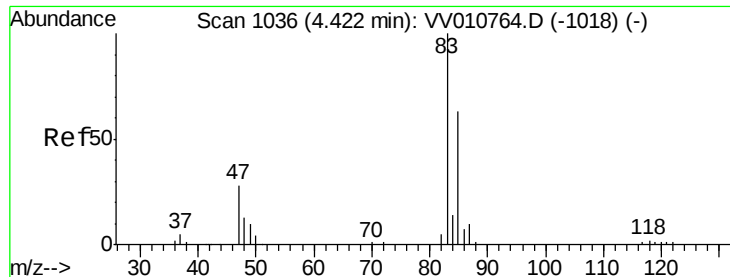
49 115.3 92.9 172.5

86 50.3 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010768.D (-345) (-)

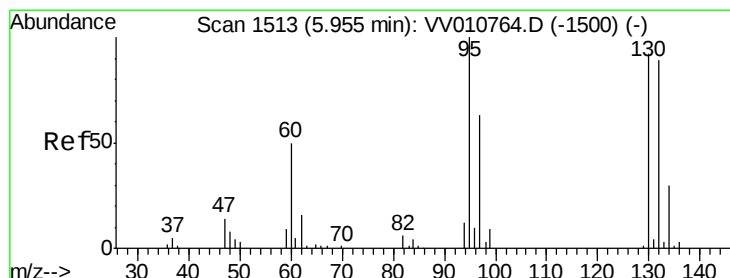
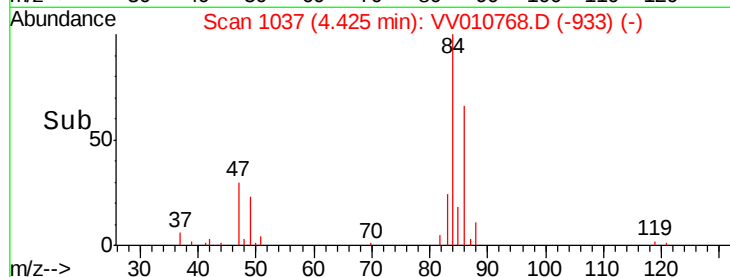
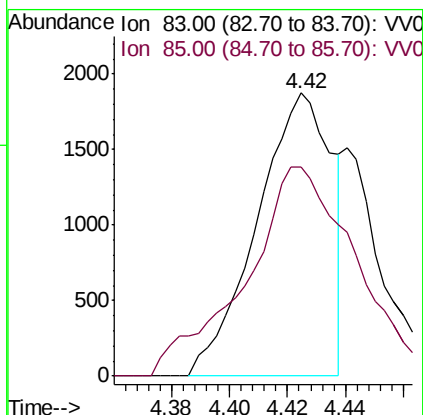
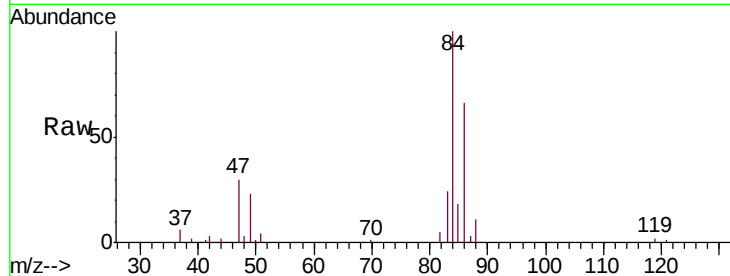




#25
Chloroform
Concen: 1.252 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010768.D
Acq: 09 May 2019 15:15

