

Data File : VV009407.D
Acq On : 27 Feb 2019 19:10
Operator : SY/MD
Sample : K1626-12
Misc : 2.51G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF672RE

Quant Time: Feb 28 04:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148492	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129862	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34561	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
7) Chloroethane-d5	1.58	69	56081	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
10) 1,1-Dichloroethene-d2	2.12	63	75604	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	3.95	46	18159	32.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.52%
24) Chloroform-d	4.40	84	82070	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.08	65	45618	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	5.10	84	165263	23.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.76%
33) 1,2-Dichloropropane-d6	6.12	67	51116	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	7.36	98	153605	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.80%
38) trans-1,3-Dichloropropene-	7.66	79	21712	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	8.14	63	15841	37.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40478	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	41089	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

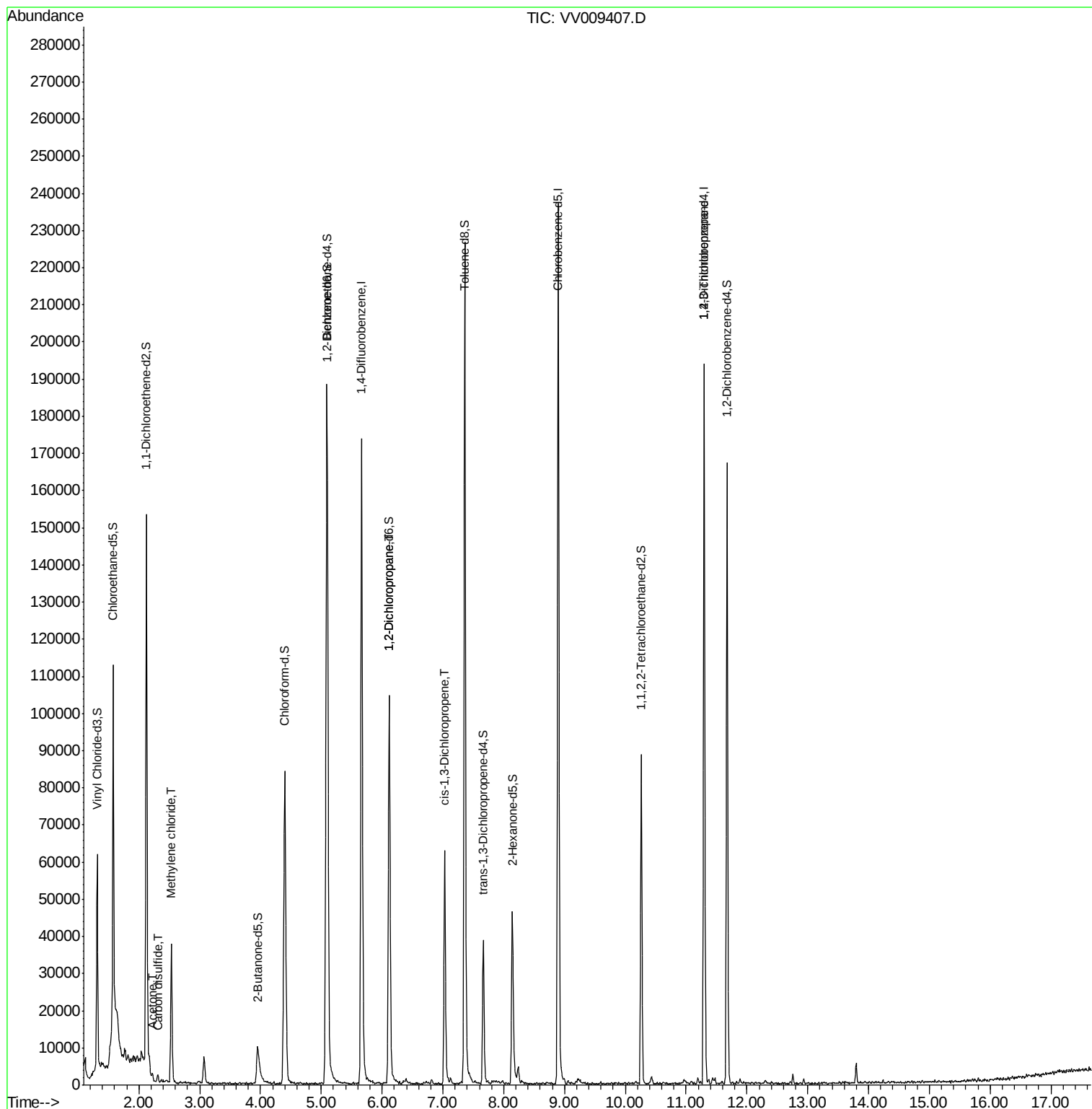
					Qvalue
13) Acetone	2.21	43	773	1.201 ug/L	93
14) Carbon disulfide	2.31	76	1761	0.318 ug/L #	74
16) Methylene chloride	2.53	84	15357	7.635 ug/L	96
40) 1,2-Dichloropropane	6.11	63	5921	3.292 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2003	0.701 ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	6777	4.710 ug/L	89

