

Data File : VV010774.D
Acq On : 09 May 2019 18:30
Operator : SY/MD
Sample : K2693-19
Misc : 5.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHF4

Quant Time: May 10 05:47:14 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	59330	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	54916	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17791	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19046	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
7) Chloroethane-d5	1.57	69	18727	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	2.13	63	32129	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	3.94	46	14080	50.91	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
24) Chloroform-d	4.40	84	38761	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.08	65	26292	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	5.10	84	74824	25.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.56%
33) 1,2-Dichloropropane-d6	6.12	67	24818	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.80%
37) Toluene-d8	7.36	98	60902	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.00%
38) trans-1,3-Dichloropropene-	7.66	79	9521	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	8.13	63	9360	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21218	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	17476	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

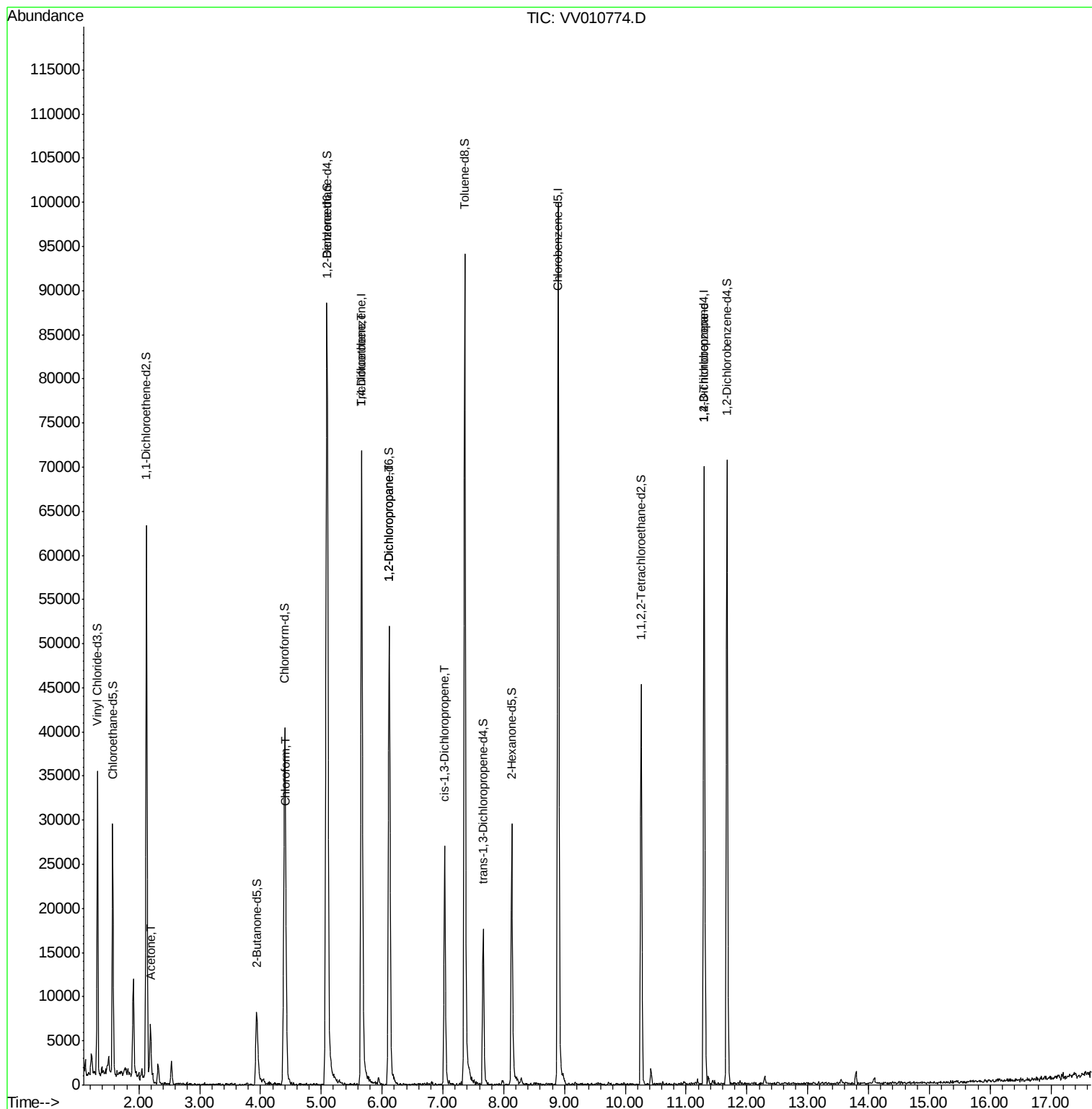
					Qvalue
13) Acetone	2.19	43	5338	12.467 ug/L	99
25) Chloroform	4.42	83	1568	0.873 ug/L #	69
35) Trichloroethene	5.66	95	1818	2.013 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	2836	3.307 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	785	0.579 ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	2663	3.697 ug/L #	88