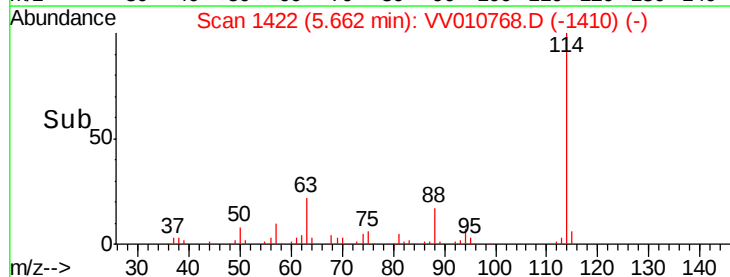
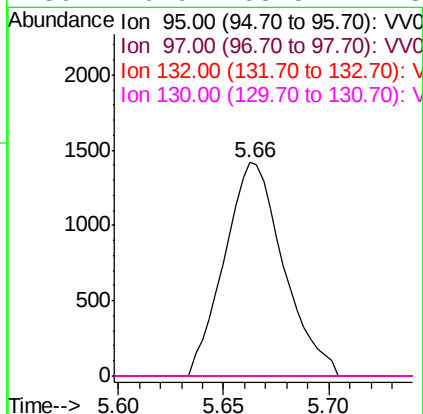
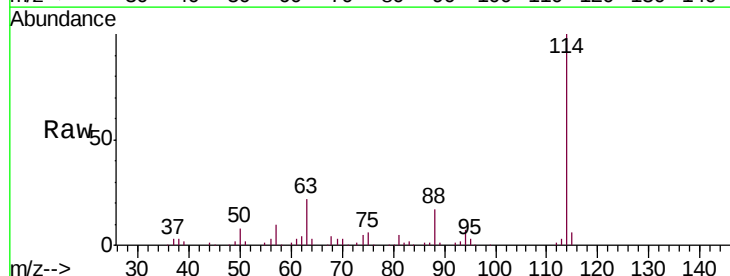
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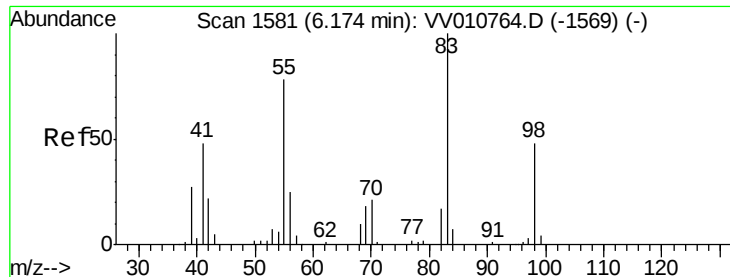
Tgt Ion: 83 Resp: 3362
Ion Ratio Lower Upper
83 100
85 103.5 44.6 82.8#



#35
Trichloroethene
Concen: 1.901 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010768.D
Acq: 09 May 2019 15:15

Tgt Ion: 95 Resp: 2756
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#

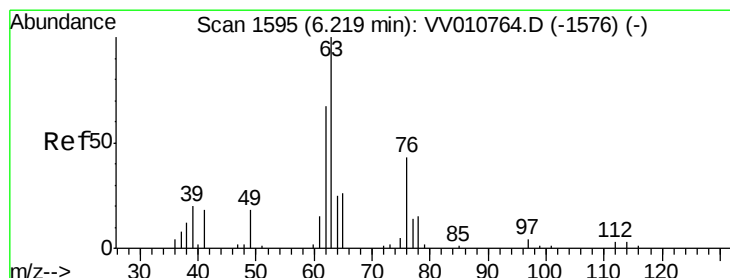
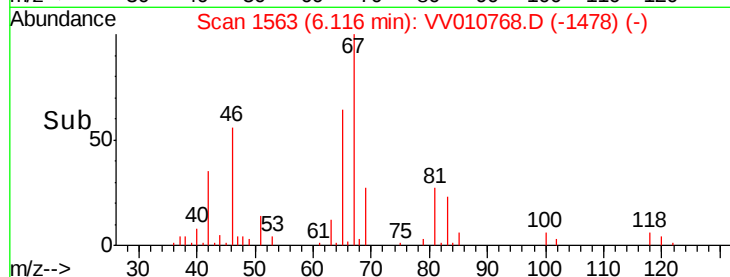
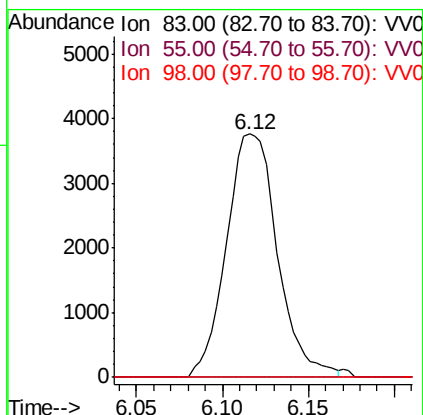
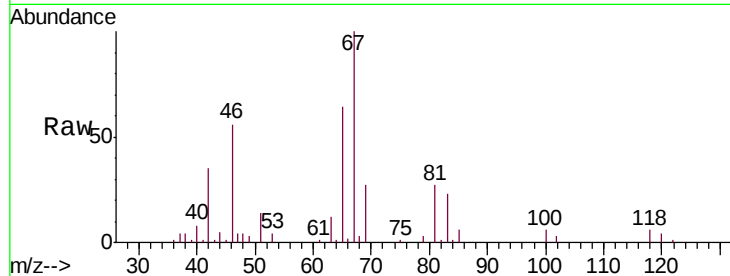