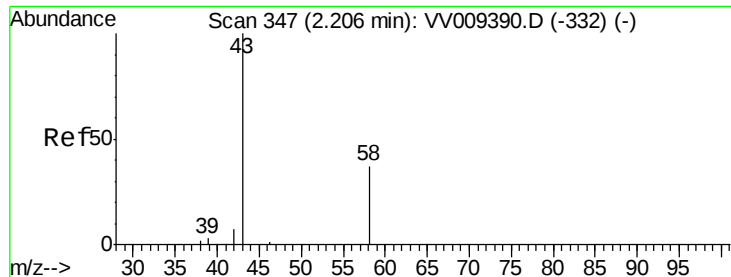
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.201 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Acq: 27 Feb 2019 19:10

Instrument :

MSVOA_V

ClientSampleId :

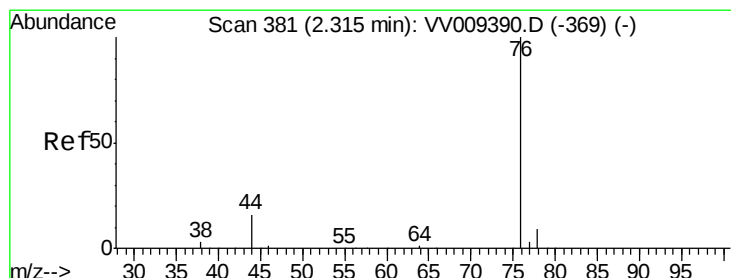
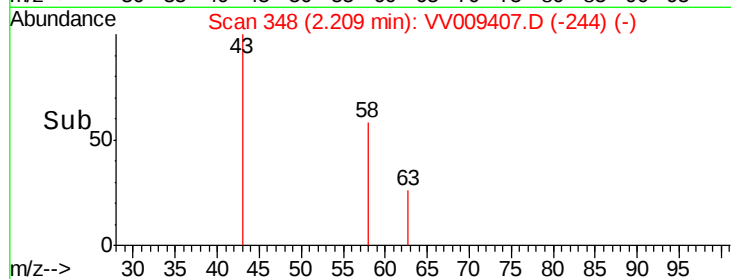
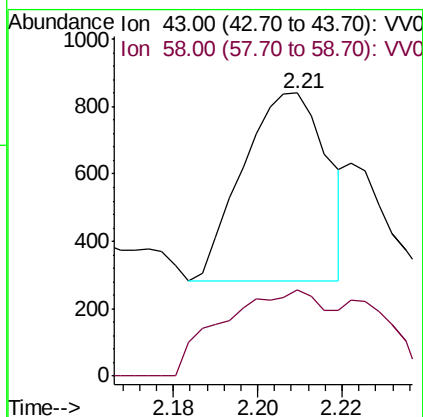
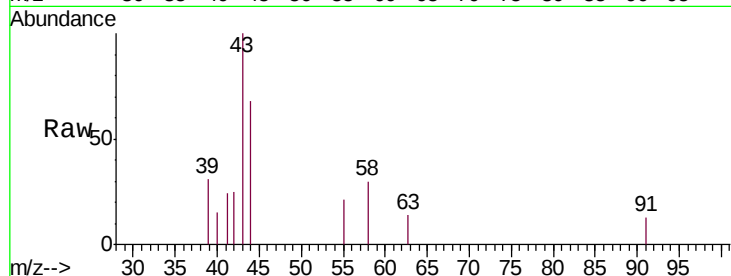
BF672RE

Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

58 30.5 0.0 68.8



#14

Carbon disulfide

Concen: 0.318 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

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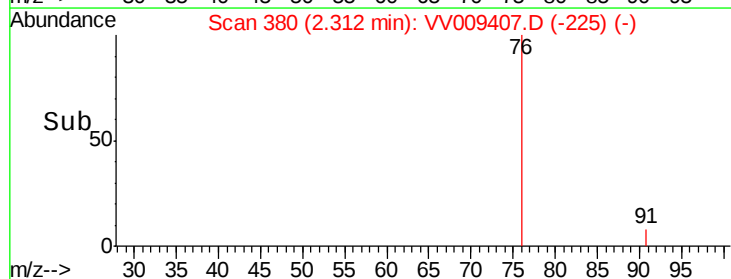
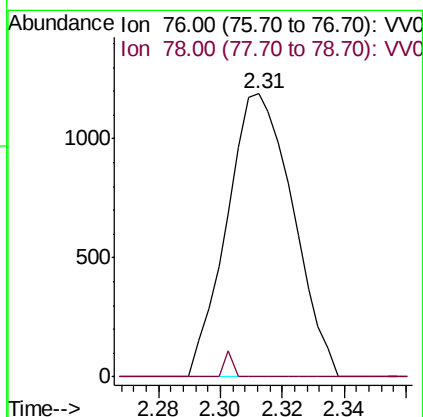
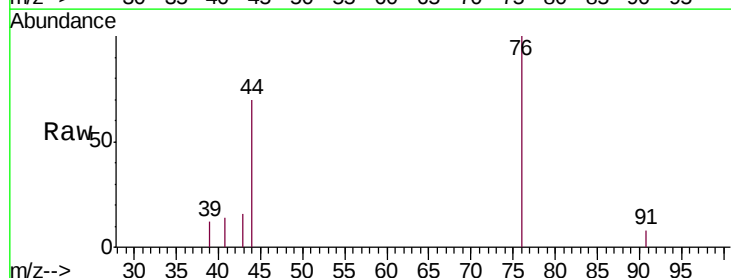
Acq: 27 Feb 2019 19:10

