

Data File : VV010767.D
Acq On : 09 May 2019 14:47
Operator : SY/MD
Sample : K2693-13
Misc : 4.42G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH64

Quant Time: May 10 05:46:17 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	5.66	114	58628	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	38976	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	7663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26078	28.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.52%
7) Chloroethane-d5	1.57	69	27516	36.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.84%
10) 1,1-Dichloroethene-d2	2.12	63	41884	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.80%
20) 2-Butanone-d5	3.94	46	14990	54.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.70%
24) Chloroform-d	4.40	84	62687	39.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	156.88%#
26) 1,2-Dichloroethane-d4	5.08	65	36683	36.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	147.00%#
29) Benzene-d6	5.10	84	90900	44.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	177.24%#
33) 1,2-Dichloropropane-d6	6.12	67	38845	59.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	237.68%#
37) Toluene-d8	7.36	98	68486	34.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	139.44%#
38) trans-1,3-Dichloropropene-	7.66	79	7721	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.64%
39) 2-Hexanone-d5	8.13	63	8558	62.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25254	41.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.44%#
61) 1,2-Dichlorobenzene-d4	11.67	152	9369	31.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	126.28%#

Target Compounds

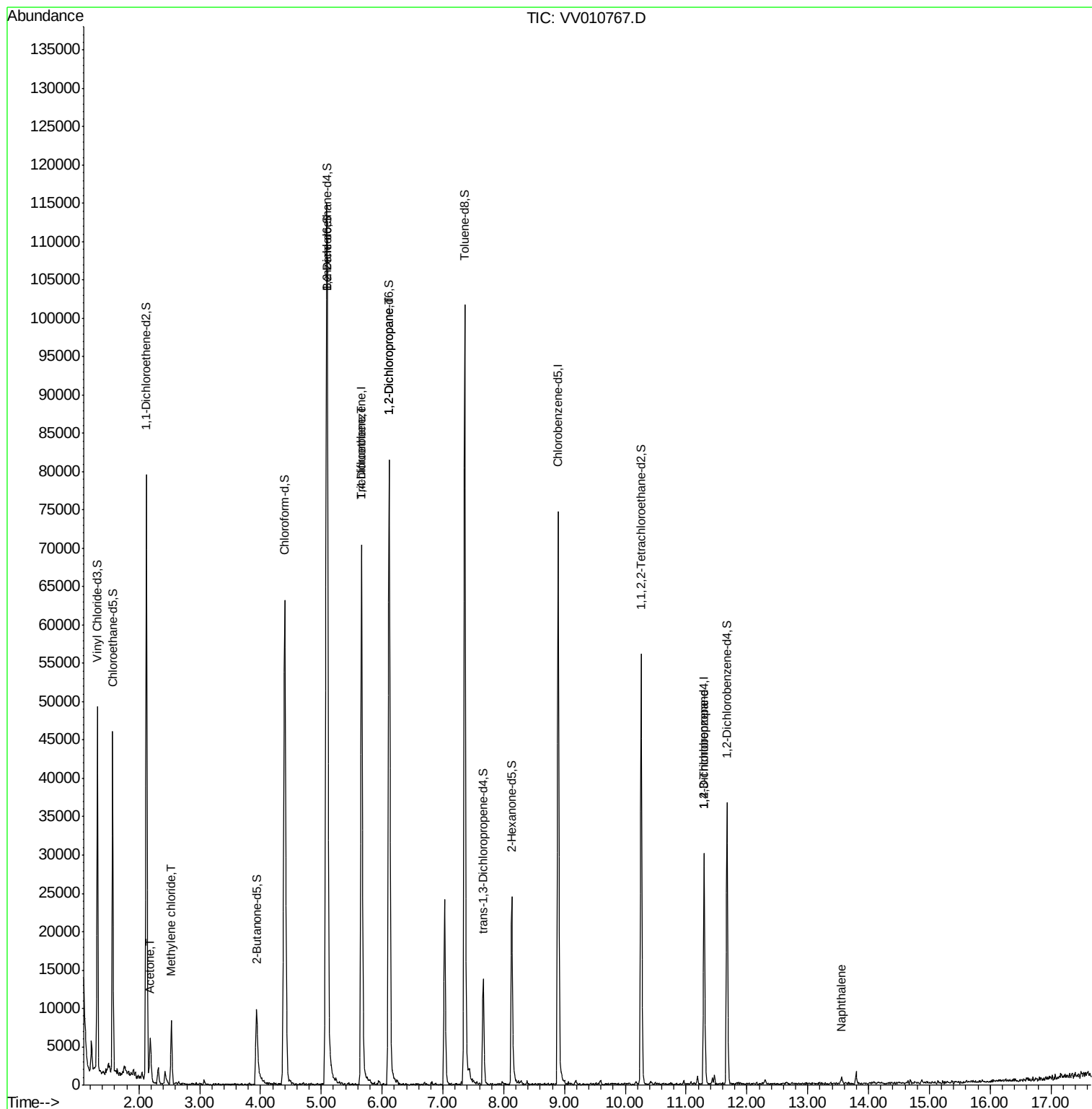
					Qvalue
13) Acetone	2.19	43	4380	10.352 ug/L	98
16) Methylene chloride	2.53	84	3242	3.576 ug/L	97
35) Trichloroethene	5.66	95	1809	2.823 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4612	7.577 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	966	1.889 ug/L #	51
69) Naphthalene	13.56	128	1093	1.718 ug/L #	84

