

Data File : VV010831.D
Acq On : 11 May 2019 00:24
Operator : SY/MD
Sample : K2692-17
Misc : 6.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5180

Quant Time: May 11 00:46:38 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	92731	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25658	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	1.57	69	27102	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	2.12	63	44543	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	3.93	46	21454	49.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.26%
24) Chloroform-d	4.39	84	64626	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	5.08	65	41252	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.52%
29) Benzene-d6	5.09	84	112094	23.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%
33) 1,2-Dichloropropane-d6	6.11	67	40024	26.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.04%
37) Toluene-d8	7.36	98	94813	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	7.66	79	14680	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	8.13	63	14608	45.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36039	24.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	35035	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

Target Compounds

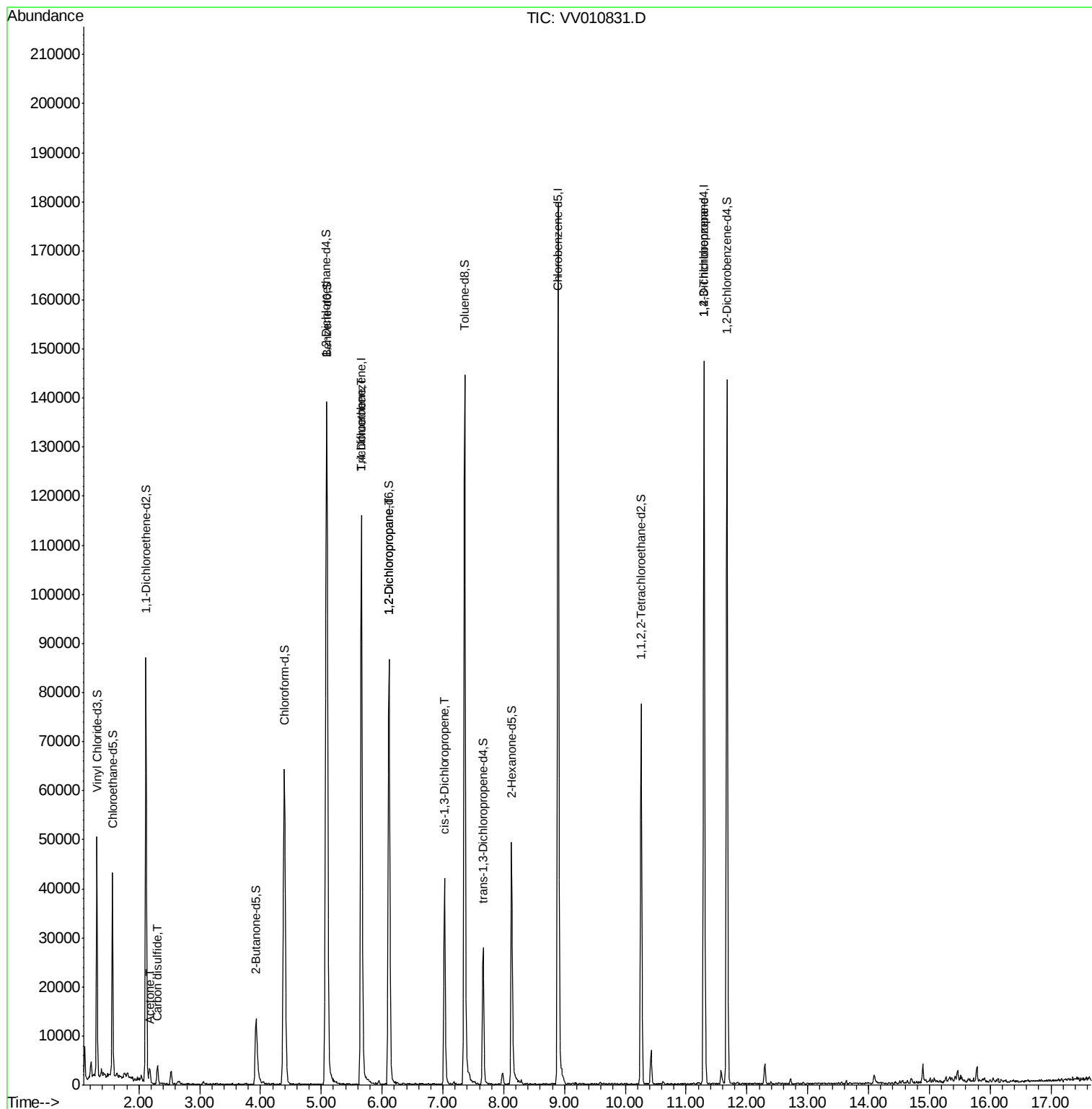
					Qvalue
13) Acetone	2.18	43	2304	3.443 ug/L	85
14) Carbon disulfide	2.31	76	3763	1.049 ug/L	95
35) Trichloroethene	5.66	95	2719	1.802 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4512	3.150 ug/L #	87
42) cis-1,3-Dichloropropene	7.02	75	1215	0.536 ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	5260	4.371 ug/L	89

