

Data File : VV010788.D
Acq On : 10 May 2019 01:54
Operator : SY/MD
Sample : K2716-01
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH67

Quant Time: May 10 07:58:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	90414	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24113	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
7) Chloroethane-d5	1.57	69	26023	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	2.12	63	38164	12.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.12%
20) 2-Butanone-d5	3.93	46	12801	30.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.74%
24) Chloroform-d	4.39	84	47881	19.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.08	65	36958	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.04%
29) Benzene-d6	5.09	84	112974	25.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.52%
33) 1,2-Dichloropropane-d6	6.11	67	38582	27.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.96%
37) Toluene-d8	7.36	98	96322	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.66	79	11442	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.20%
39) 2-Hexanone-d5	8.13	63	8721	29.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24687	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	27588	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

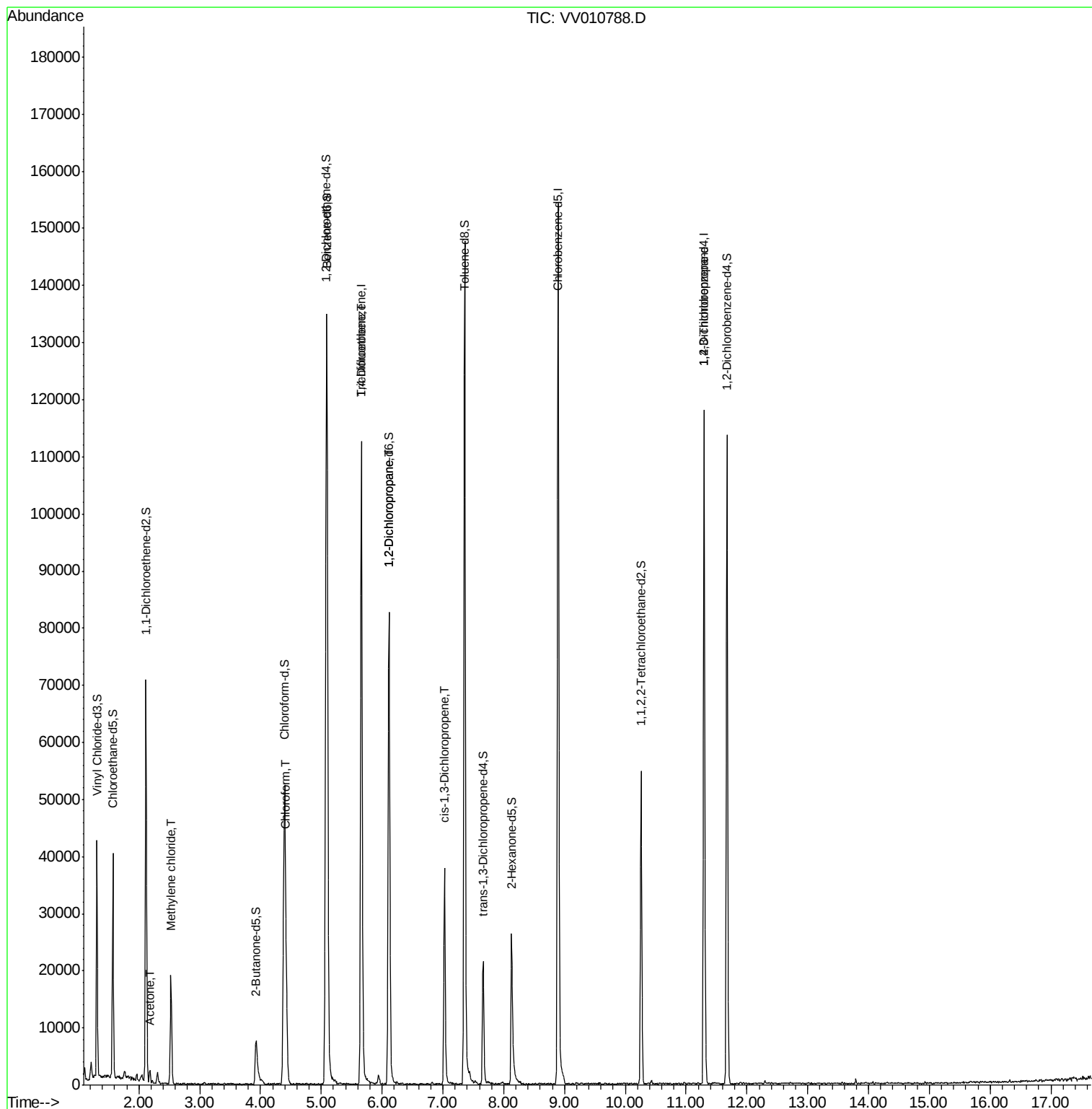
					Qvalue
13) Acetone	2.18	43	1620	2.483 ug/L	100
16) Methylene chloride	2.53	84	7365	5.268 ug/L	91
25) Chloroform	4.42	83	15107	5.521 ug/L	94
35) Trichloroethene	5.66	95	2798	2.052 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4631	3.576 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1079	0.527 ug/L	85
59) 1,2,3-Trichloropropene	11.30	75	4017	3.693 ug/L #	86