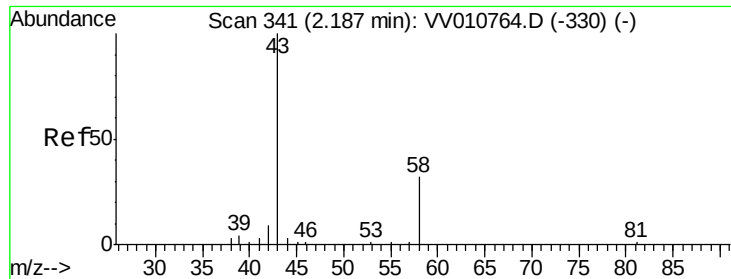
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.352 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 09 May 2019 14:47

Instrument :

MSVOA_V

ClientSampled :

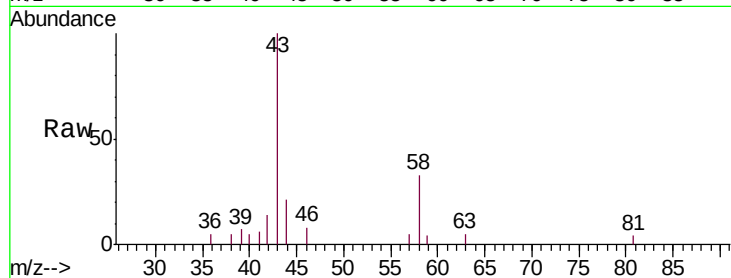
BFH64

Tgt Ion: 43 Resp: 4380

Ion Ratio Lower Upper

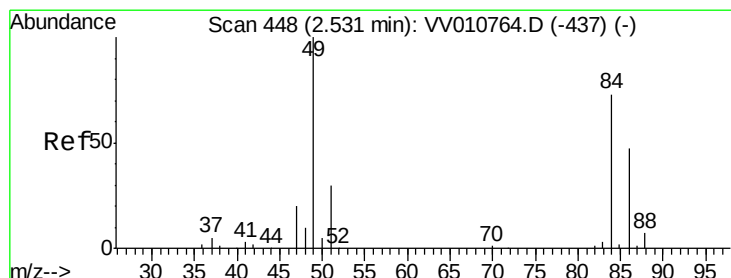
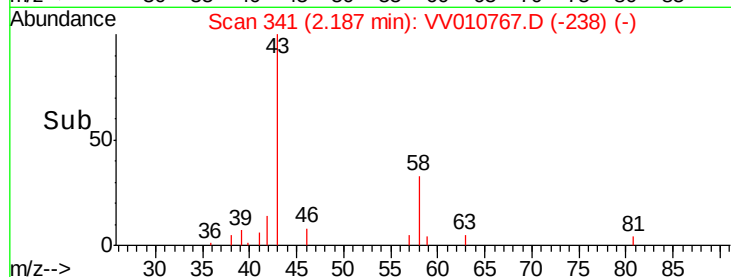
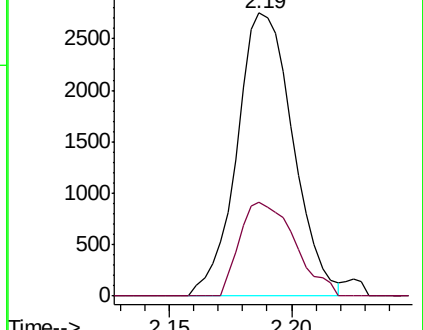
43 100