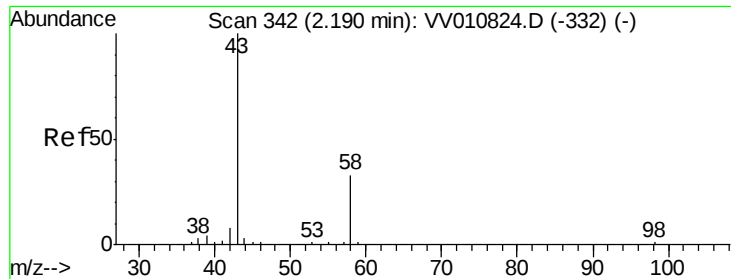
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.443 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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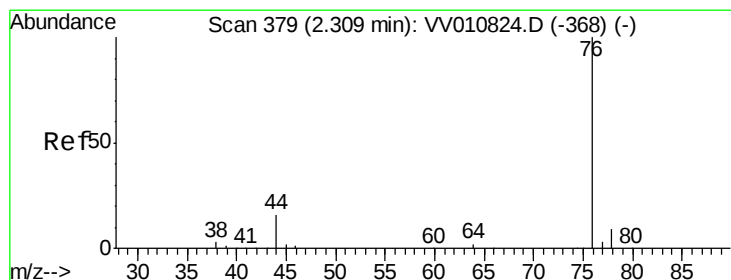
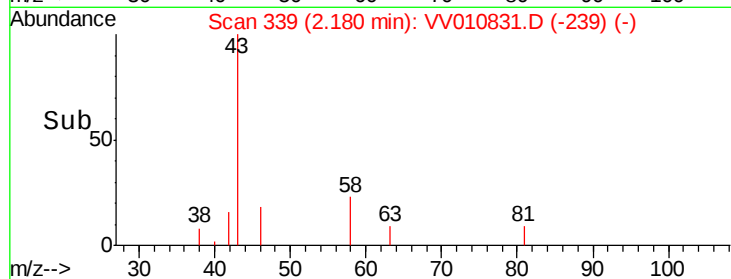
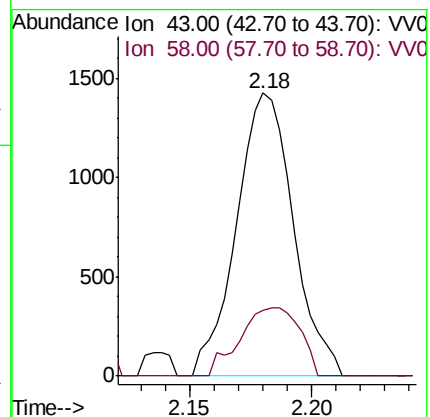
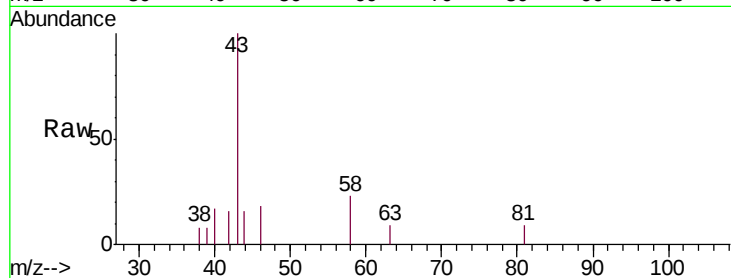
A5180

