

Data File : VV010793.D
Acq On : 10 May 2019 04:13
Operator : SY/MD
Sample : K2788-05
Misc : 0.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5194

Quant Time: May 10 07:58:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94366	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	34026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31678	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
7) Chloroethane-d5	1.55	69	30917	25.63	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
10) 1,1-Dichloroethene-d2	2.11	63	53587	16.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	3.92	46	24151	54.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.80%
24) Chloroform-d	4.39	84	64525	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	5.07	65	45393	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.00%
29) Benzene-d6	5.09	84	127859	26.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.00%
33) 1,2-Dichloropropane-d6	6.11	67	43815	28.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.08%
37) Toluene-d8	7.35	98	108602	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.88%
38) trans-1,3-Dichloropropene-	7.66	79	16828	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.92%
39) 2-Hexanone-d5	8.13	63	18062	56.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38994	27.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	34643	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

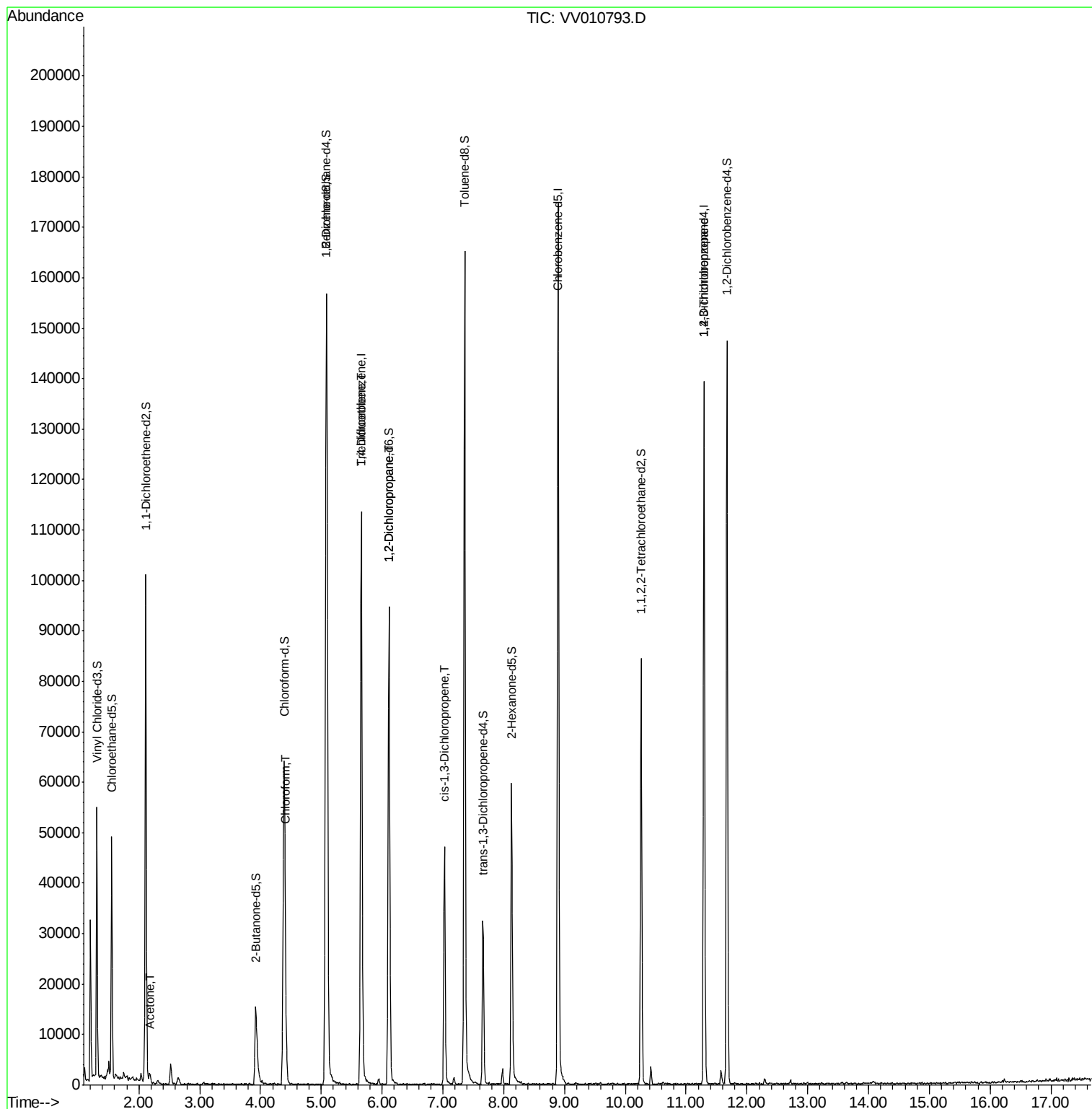
					Qvalue
13) Acetone	2.18	43	1796	2.637 ug/L	84
25) Chloroform	4.41	83	3608	1.263 ug/L #	69
35) Trichloroethene	5.66	95	2730	1.828 ug/L #	8
40) 1,2-Dichloropropane	6.11	63	5221	3.681 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1247	0.556 ug/L	83
59) 1,2,3-Trichloropropane	11.29	75	4740	3.979 ug/L	91