58 32.7 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010767.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010767.D (-330) (-)



#16

Methylene chloride

Concen: 3.576 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010767.D

Acq: 09 May 2019 14:47

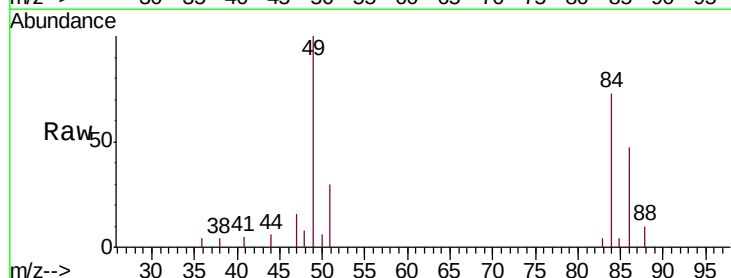
Tgt Ion: 84 Resp: 3242

Ion Ratio Lower Upper

84 100

49 136.8 92.9 172.5

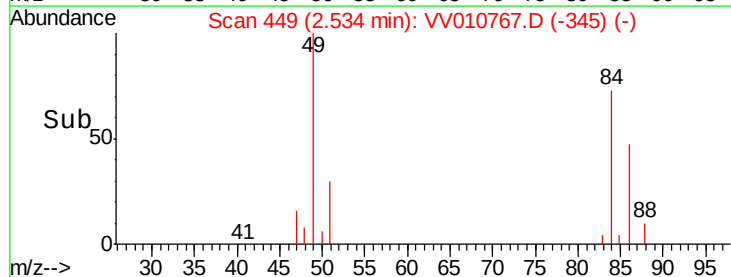
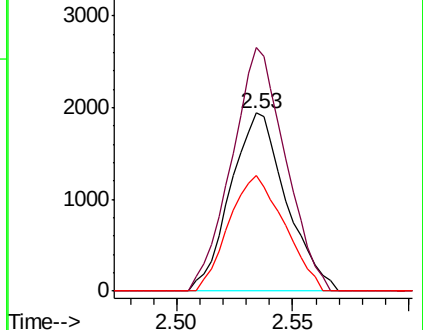
86 64.7 46.5 86.5

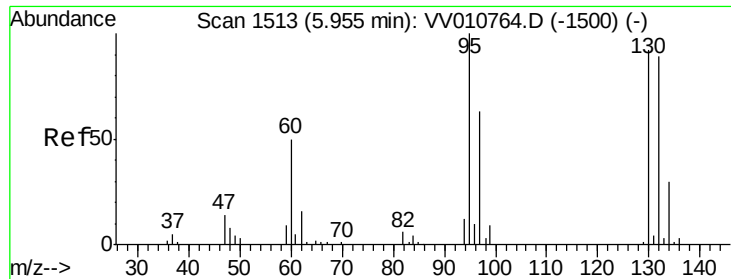


Abundance Ion 84.00 (83.70 to 84.70): VV010767.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010767.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010767.D (-437) (-)





#35

Trichloroethene

Concen: 2.823 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

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Instrument :

MSVOA_V

ClientSampleId :