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

43 100

58 23.6 0.0 63.4



#14

Carbon disulfide

Concen: 1.049 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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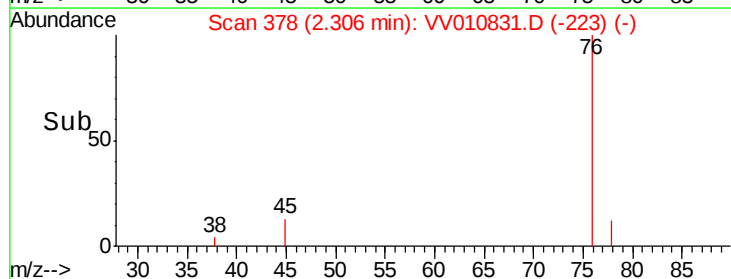
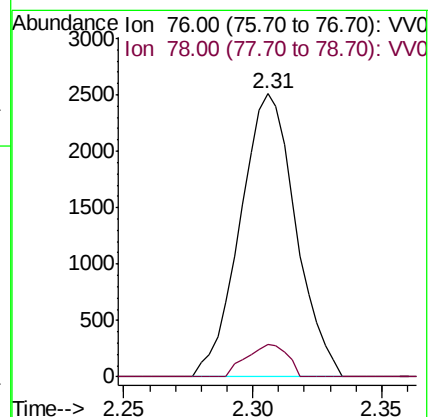
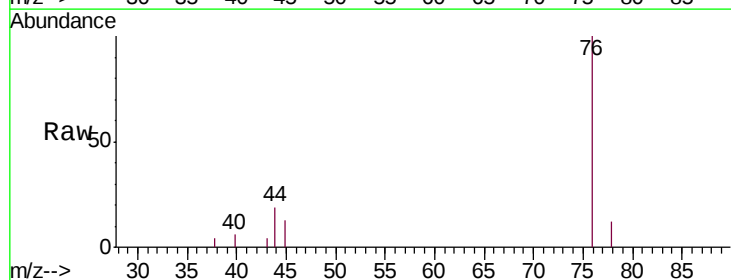
Acq: 11 May 2019 00:24