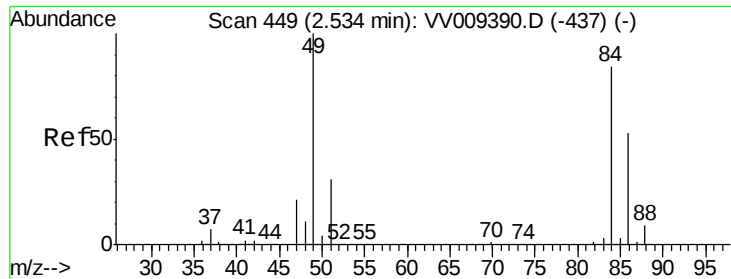
Tgt Ion: 76 Resp: 1761

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

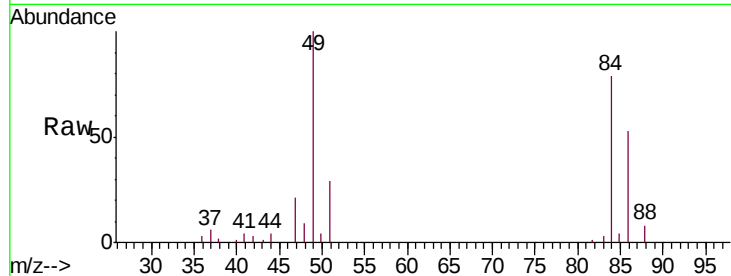




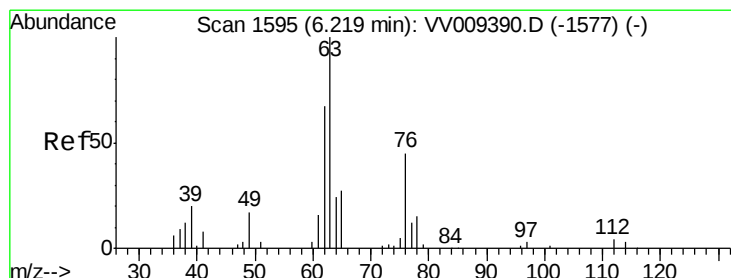
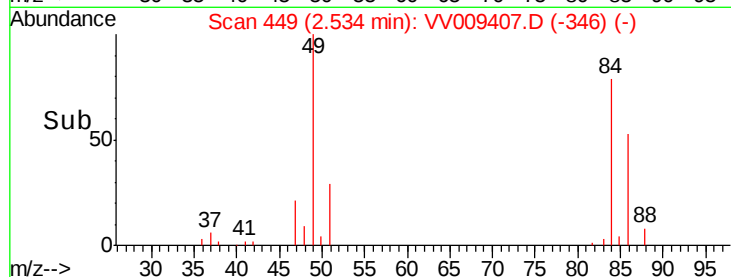
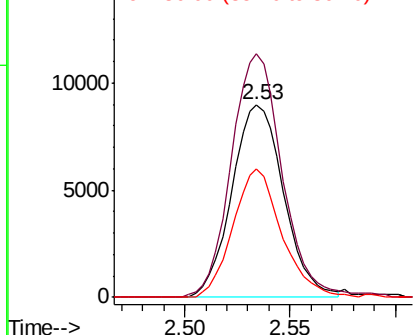
#16
Methylene chloride
Concen: 7.635 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampleId :
BF672RE

Tgt Ion: 84 Resp: 15357
Ion Ratio Lower Upper
84 100
49 126.4 84.6 157.0
86 66.8 46.1 85.7

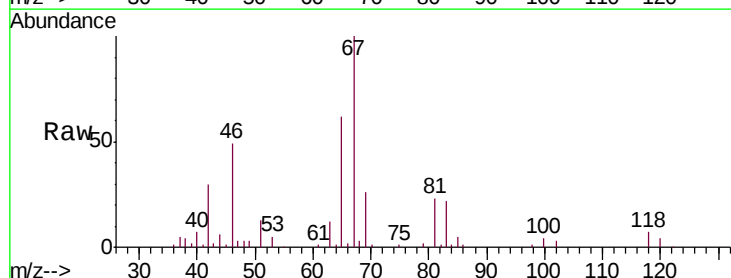


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

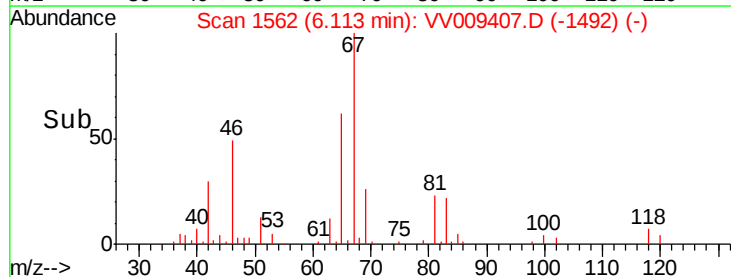
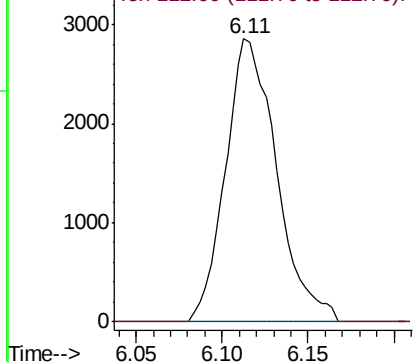


