

Data File : VV010826.D
Acq On : 10 May 2019 22:04
Operator : SY/MD
Sample : K2692-10
Misc : 5.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5175

Quant Time: May 11 00:26:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92564	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30437	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26624	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	1.56	69	26682	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	2.12	63	46157	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	3.93	46	25329	58.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.40%
24) Chloroform-d	4.40	84	61375	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.08	65	41421	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	5.09	84	109446	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	6.11	67	39072	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	7.36	98	91570	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	7.66	79	15021	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	8.13	63	19001	61.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35587	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	28411	24.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.40%

Target Compounds

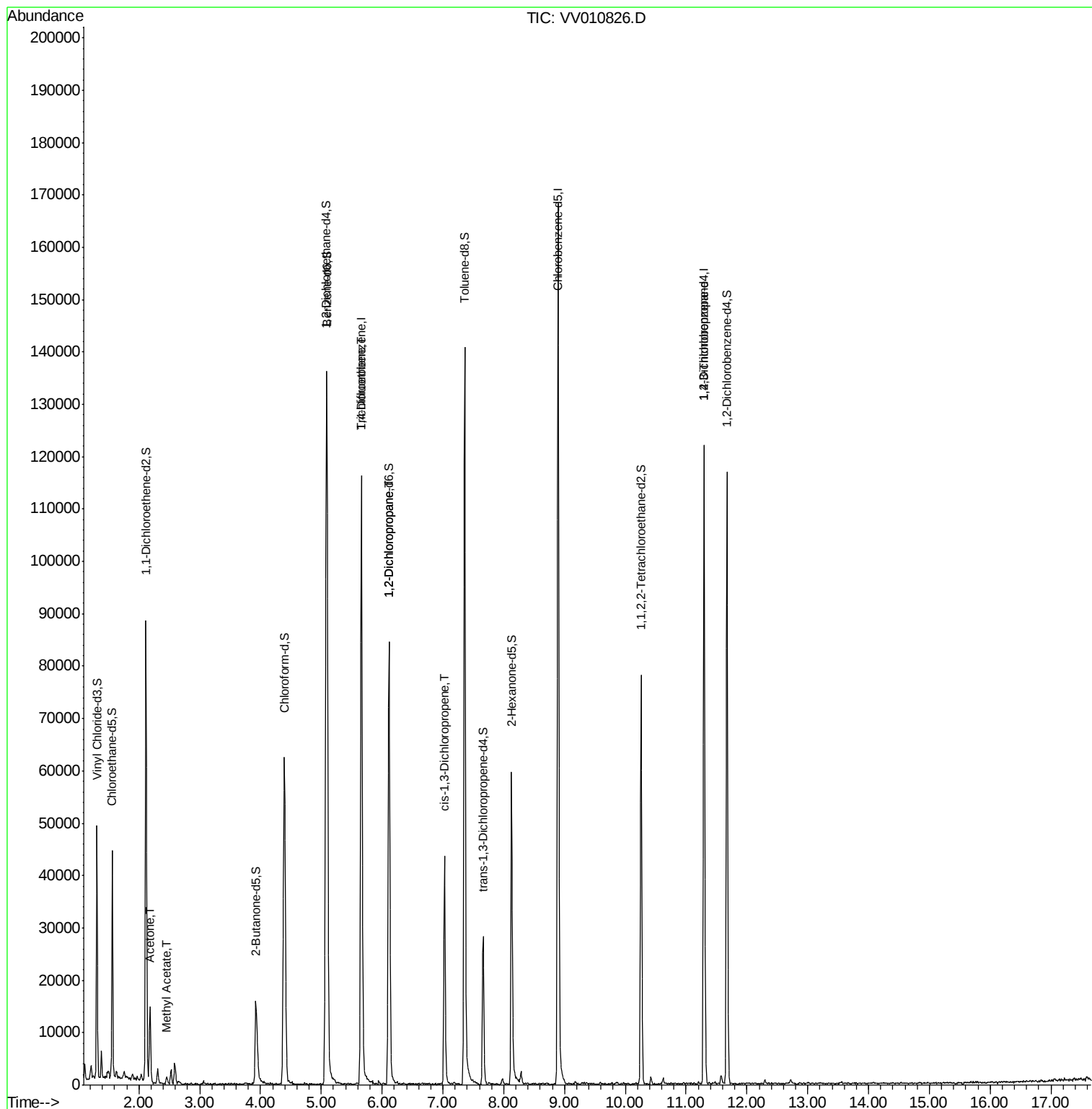
					Qvalue
13) Acetone	2.18	43	12325	18.450 ug/L	96
15) Methyl Acetate	2.46	43	1596	2.000 ug/L	97
35) Trichloroethene	5.66	95	2655	1.849 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4730	3.468 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1160	0.538 ug/L #	52
59) 1,2,3-Trichloropropane	11.30	75	4491	3.920 ug/L	98

