

Data File : VV010776.D
Acq On : 09 May 2019 19:26
Operator : SY/MD
Sample : K2693-21
Misc : 5.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHF6

Quant Time: May 10 05:47:29 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	79153	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	79656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23458	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	1.57	69	23329	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	2.13	63	40884	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	3.93	46	16382	44.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.80%
24) Chloroform-d	4.40	84	50190	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	5.08	65	31266	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	5.10	84	94185	22.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.84%
33) 1,2-Dichloropropane-d6	6.12	67	30876	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.44%
37) Toluene-d8	7.36	98	83320	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	7.66	79	12009	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	8.13	63	11663	41.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27762	22.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	32067	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

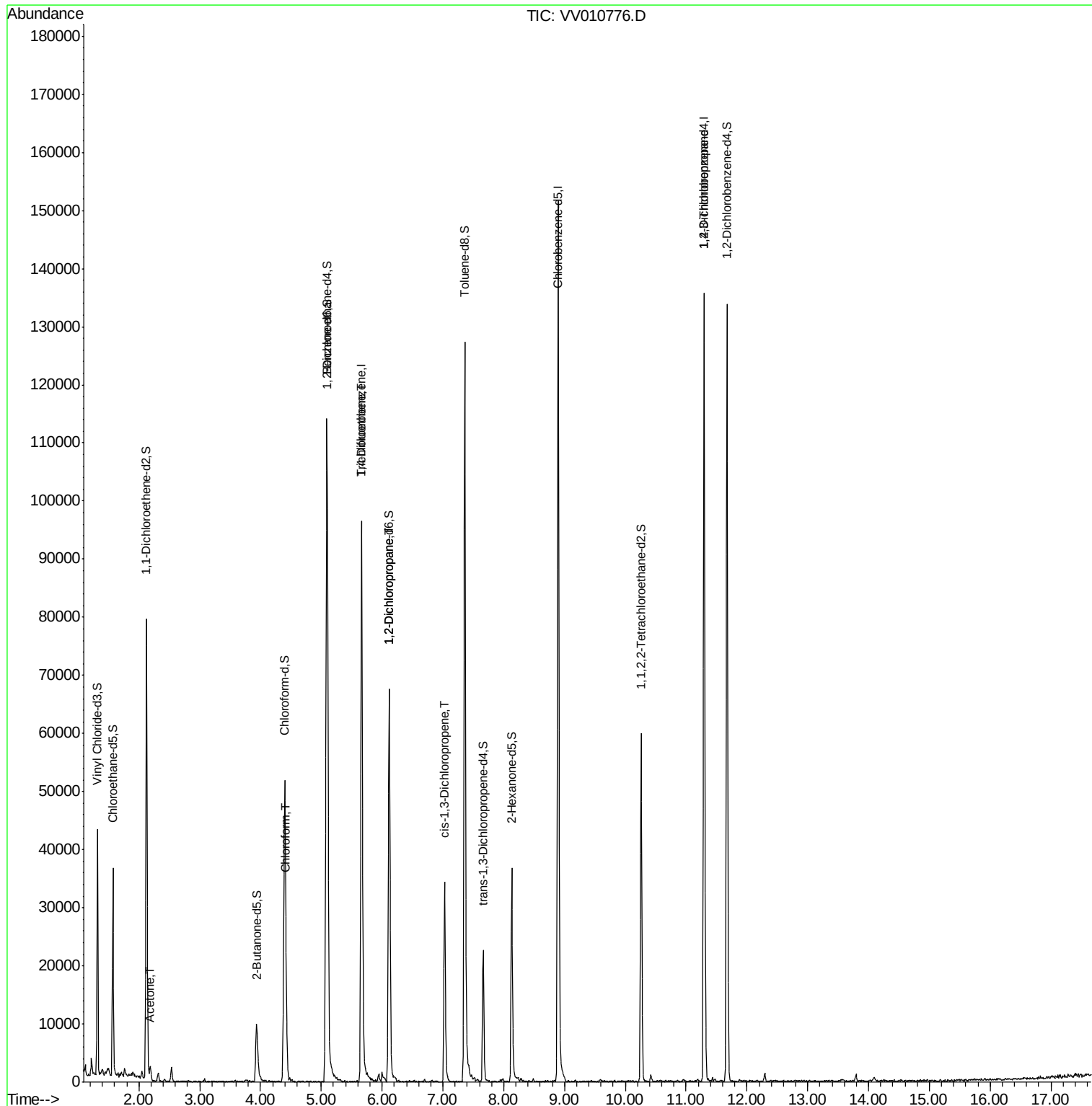
					Qvalue
13) Acetone	2.19	43	1313	2.298 ug/L	91
25) Chloroform	4.43	83	1831	0.764 ug/L #	33
35) Trichloroethene	5.66	95	2561	1.955 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	3437	2.763 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1038	0.528 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	4358	4.171 ug/L #	77