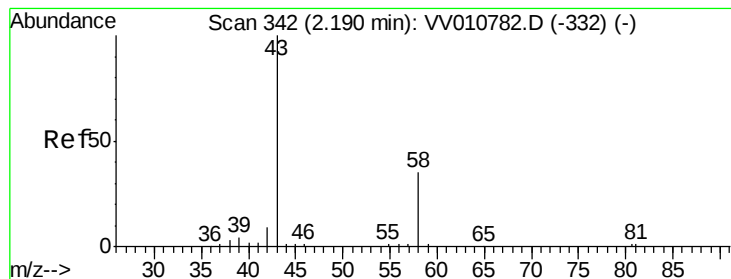
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.637 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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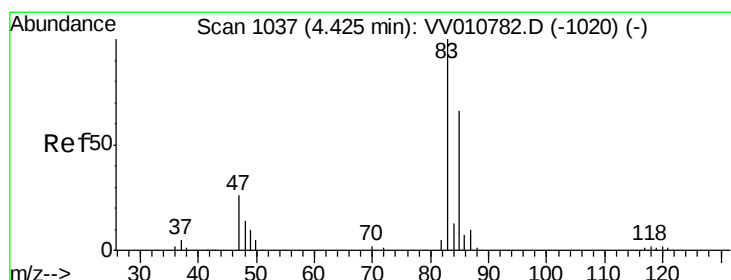
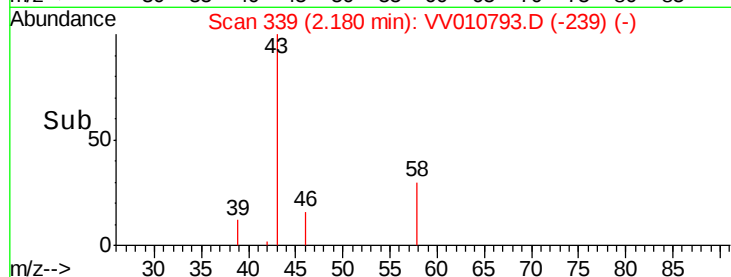
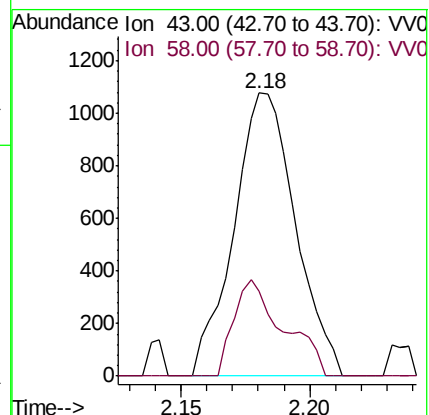
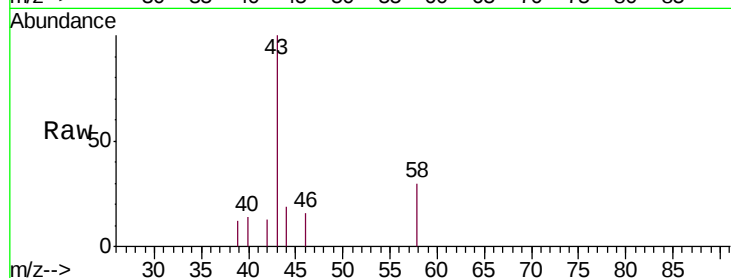
A5194