BFH64

Tgt Ion: 95 Resp: 1809

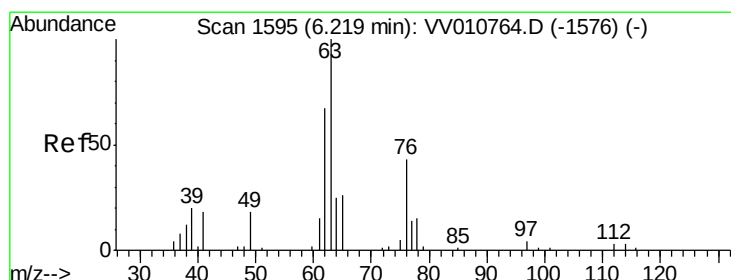
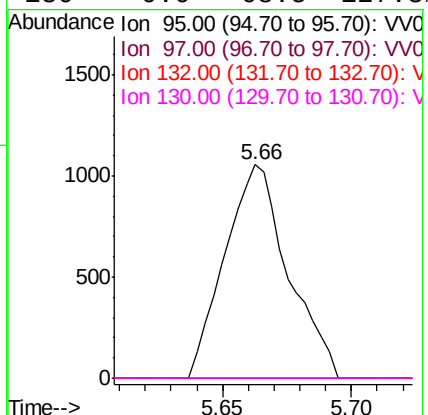
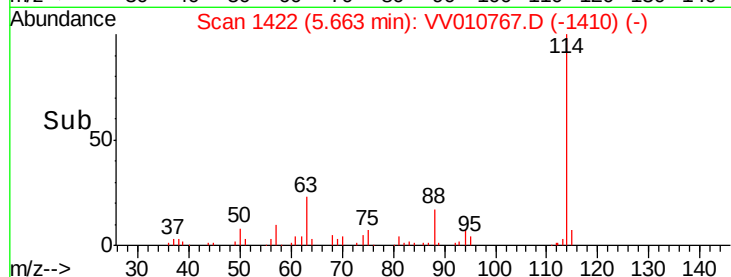
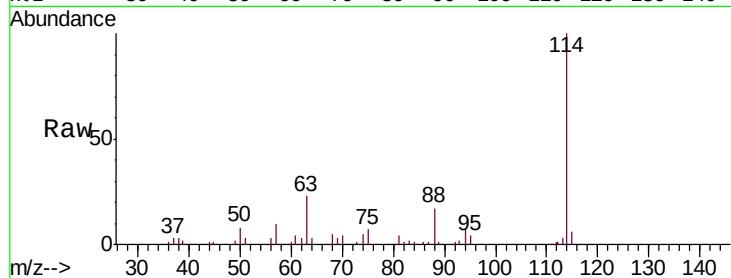
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 7.577 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010767.D

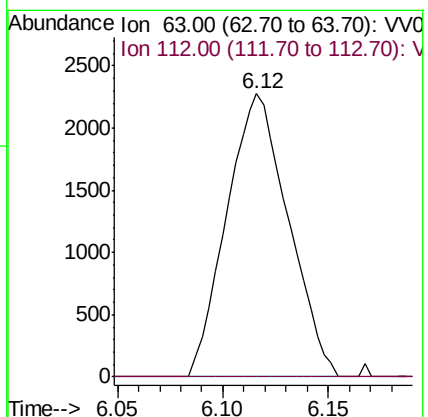
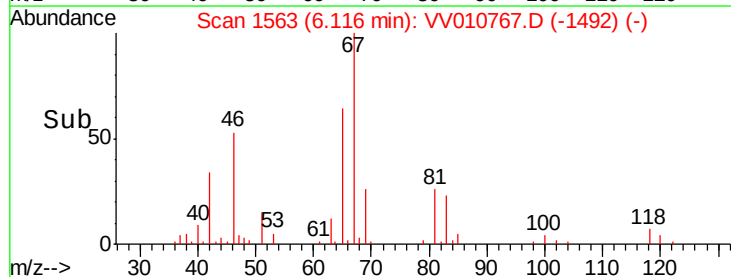
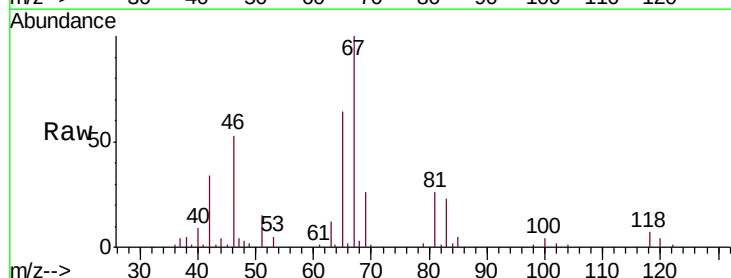
Acq: 09 May 2019 14:47