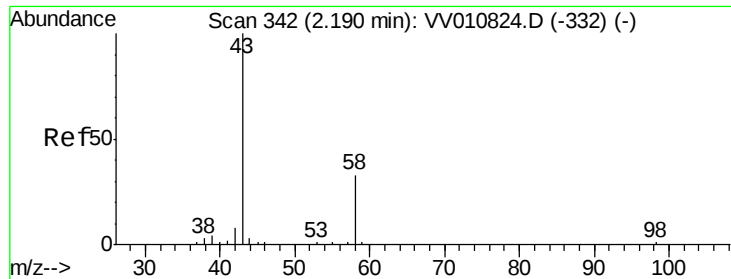
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.450 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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ClientSampleId :

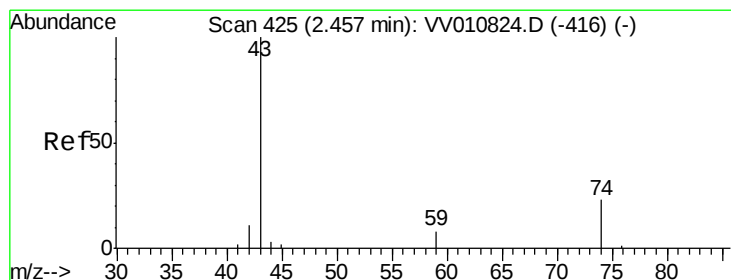
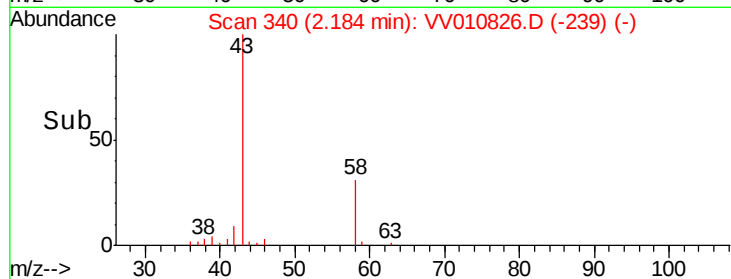
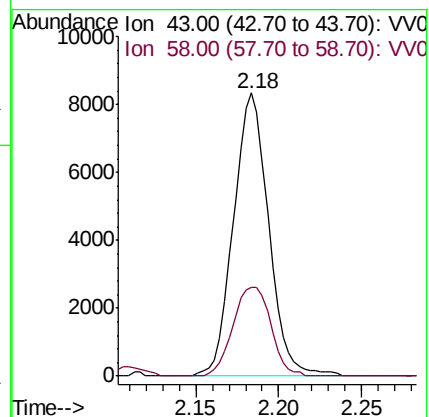
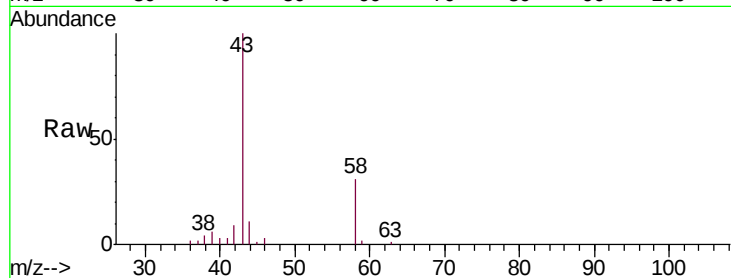
A5175