#36
Methylcyclohexane
Concen: 3.338 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010768.D
Acq: 09 May 2019 15:15

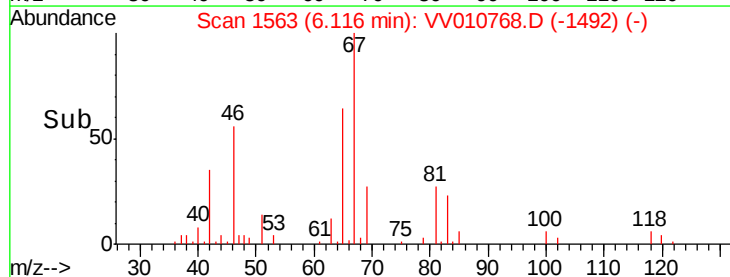
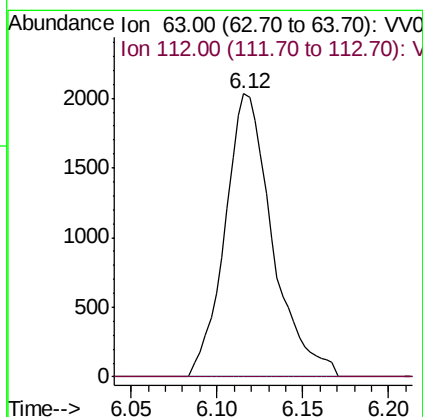
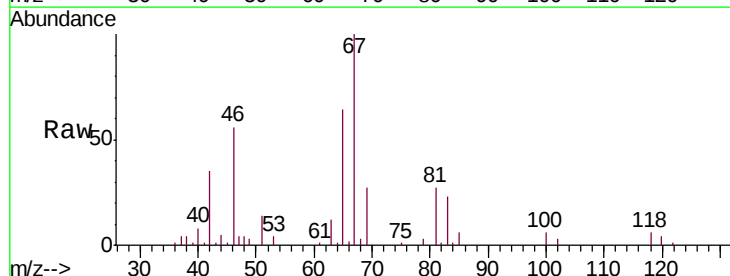
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MSVOA_V
ClientSampleId :
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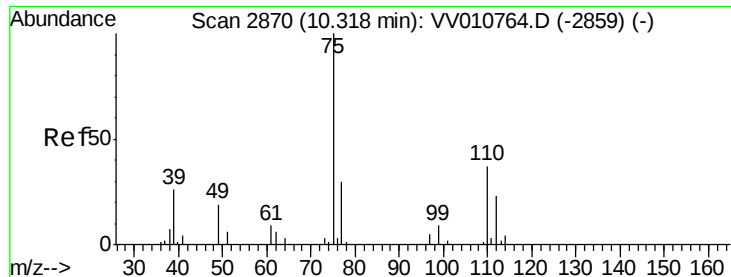
Tgt Ion: 83 Resp: 7758
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 3.1 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.844 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010768.D
Acq: 09 May 2019 15:15

Tgt Ion: 63 Resp: 3916
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 4.474 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010768.D

Acq: 09 May 2019 15:15

Instrument :

MSVOA_V

ClientSampleId :

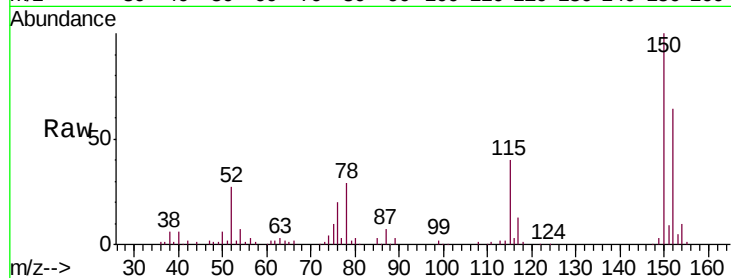
BFHE5

Tgt Ion: 75 Resp: 5176

Ion Ratio Lower Upper

75 100

77 36.2 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

