

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010254.D
 Acq On : 11 Apr 2019 19:41
 Operator : SY/MD
 Sample : K2278-10
 Misc : 4.71G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y0

Quant Time: Apr 12 01:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	310420	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	298873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	138795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56300	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.04%
7) Chloroethane-d5	1.57	69	58536	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	2.13	63	118026	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	3.93	46	44508	49.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.44%
24) Chloroform-d	4.40	84	141636	19.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.08	65	89146	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	5.10	84	301537	20.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.68%
33) 1,2-Dichloropropane-d6	6.12	67	94129	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.84%
37) Toluene-d8	7.36	98	275097	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	7.66	79	33829	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.72%
39) 2-Hexanone-d5	8.13	63	30777	41.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85896	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	114054	22.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.00%

Target Compounds

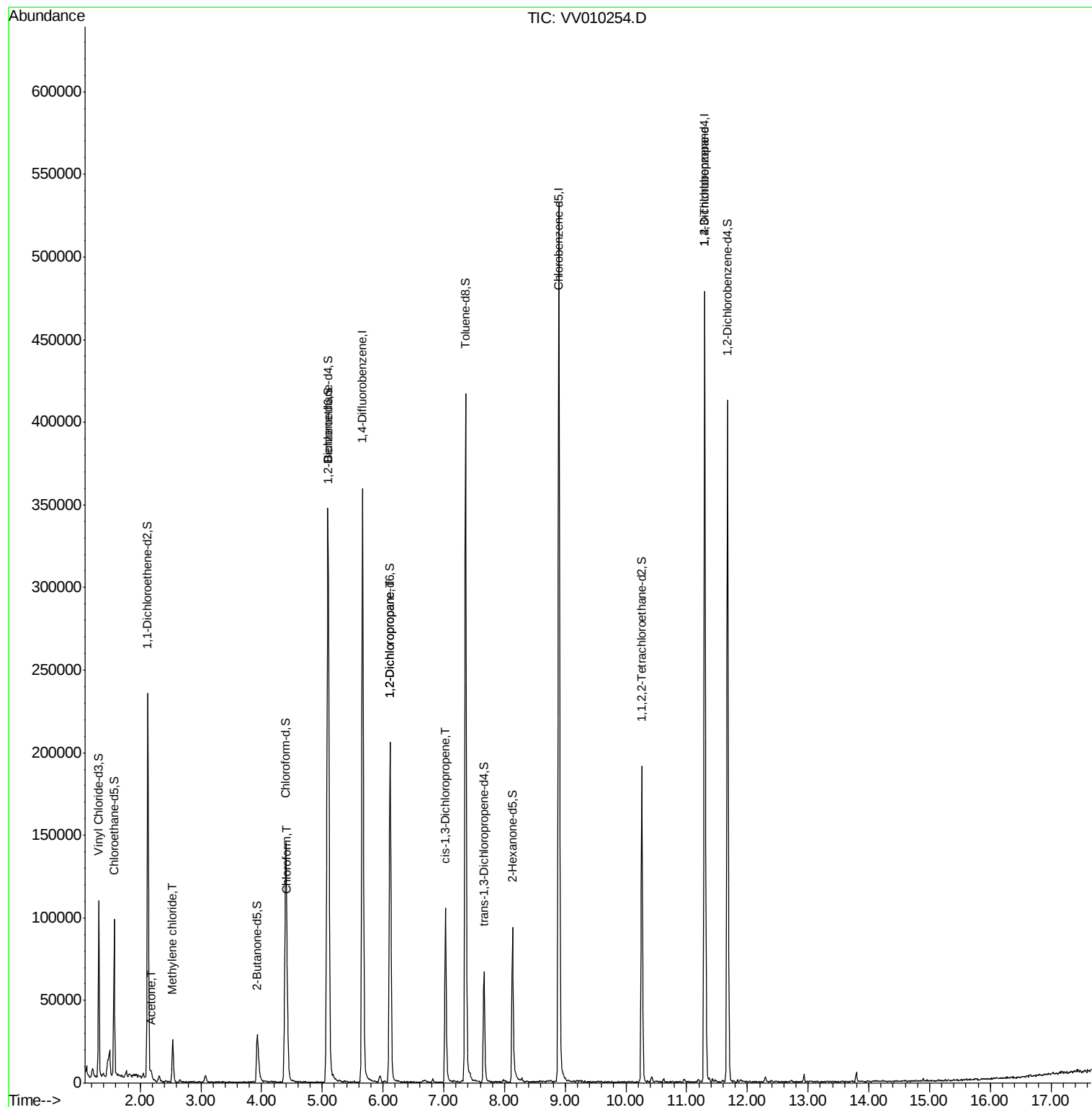
					Qvalue
13) Acetone	2.19	43	2009	2.079 ug/L	99
16) Methylene chloride	2.54	84	10750	1.768 ug/L	94
25) Chloroform	4.43	83	13347	1.755 ug/L	87
40) 1,2-Dichloropropane	6.12	63	11558	3.118 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3370	0.600 ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	15340	5.363 ug/L	92