Tgt Ion: 43 Resp: 1796

Ion Ratio Lower Upper

43 100

58 22.9 0.0 63.4



#25

Chloroform

Concen: 1.263 ug/L

RT: 4.41 min Scan# 1034

Delta R.T. -0.01 min

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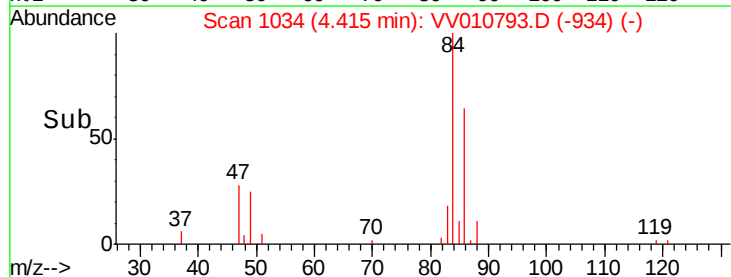
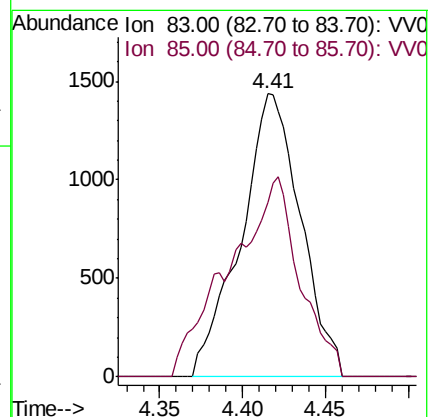
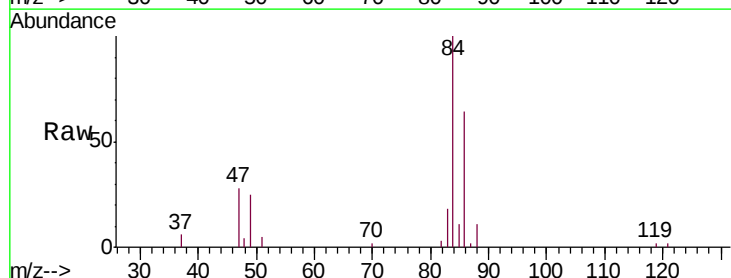
Acq: 10 May 2019 04:13