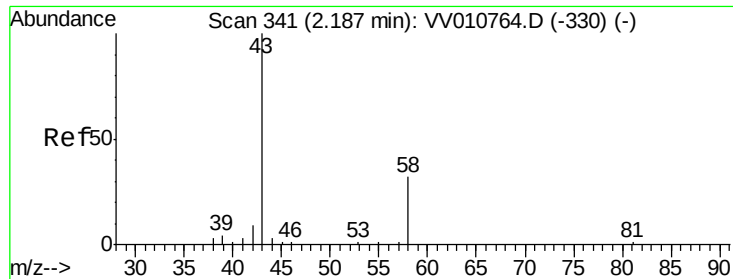
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.298 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010776.D

Acq: 09 May 2019 19:26

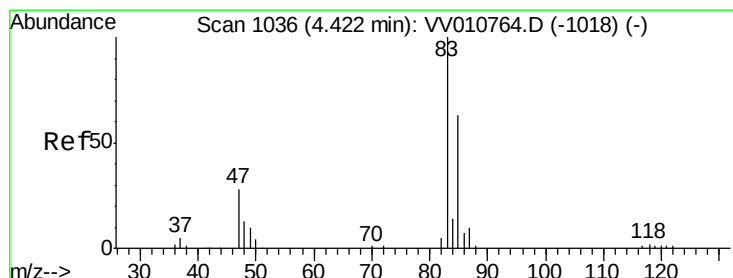
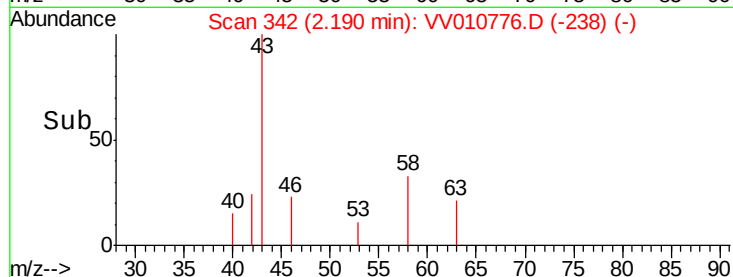
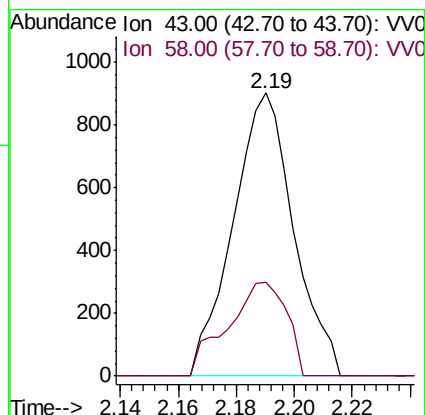
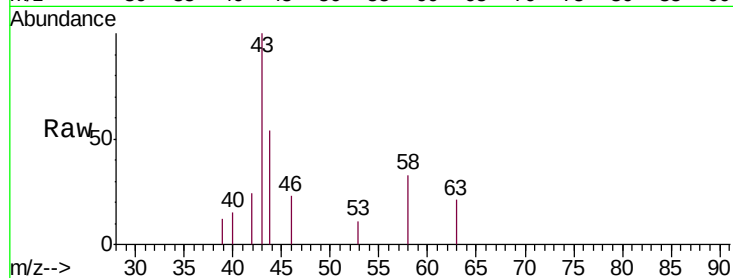
Instrument :
MSVOA_V
ClientSampled :
BFHF6