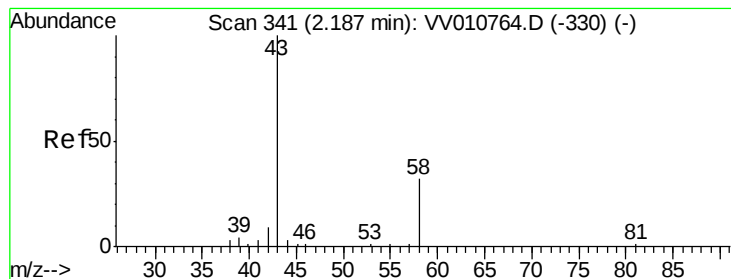
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.467 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 09 May 2019 18:30

Instrument :

MSVOA_V

ClientSampleId :

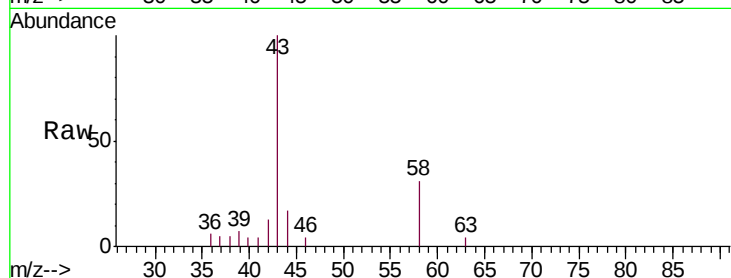
BFHF4

Tgt Ion: 43 Resp: 5338

Ion Ratio Lower Upper

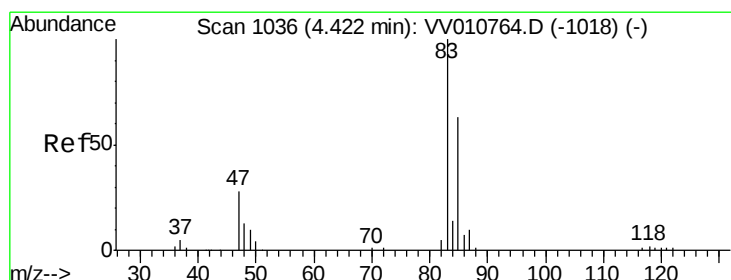
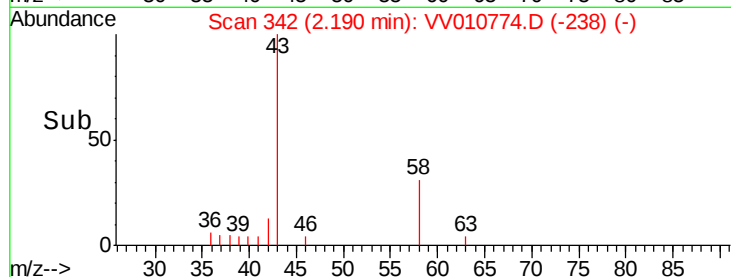
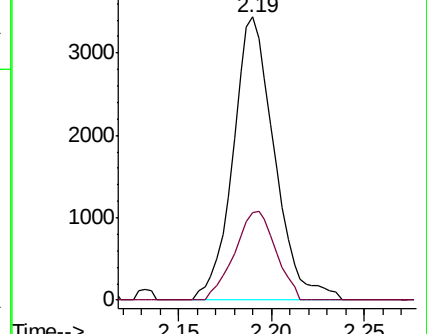
43 100