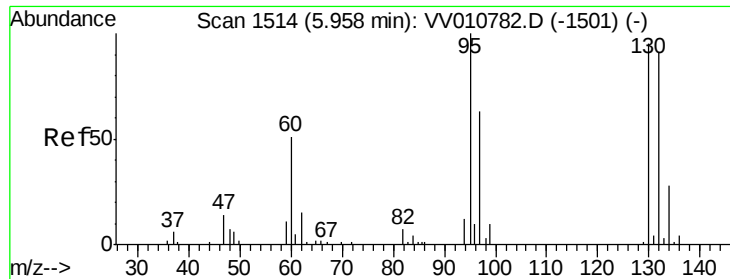
Tgt Ion: 83 Resp: 3608

Ion Ratio Lower Upper

83 100

85 39.6 44.6 82.8#





#35

Trichloroethene

Concen: 1.828 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

A5194

Tgt Ion: 95 Resp: 2730

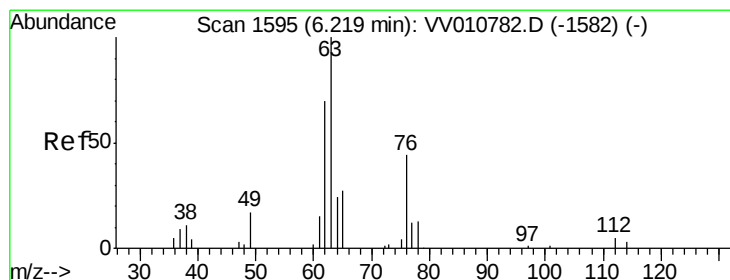
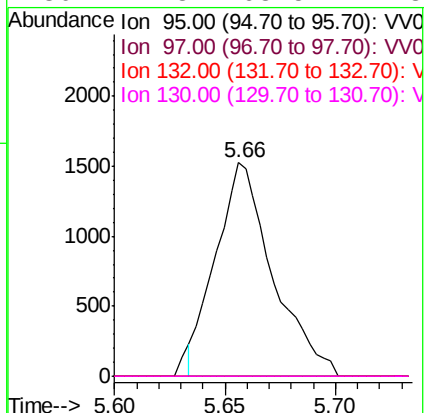
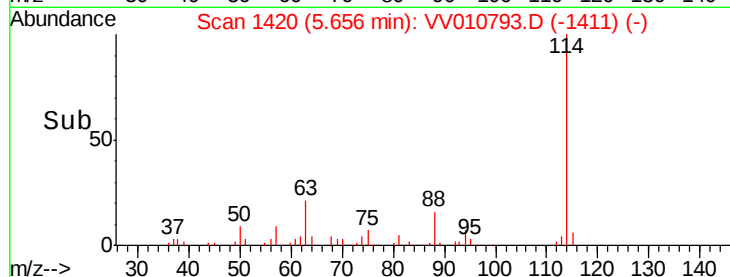
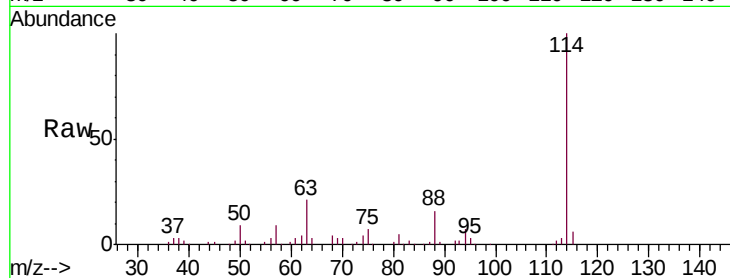
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 1.8 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 3.681 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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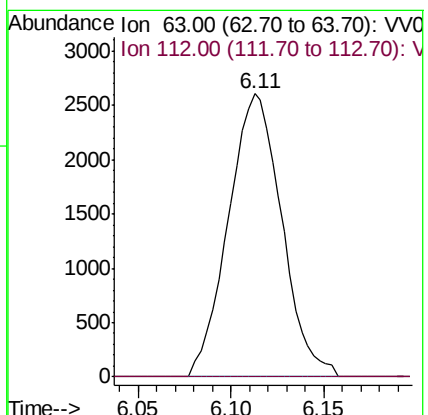
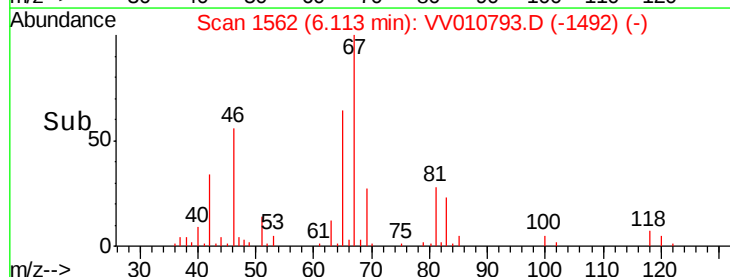
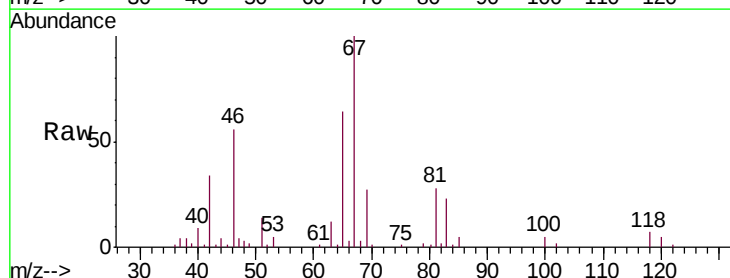
Acq: 10 May 2019 04:13