Tgt Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

58 26.9 0.0 63.4



#25

Chloroform

Concen: 0.764 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV010776.D

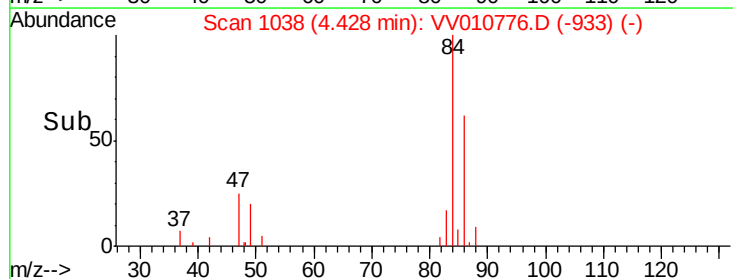
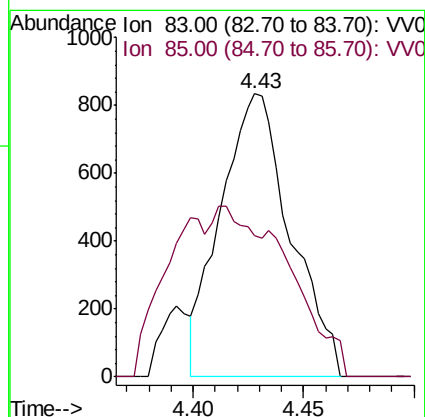
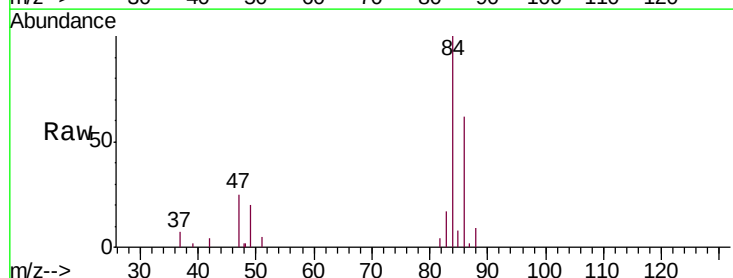
Acq: 09 May 2019 19:26

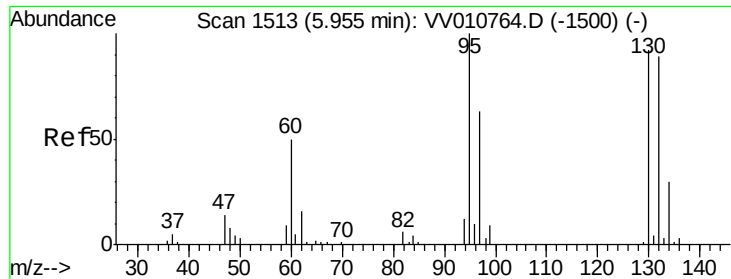
Tgt Ion: 83 Resp: 1831

Ion Ratio Lower Upper

83 100

85 11.5 44.6 82.8#





#35

Trichloroethene

Concen: 1.955 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010776.D

Acq: 09 May 2019 19:26

Instrument :

MSVOA_V

ClientSampleId :

BFHF6

Tgt Ion: 95 Resp: 2561

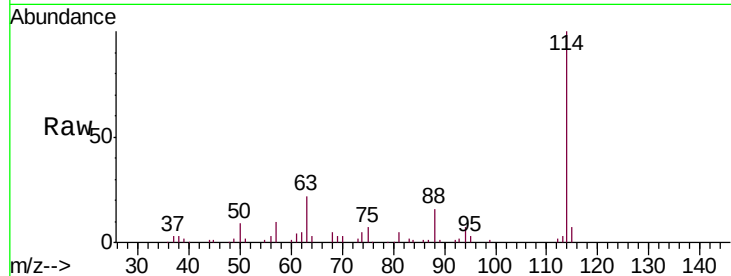
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