58 31.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010764.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010764.D (-330) (-)



#25

Chloroform

Concen: 0.873 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010774.D

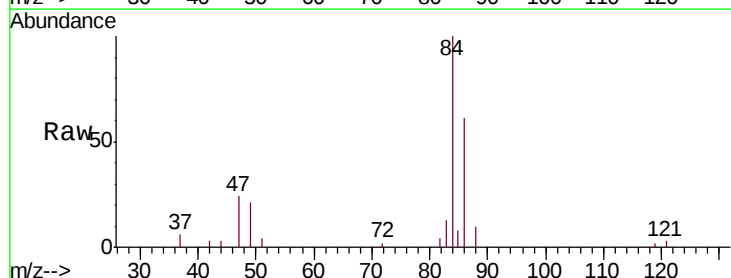
Acq: 09 May 2019 18:30

Tgt Ion: 83 Resp: 1568

Ion Ratio Lower Upper

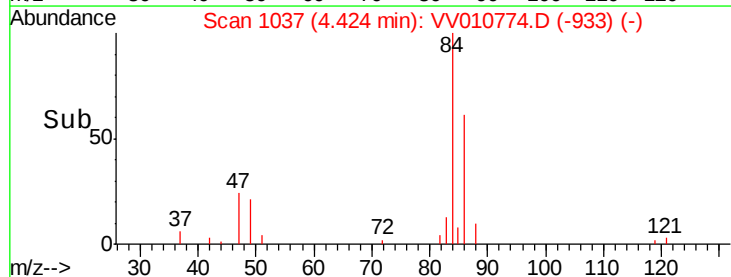
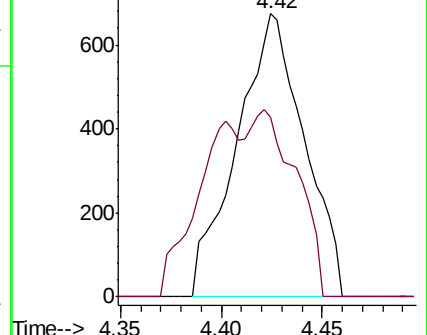
83 100

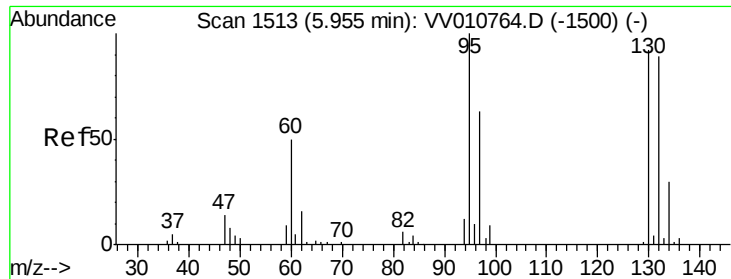
85 39.3 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010764.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010764.D (-1018) (-)





#35

Trichloroethene

Concen: 2.013 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV010774.D

Acq: 09 May 2019 18:30

Instrument :

MSVOA_V

ClientSampled :