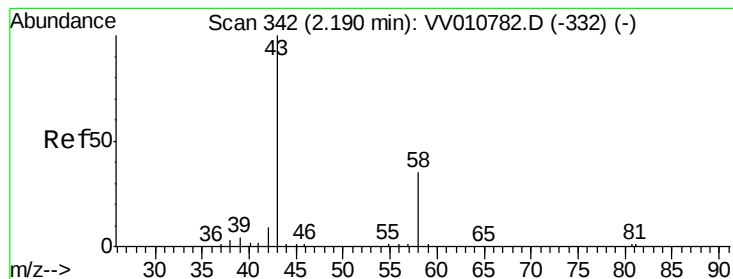
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.483 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010788.D

Acq: 10 May 2019 01:54

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MSVOA_V

ClientSampleId :

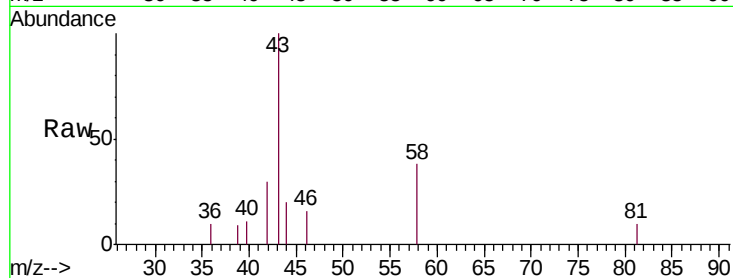
BFH67

Tgt Ion: 43 Resp: 1620

Ion Ratio Lower Upper

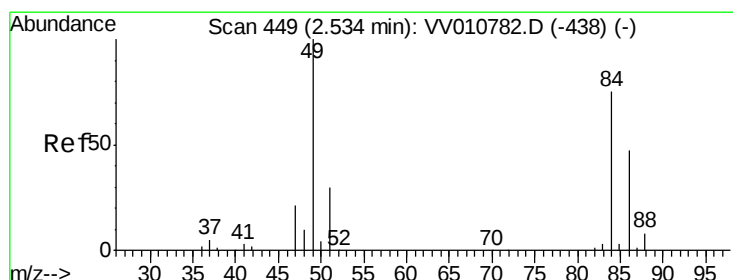
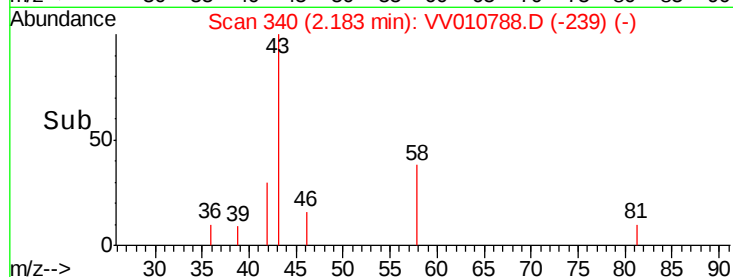
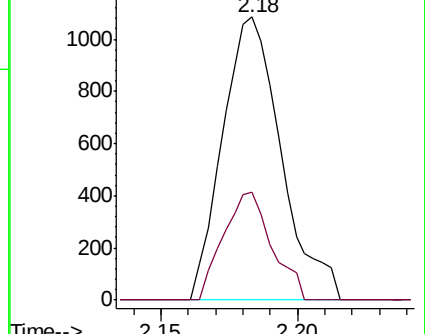
43 100