Tgt Ion: 43 Resp: 12325

Ion Ratio Lower Upper

43 100

58 33.8 0.0 63.4



#15

Methyl Acetate

Concen: 2.000 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

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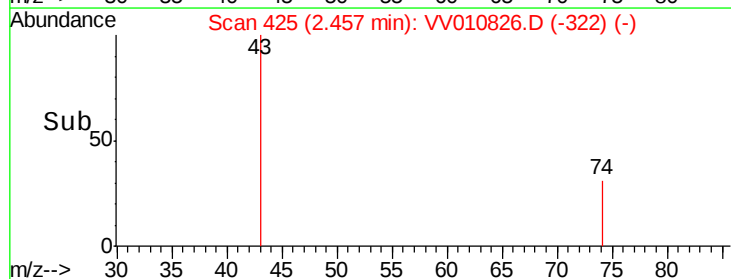
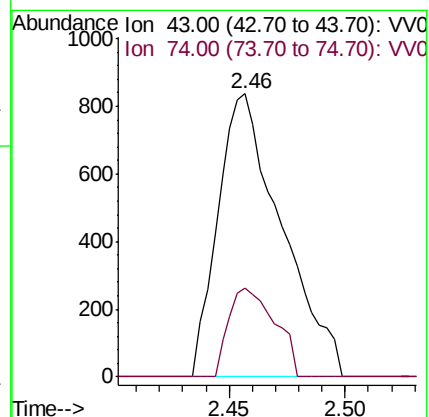
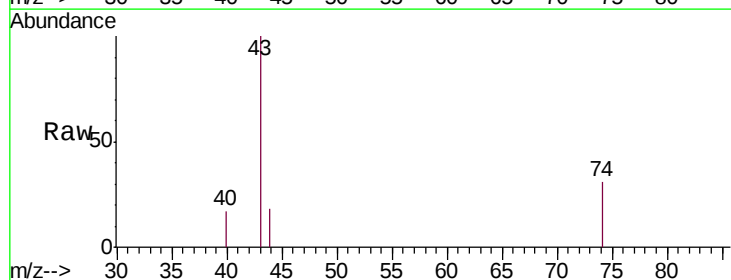
Acq: 10 May 2019 22:04

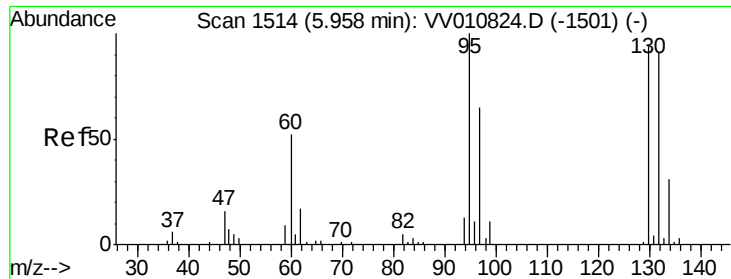
Tgt Ion: 43 Resp: 1596

Ion Ratio Lower Upper

43 100

74 22.8 17.0 25.4





#35

Trichloroethene

Concen: 1.849 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010826.D

Acq: 10 May 2019 22:04

Instrument :

MSVOA_V

ClientSampleId :