BFHF4

Tgt Ion: 95 Resp: 1818

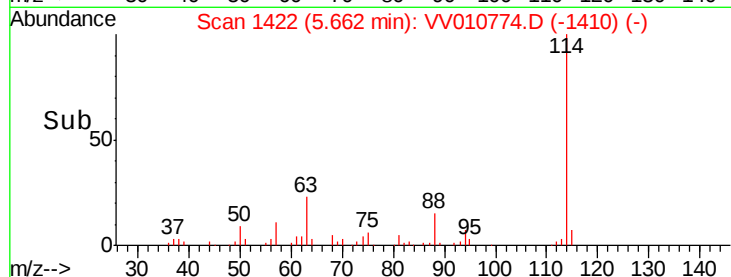
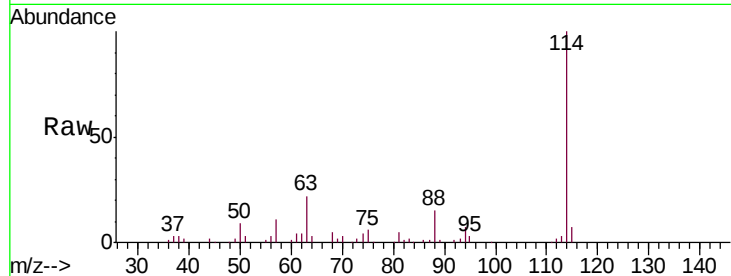
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

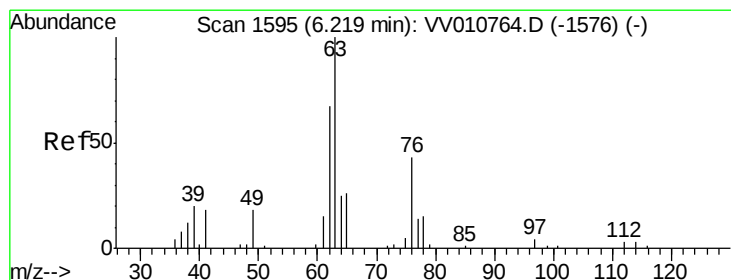
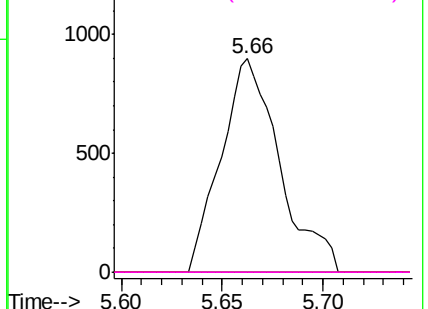


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.307 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010774.D

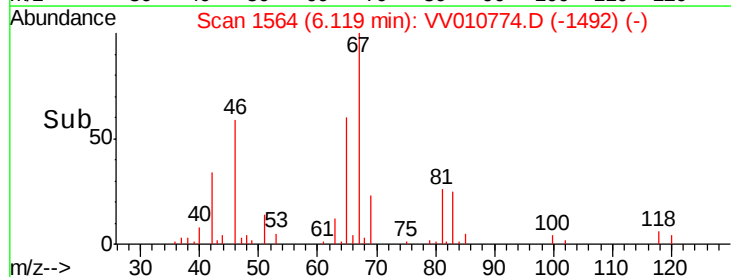
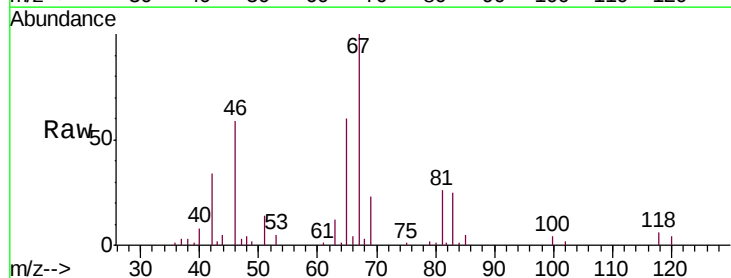
Acq: 09 May 2019 18:30