58 31.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010788.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010788.D (-332) (-)



#16

Methylene chloride

Concen: 5.268 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010788.D

Acq: 10 May 2019 01:54

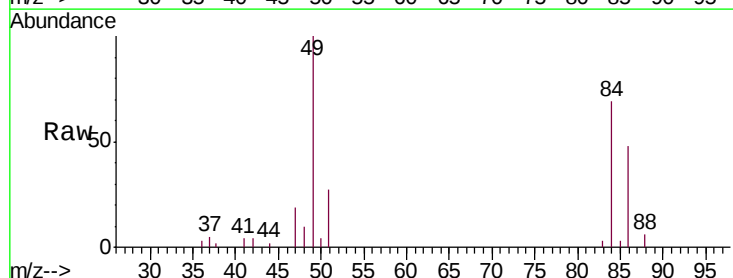
Tgt Ion: 84 Resp: 7365

Ion Ratio Lower Upper

84 100

49 145.8 92.9 172.5

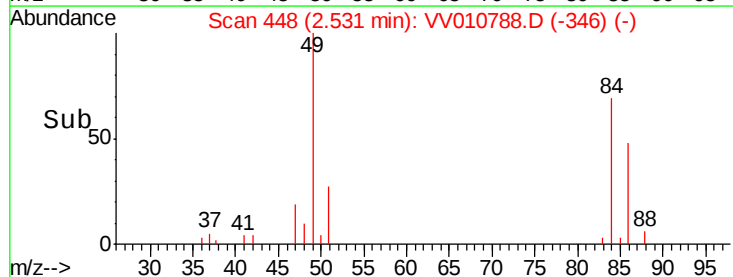
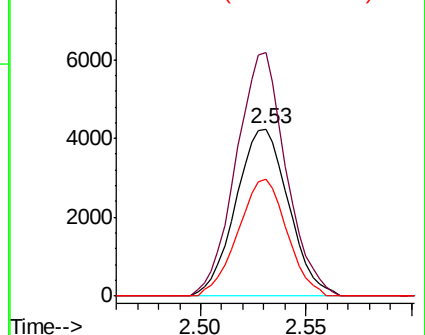
86 69.8 46.5 86.5

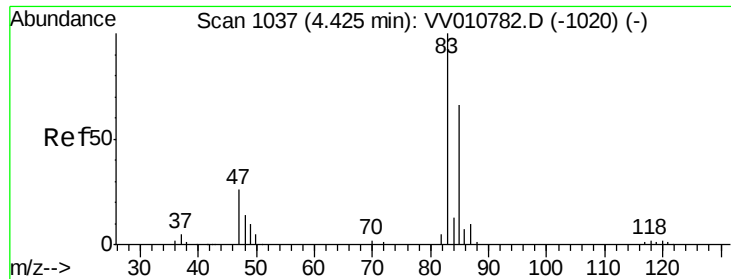


Abundance Ion 84.00 (83.70 to 84.70): VV010788.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010788.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010788.D (-438) (-)