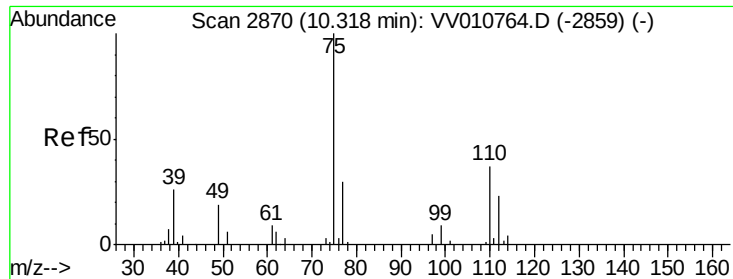
Tgt Ion: 63 Resp: 4612

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

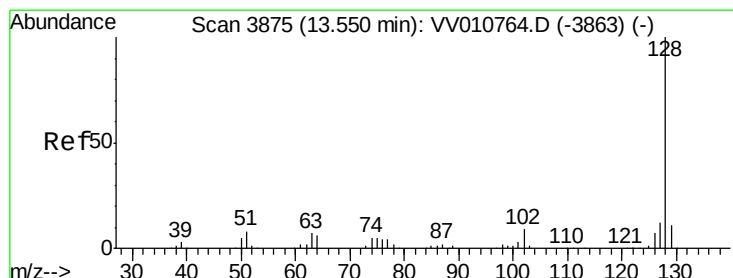
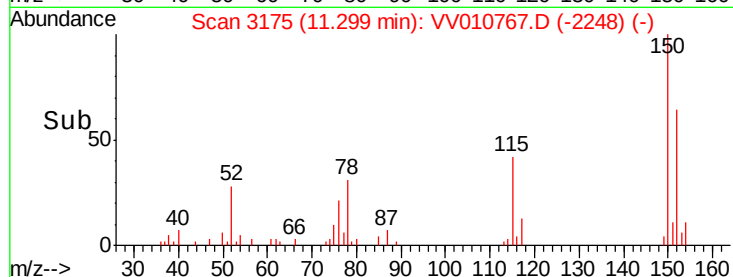
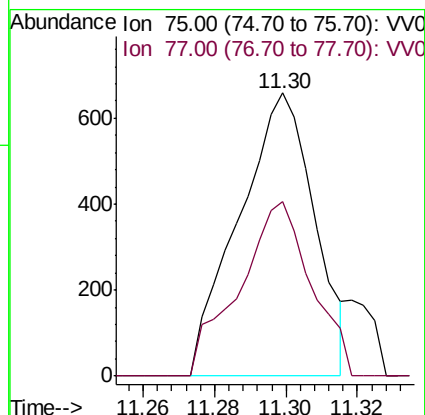
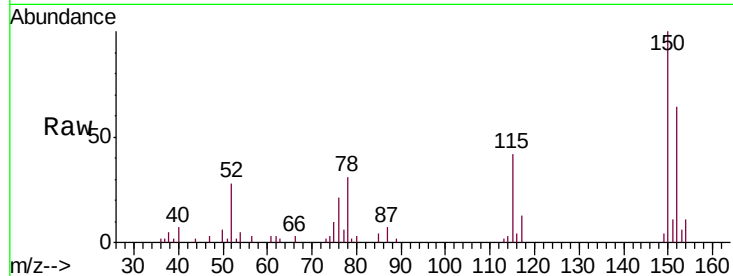




#59
 1,2,3-Trichloropropane
 Concen: 1.889 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
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Instrument :
 MSVOA_V
 ClientSampled :
 BFH64

Tgt Ion: 75 Resp: 966
 Ion Ratio Lower Upper
 75 100
 77 58.6 25.0 37.6#



#69
 Naphthalene
 Concen: 1.718 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV010767.D
 Acq: 09 May 2019 14:47

Tgt Ion: 128 Resp: 1093
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 10.4 10.8 16.2#