Tgt Ion: 63 Resp: 2836

Ion Ratio Lower Upper

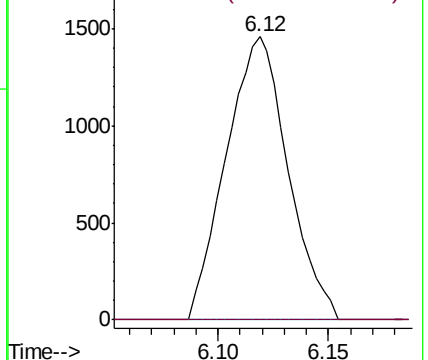
63 100

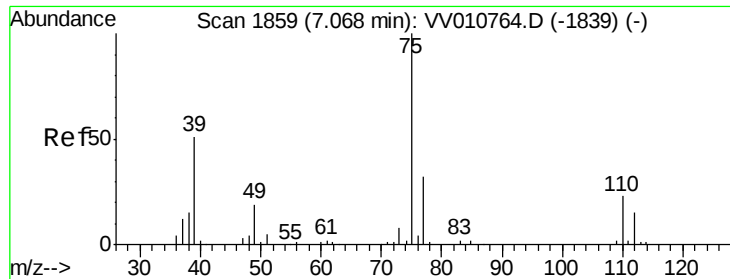
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

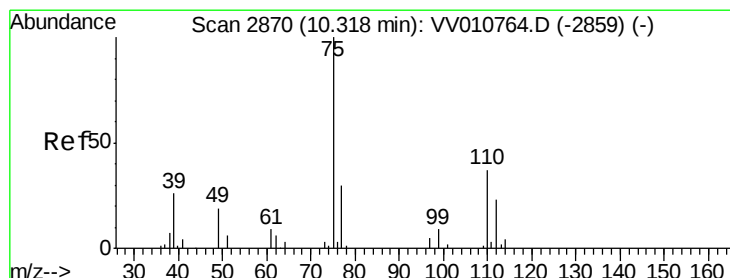
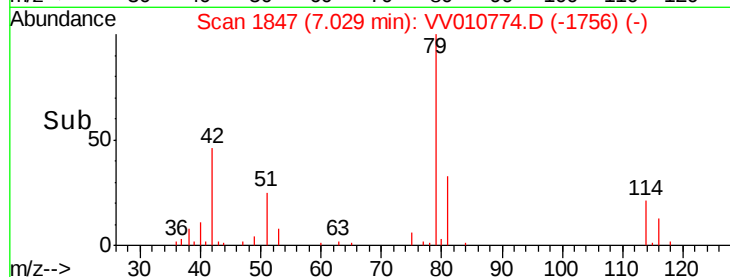
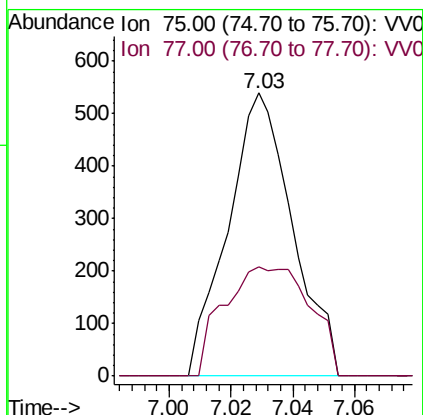
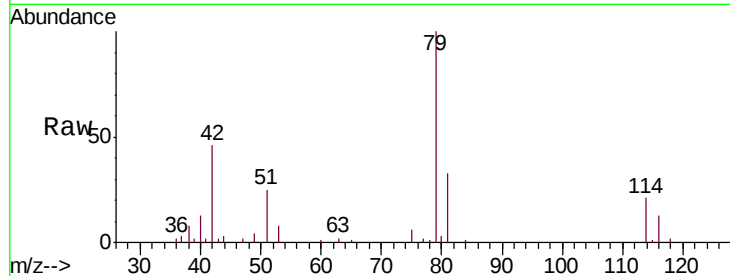




#42
 cis-1,3-Dichloropropene
 Concen: 0.579 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010774.D
 Acq: 09 May 2019 18:30

Instrument :
 MSVOA_V
 ClientSampled :
 BFHF4

Tgt Ion: 75 Resp: 785
 Ion Ratio Lower Upper
 75 100
 77 38.6 22.3 41.3



#59
 1,2,3-Trichloropropane
 Concen: 3.697 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010774.D
 Acq: 09 May 2019 18:30

Tgt Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.0 37.6#