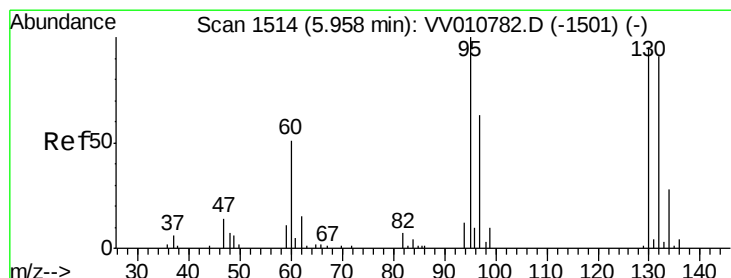
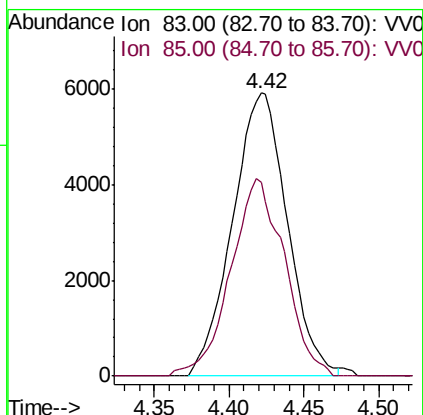
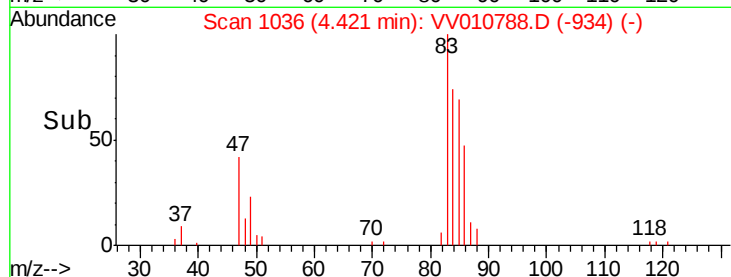
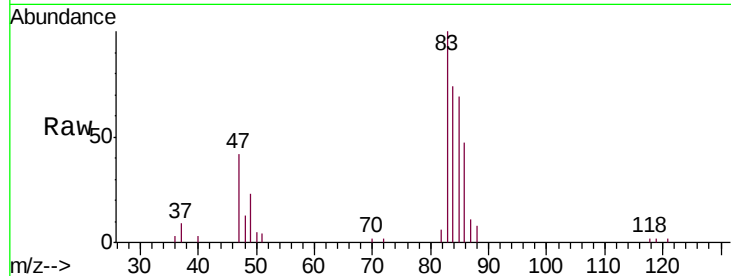




#25
Chloroform
Concen: 5.521 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010788.D
Acq: 10 May 2019 01:54