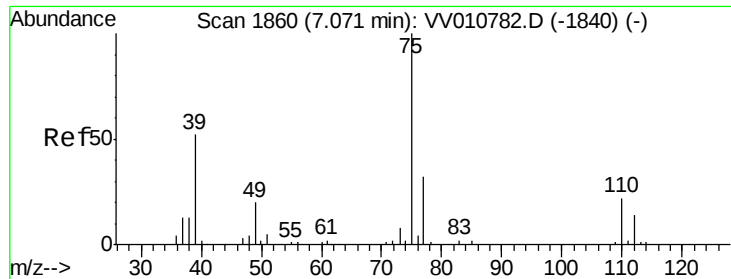
Tgt Ion: 63 Resp: 5221

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

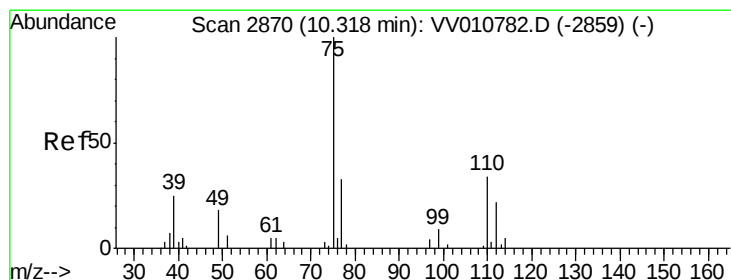
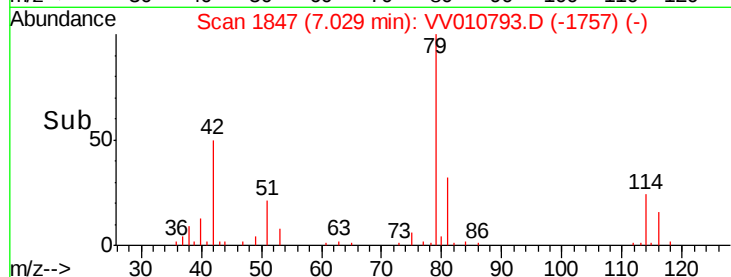
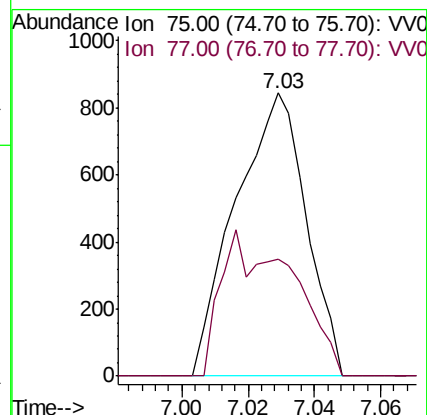
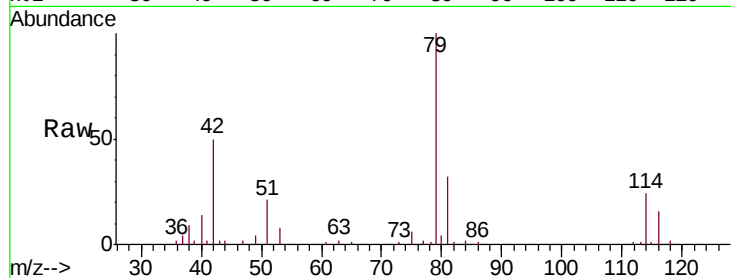




#42
 cis-1,3-Dichloropropene
 Concen: 0.556 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010793.D
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Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.3 41.3



#59
 1,2,3-Trichloropropane
 Concen: 3.979 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010793.D
 Acq: 10 May 2019 04:13

Tgt Ion: 75 Resp: 4740
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.0 37.6