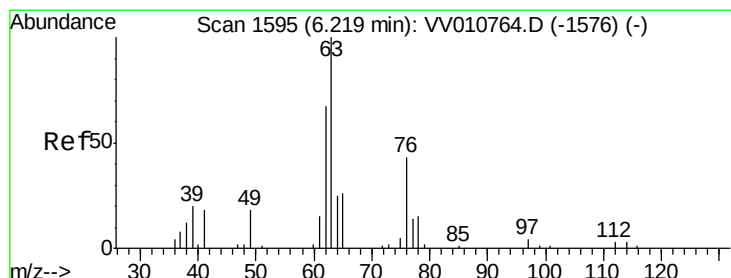
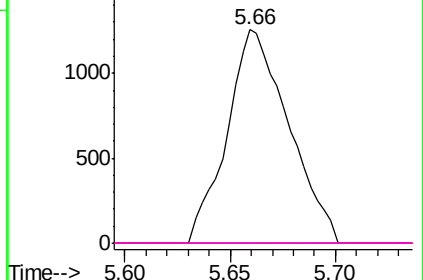
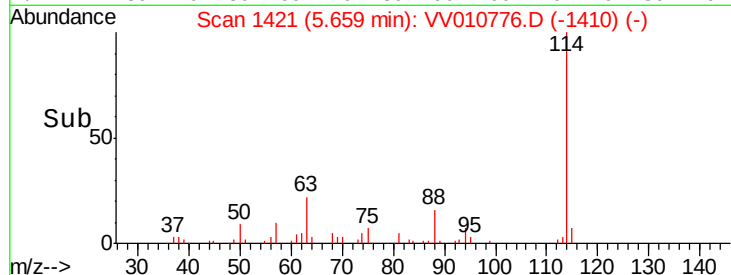


Abundance Ion 95.00 (94.70 to 95.70): VV010776.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV010776.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010776.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010776.D (-1410) (-)



#40

1,2-Dichloropropane

Concen: 2.763 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010776.D

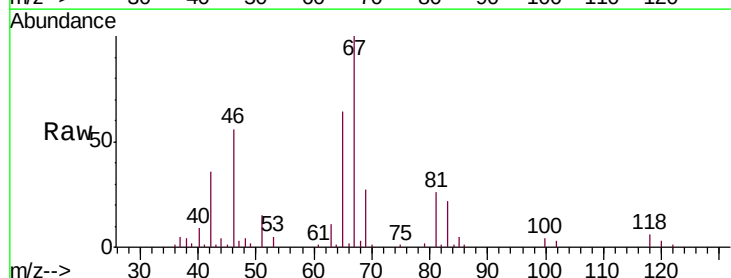
Acq: 09 May 2019 19:26

Tgt Ion: 63 Resp: 3437

Ion Ratio Lower Upper

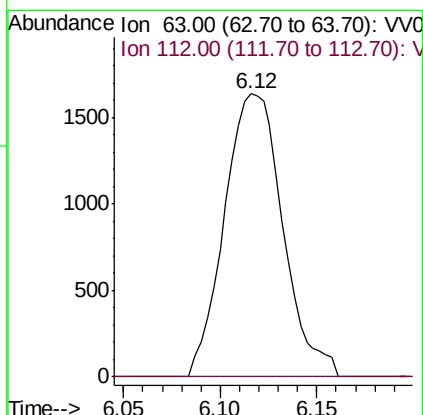
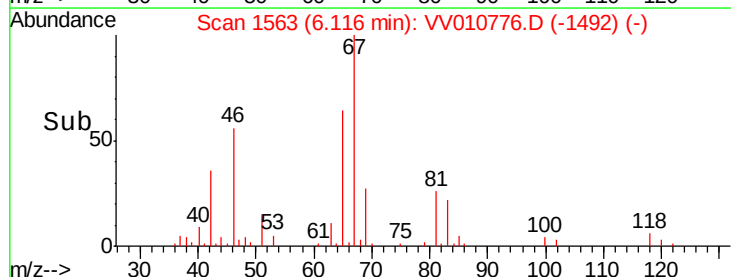
63 100