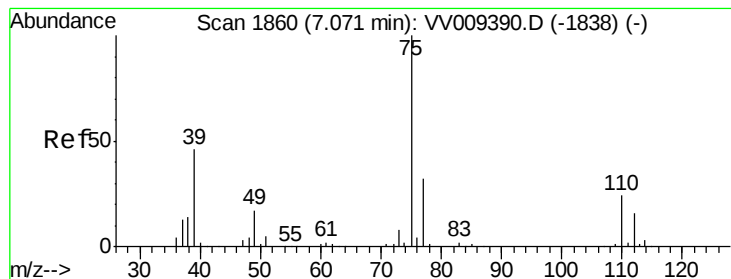
#40
1,2-Dichloropropane
Concen: 3.292 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009407.D
Acq: 27 Feb 2019 19:10

Tgt Ion: 63 Resp: 5921
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



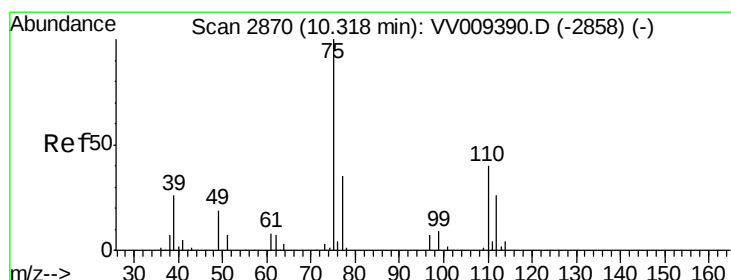
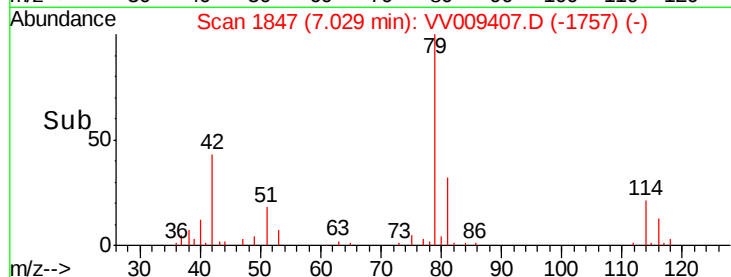
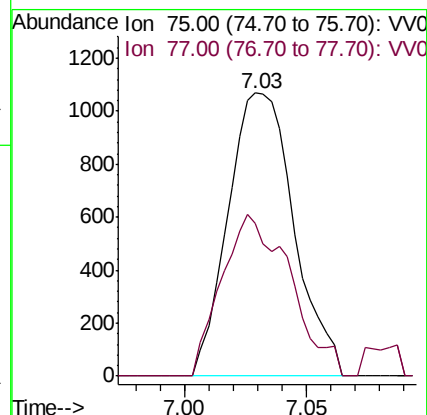
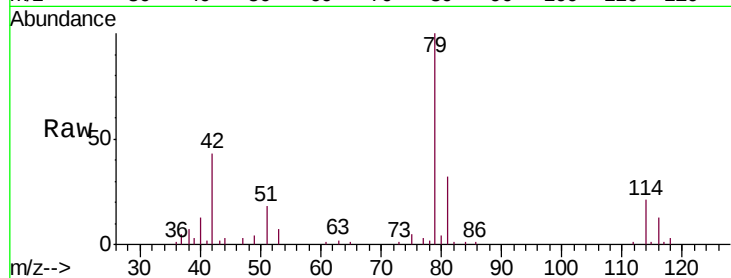


#42

cis-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009407.D
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Instrument :
MSVOA_V
ClientSampled :
BF672RE

Tgt Ion: 75 Resp: 2003
Ion Ratio Lower Upper
75 100
77 54.2 21.4 39.8#



#59

1,2,3-Trichloropropane
Concen: 4.710 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009407.D
Acq: 27 Feb 2019 19:10

Tgt Ion: 75 Resp: 6777
Ion Ratio Lower Upper
75 100
77 38.3 25.9 38.9