A5175

Tgt Ion: 95 Resp: 2655

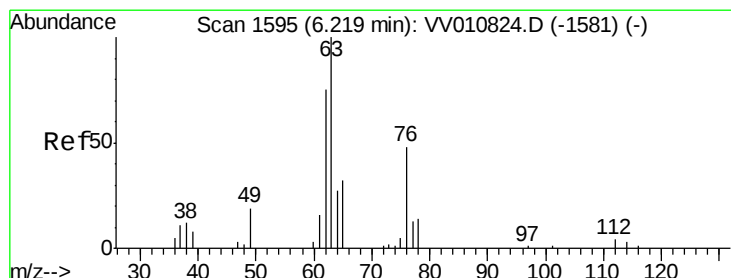
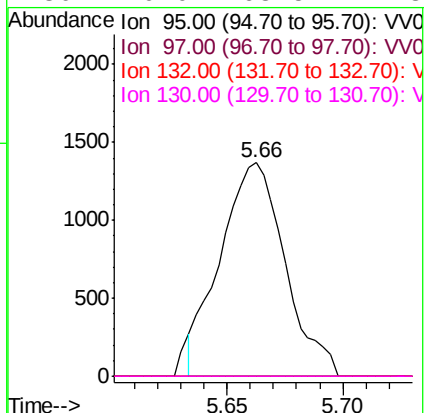
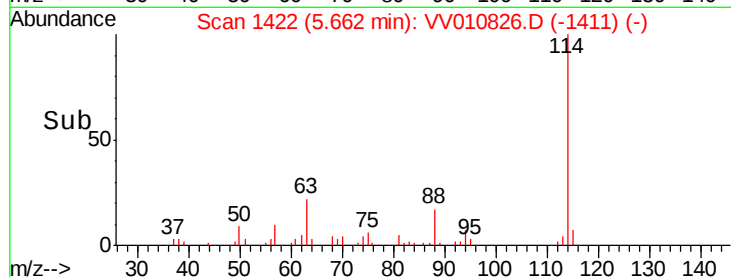
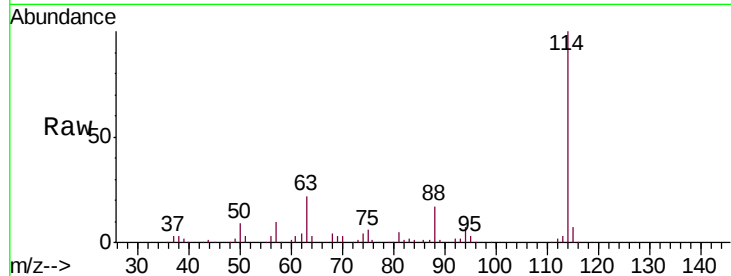
Ion Ratio Lower Upper

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: 3.468 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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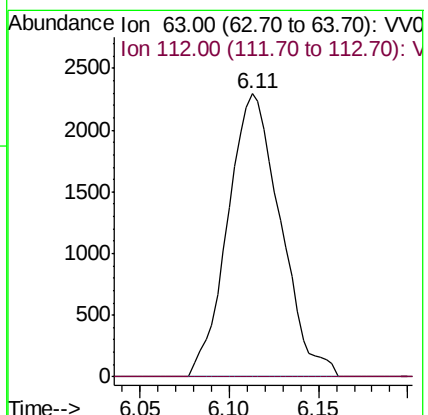
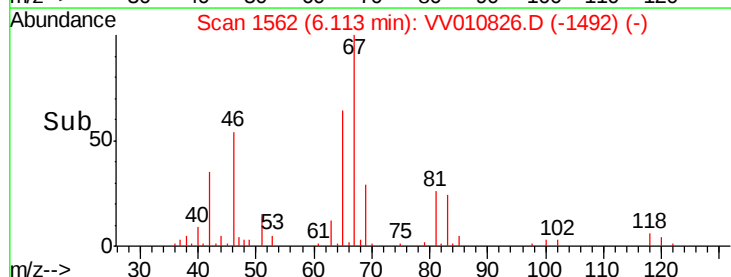
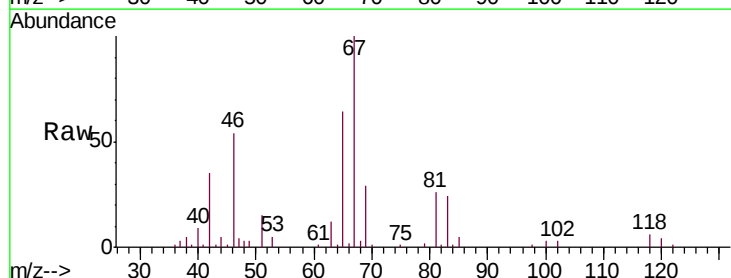
Acq: 10 May 2019 22:04