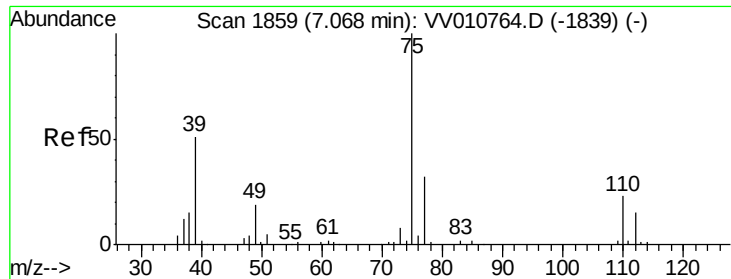
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010776.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV010776.D (-1492) (-)



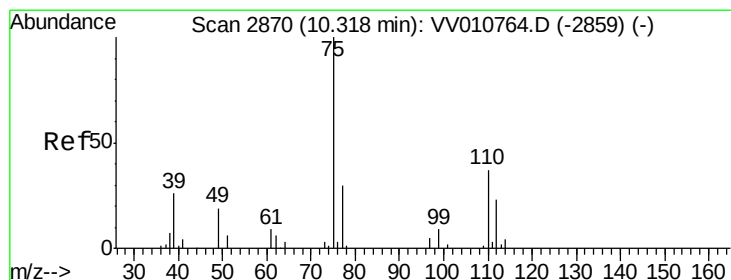
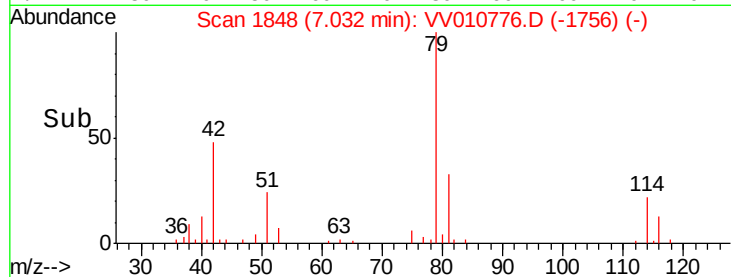
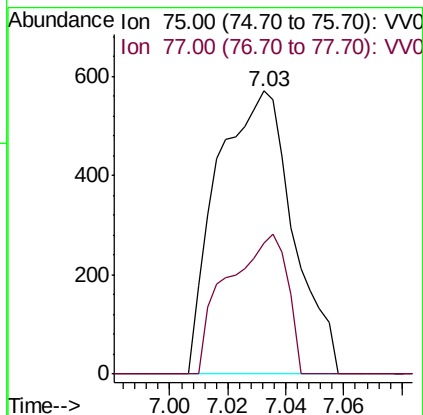
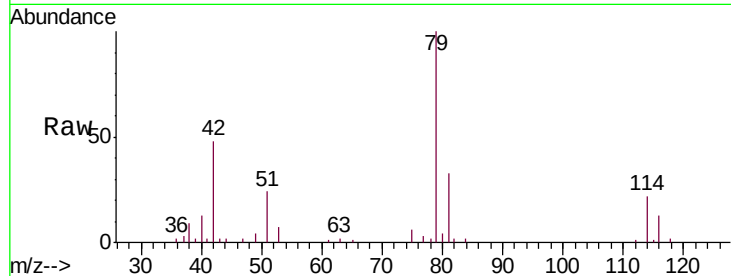


#42

cis-1,3-Dichloropropene
Concen: 0.528 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010776.D
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Instrument :
MSVOA_V
ClientSampled :
BFHF6

Tgt Ion: 75 Resp: 1038
Ion Ratio Lower Upper
75 100
77 46.1 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 4.171 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010776.D
Acq: 09 May 2019 19:26

Tgt Ion: 75 Resp: 4358
Ion Ratio Lower Upper
75 100
77 43.8 25.0 37.6#