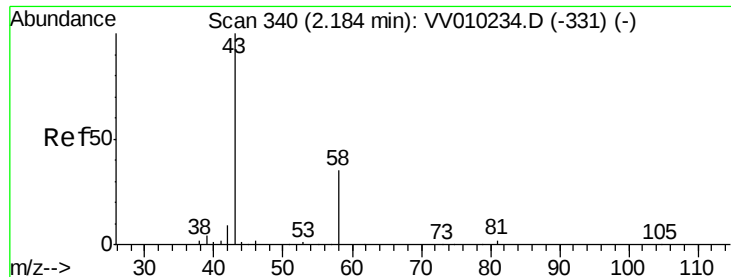
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:24:48 2019
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#13

Acetone

Concen: 2.079 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

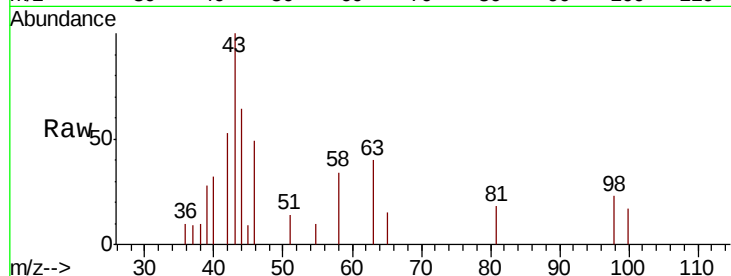
DB6Y0

Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

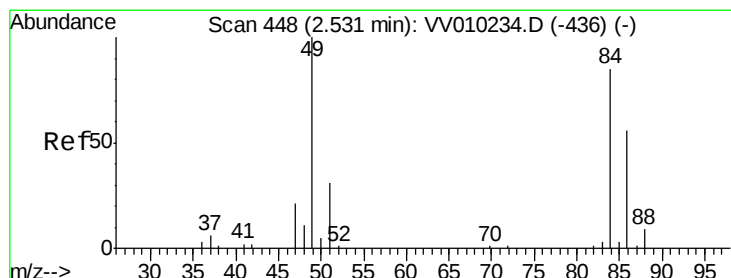
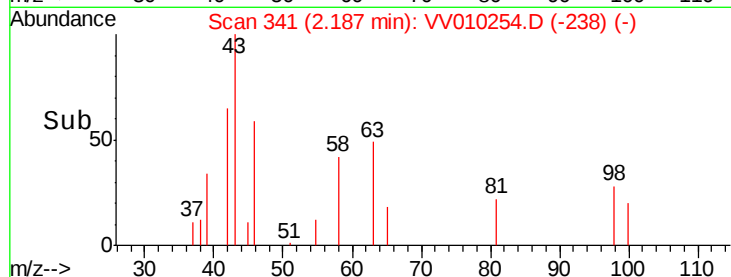
2.19

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.768 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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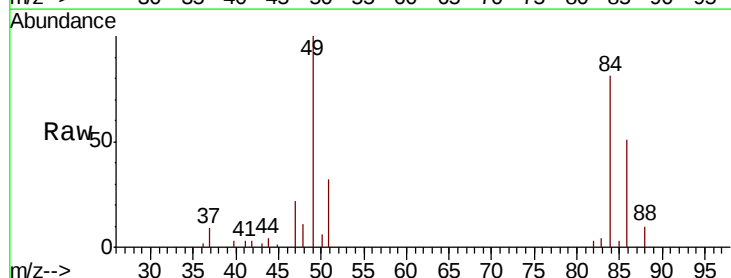
Tgt Ion: 84 Resp: 10750

Ion Ratio Lower Upper

84 100

49 124.2 79.9 148.5

86 62.8 44.5 82.7



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

10000

8000

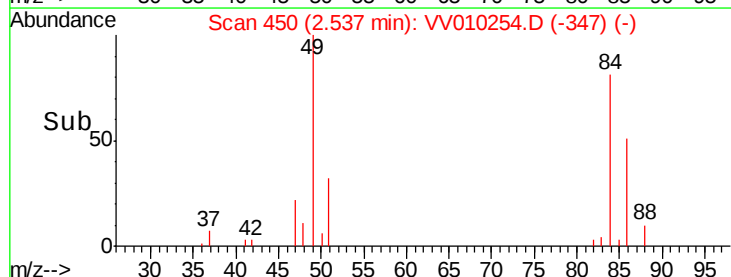
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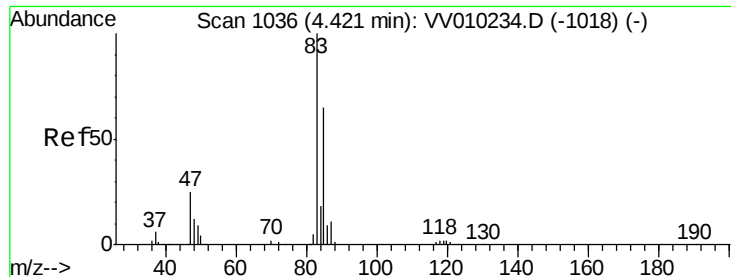
4000