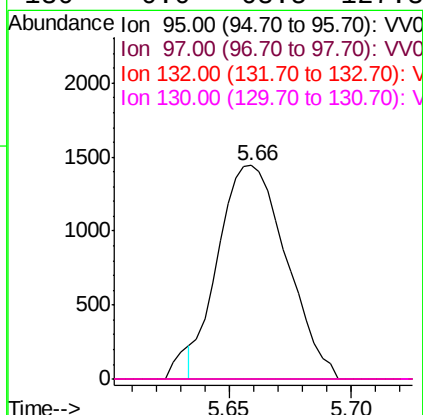
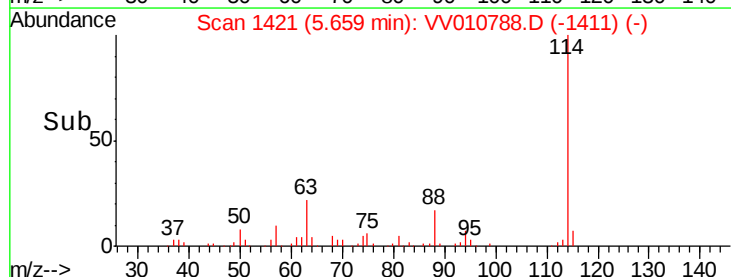
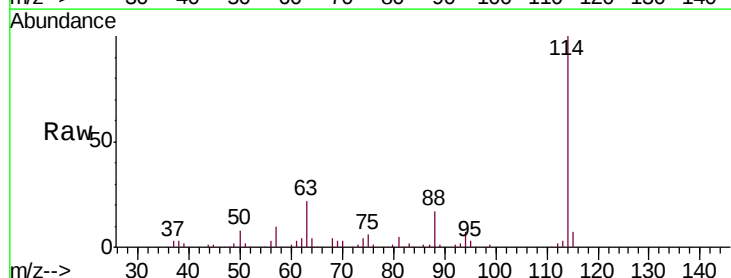
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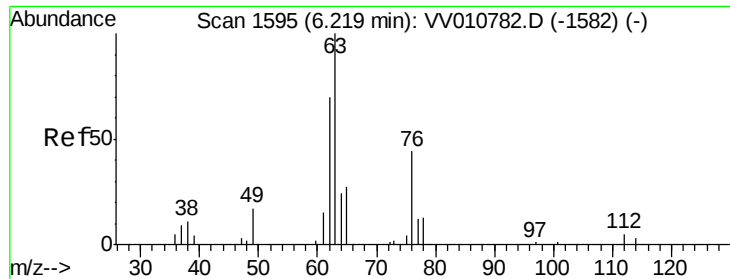
Tgt Ion: 83 Resp: 15107
Ion Ratio Lower Upper
83 100
85 68.4 44.6 82.8



#35
Trichloroethene
Concen: 2.052 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010788.D
Acq: 10 May 2019 01:54

Tgt Ion: 95 Resp: 2798
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#

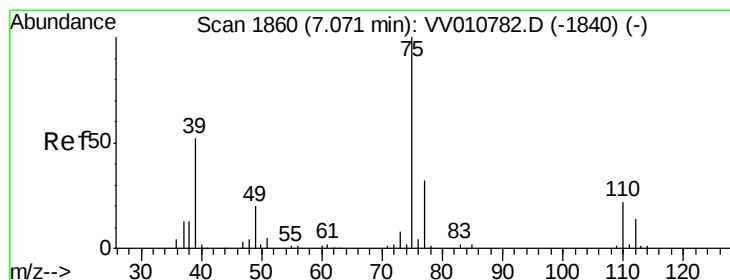
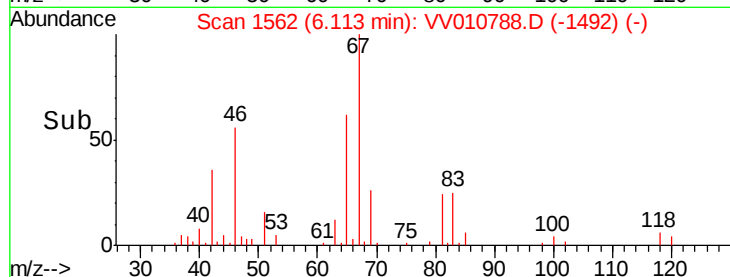
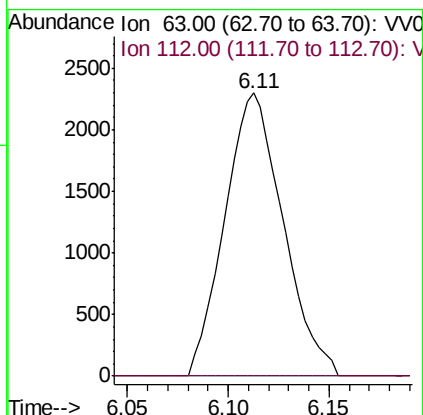
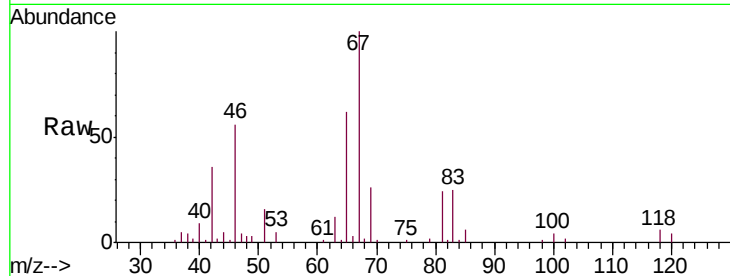