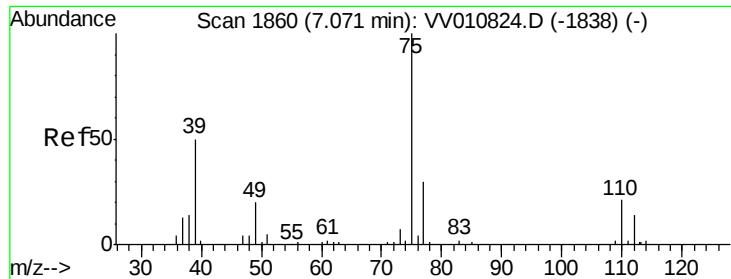
Tgt Ion: 63 Resp: 4730

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



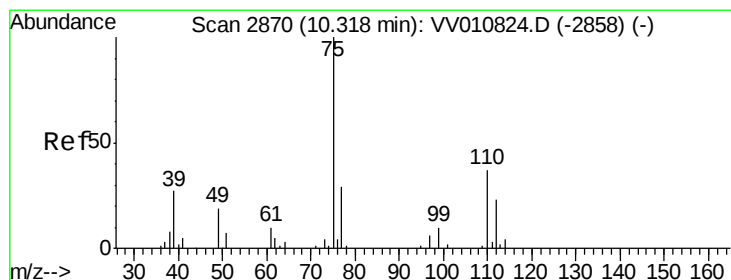
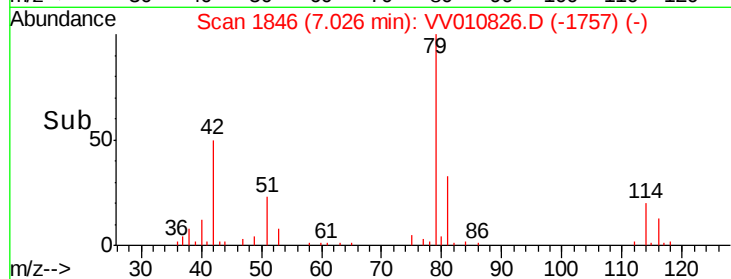
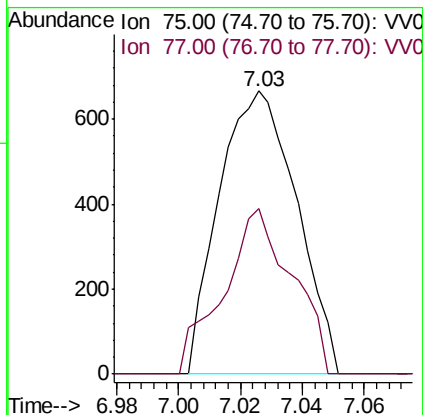
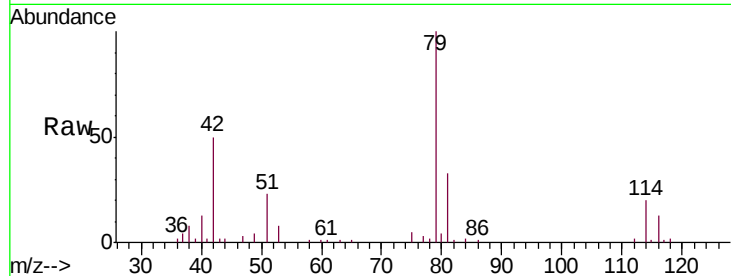


#42

cis-1,3-Dichloropropene
Concen: 0.538 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010826.D
Acq: 10 May 2019 22:04

Instrument :
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A5175

Tgt Ion: 75 Resp: 1160
Ion Ratio Lower Upper
75 100
77 58.4 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 3.920 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010826.D
Acq: 10 May 2019 22:04

Tgt Ion: 75 Resp: 4491
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