2000

0

Time-->





#25

Chloroform

Concen: 1.755 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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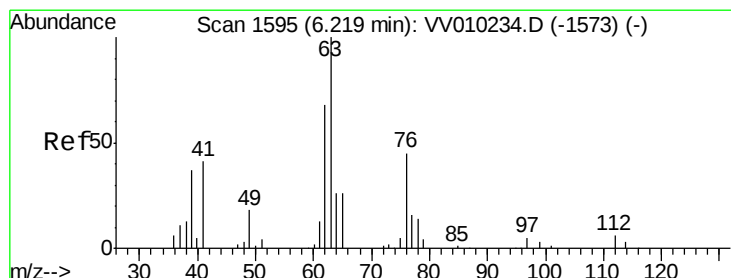
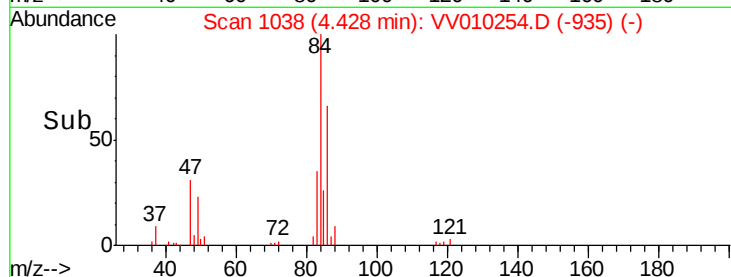
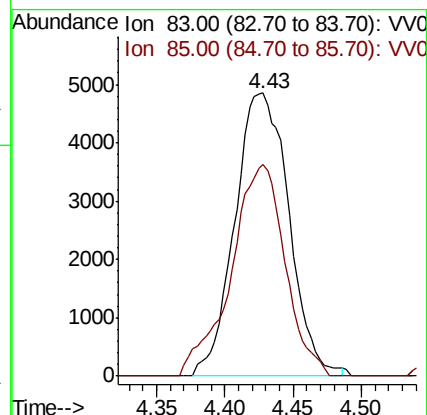
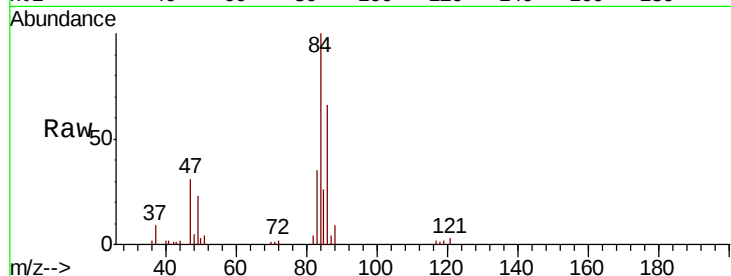
DB6Y0

Tgt Ion: 83 Resp: 13347

Ion Ratio Lower Upper

83 100

85 74.9 45.4 84.2



#40

1,2-Dichloropropane

Concen: 3.118 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV010254.D

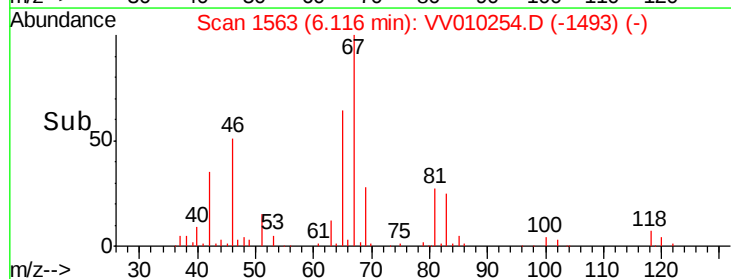
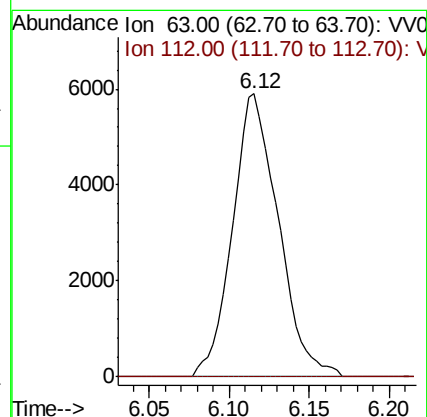
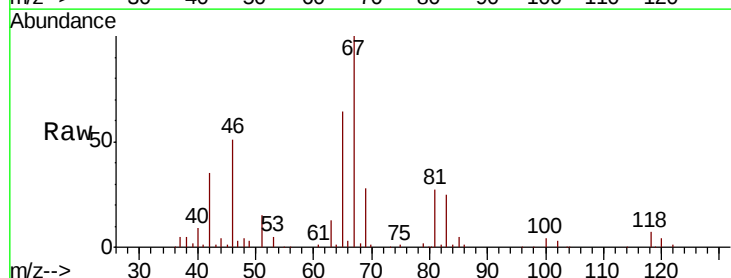
Acq: 11 Apr 2019 19:41