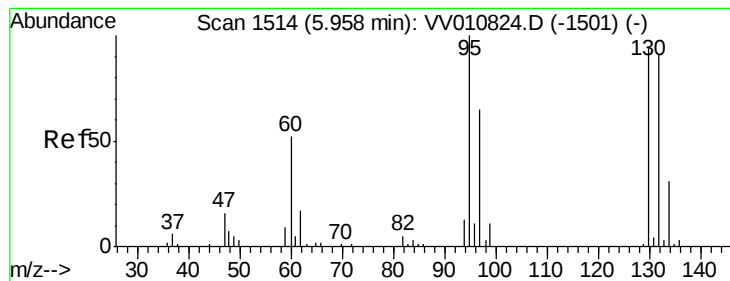
Tgt Ion: 76 Resp: 3763

Ion Ratio Lower Upper

76 100

78 11.6 7.8 11.8





#35

Trichloroethene

Concen: 1.802 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

A5180

Tgt Ion: 95 Resp: 2719

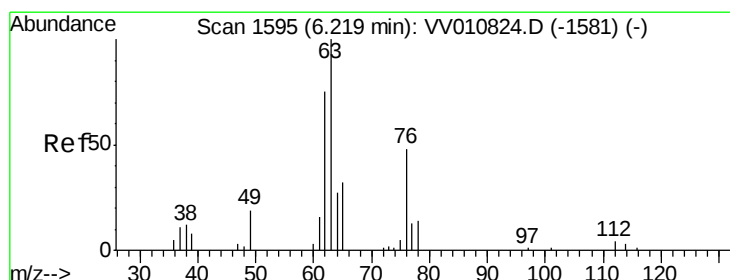
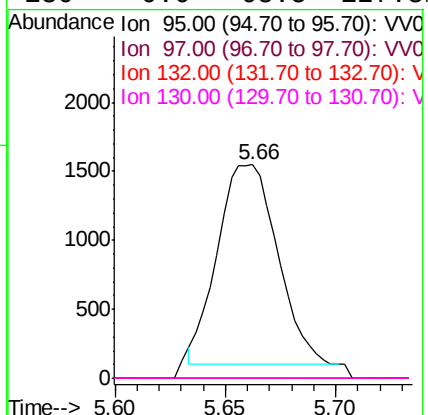
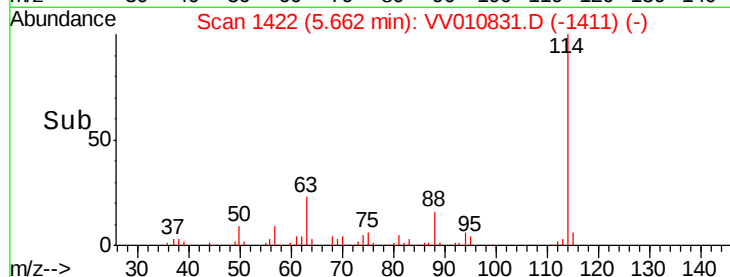
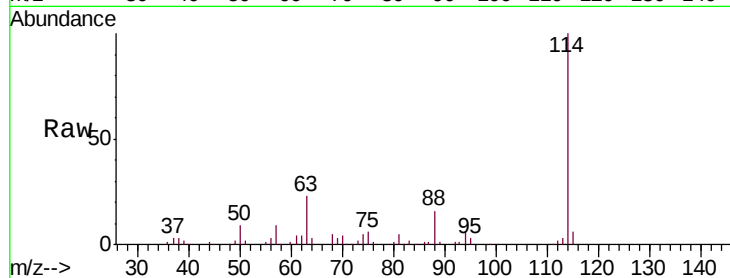
Ion Ratio Lower Upper

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: 3.150 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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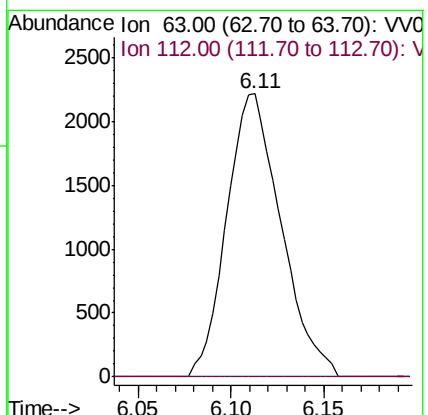
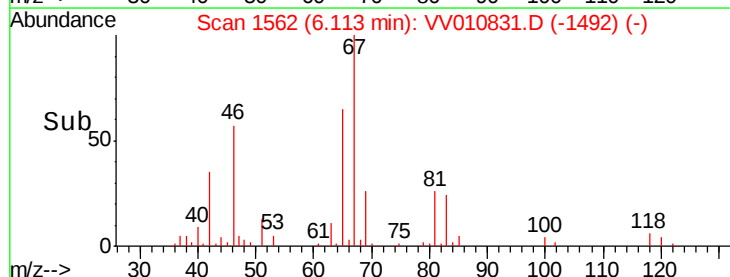
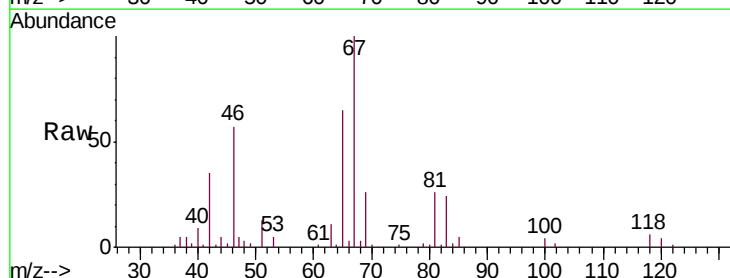
Acq: 11 May 2019 00:24