#40
 1,2-Dichloropropane
 Concen: 3.576 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010788.D
 Acq: 10 May 2019 01:54

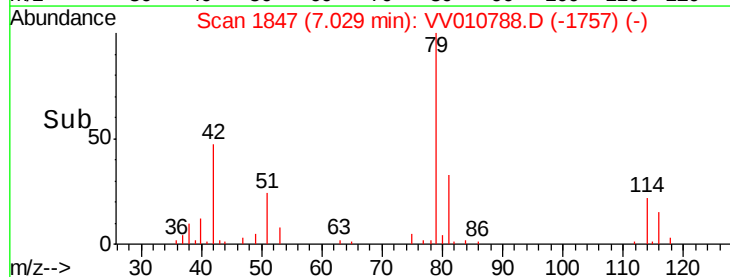
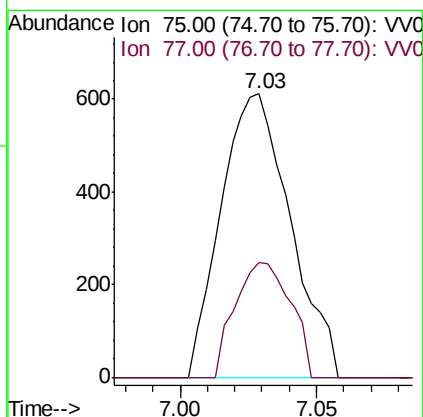
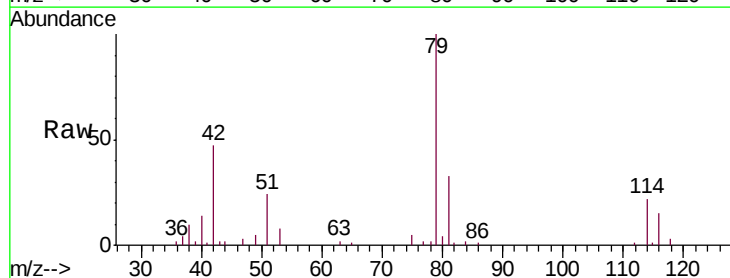
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 MSVOA_V
 ClientSampleId :
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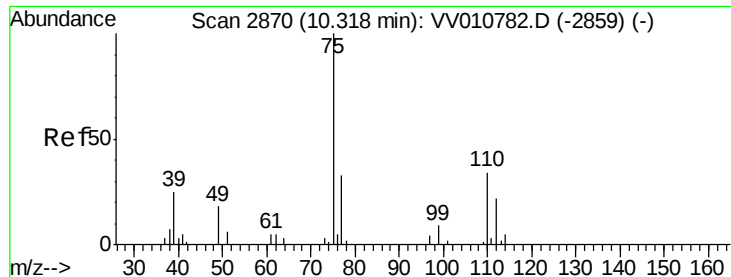
Tgt Ion: 63 Resp: 4631
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.527 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010788.D
 Acq: 10 May 2019 01:54

Tgt Ion: 75 Resp: 1079
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 3.693 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010788.D

Acq: 10 May 2019 01:54

Instrument :

MSVOA_V

ClientSampleId :

BFH67

Tgt Ion: 75 Resp: 4017

Ion Ratio Lower Upper

75 100

77 39.0 25.0 37.6#