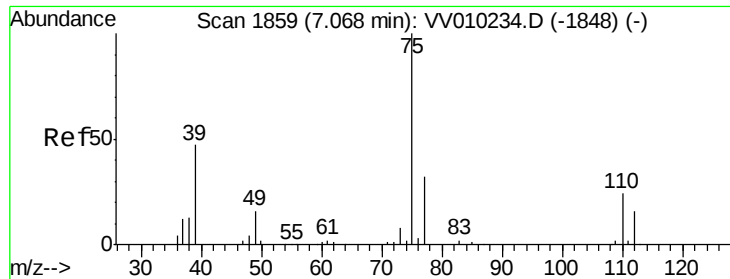
Tgt Ion: 63 Resp: 11558

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



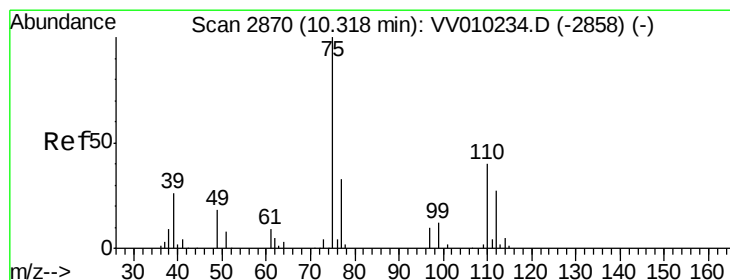
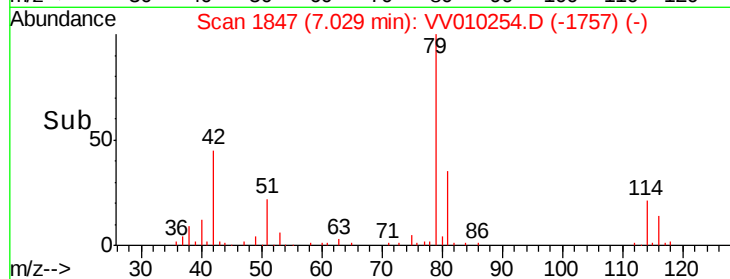
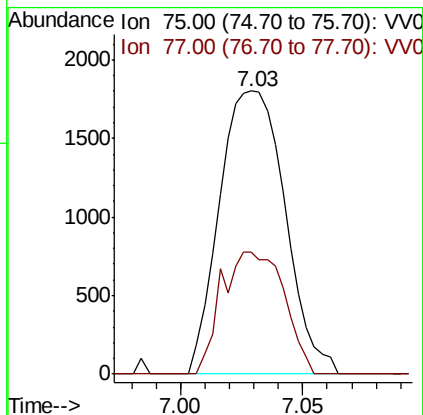
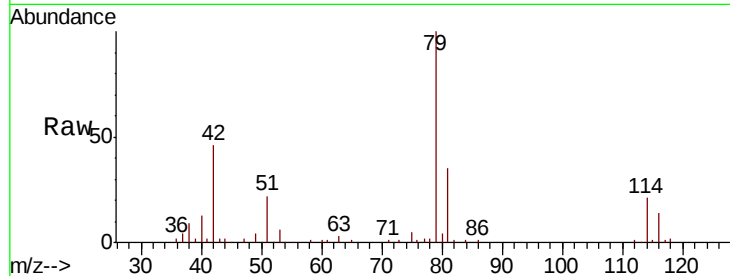


#42

cis-1,3-Dichloropropene
 Concen: 0.600 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010254.D
 Acq: 11 Apr 2019 19:41

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y0

Tgt Ion: 75 Resp: 3370
 Ion Ratio Lower Upper
 75 100
 77 43.0 21.9 40.7#



#59

1,2,3-Trichloropropane
 Concen: 5.363 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010254.D
 Acq: 11 Apr 2019 19:41

Tgt Ion: 75 Resp: 15340
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.9 40.3