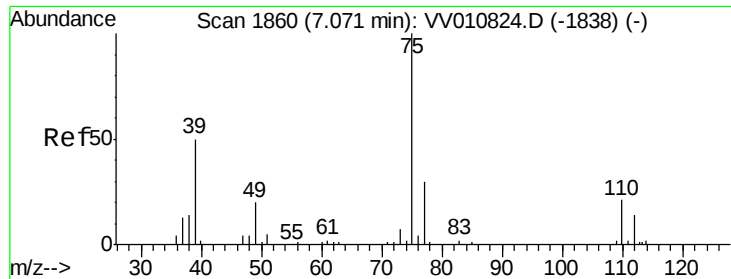
Tgt Ion: 63 Resp: 4512

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

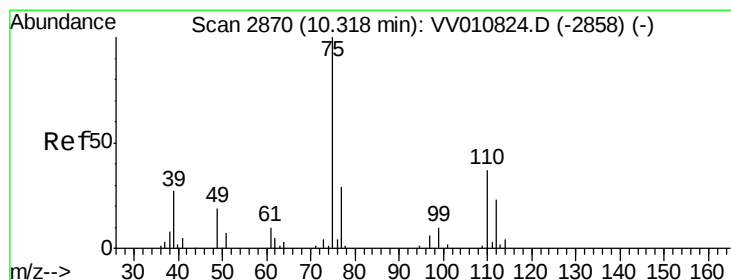
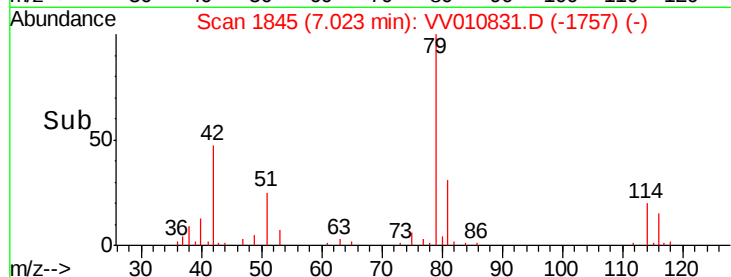
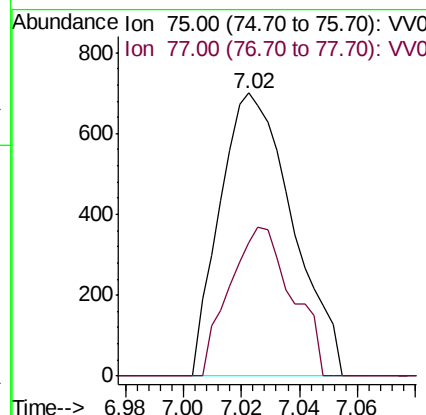
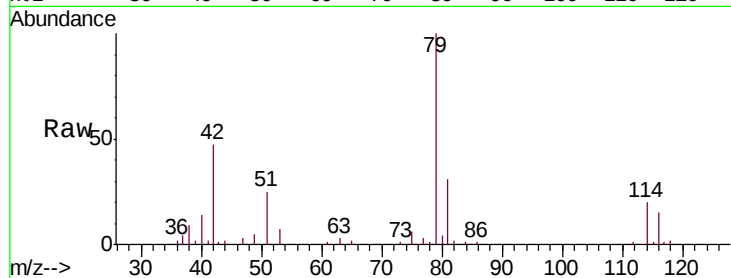




#42
 cis-1,3-Dichloropropene
 Concen: 0.536 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010831.D
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 A5180

Tgt Ion: 75 Resp: 1215
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.371 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010831.D
 Acq: 11 May 2019 00:24

Tgt Ion: 75 Resp: 5260
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.0 37.6

