

Data File : VV011032.D
Acq On : 23 May 2019 17:34
Operator : SY/MD
Sample : K3017-04
Misc : 0.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H7

Quant Time: May 24 08:19:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108785	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25789	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	1.56	69	19106	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
10) 1,1-Dichloroethene-d2	2.12	63	38327	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	3.94	46	29059	67.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.82%#
24) Chloroform-d	4.40	84	71726	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	42264	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	5.09	84	141224	23.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.40%
33) 1,2-Dichloropropane-d6	6.12	67	47283	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	7.36	98	123947	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.66	79	18851	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	8.13	63	22148	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55331	28.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	47767	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds

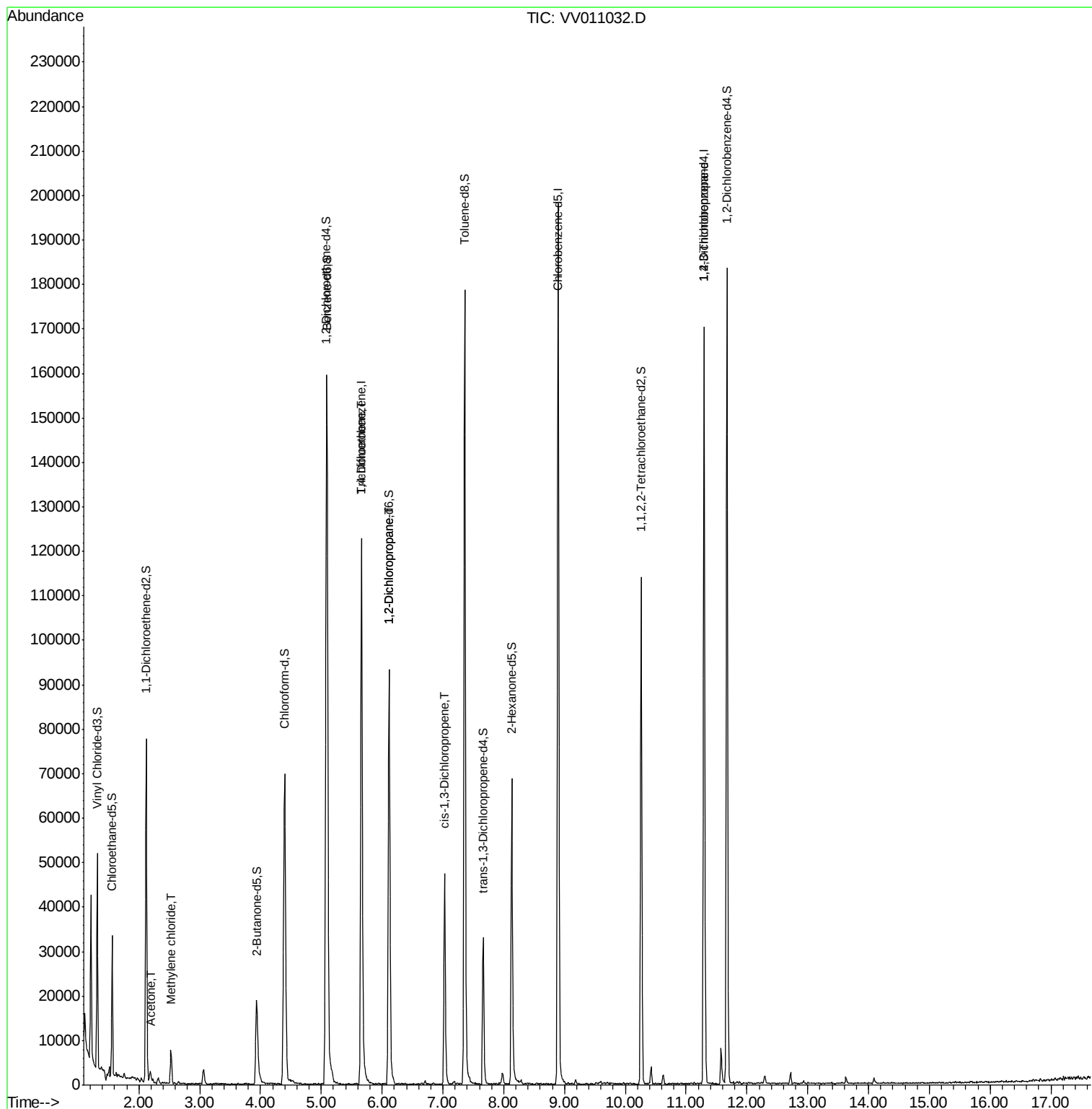
					Qvalue
13) Acetone	2.19	43	2091	5.067 ug/L	95
16) Methylene chloride	2.53	84	3089	1.655 ug/L	92
35) Trichloroethene	5.66	95	3217	1.804 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	4821	2.842 ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	1326	0.525 ug/L #	80
59) 1,2,3-Trichloropropane	11.29	75	5964	4.265 ug/L	96

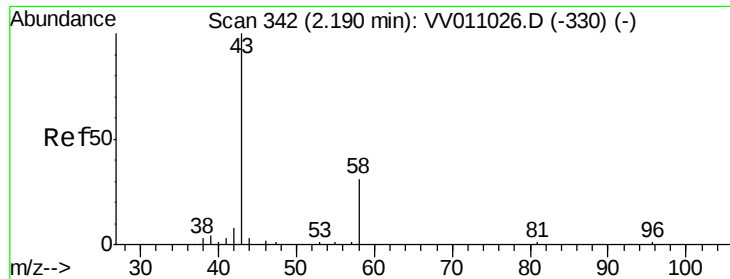
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.067 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Acq: 23 May 2019 17:34

Instrument :

MSVOA_V

ClientSampleId :

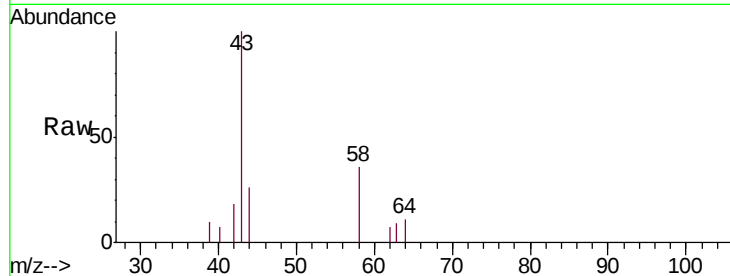
A51H7

Tgt Ion: 43 Resp: 2091

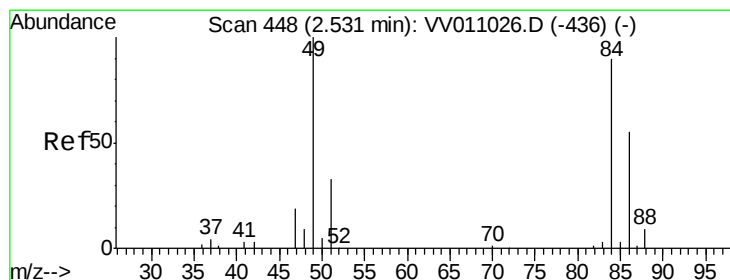
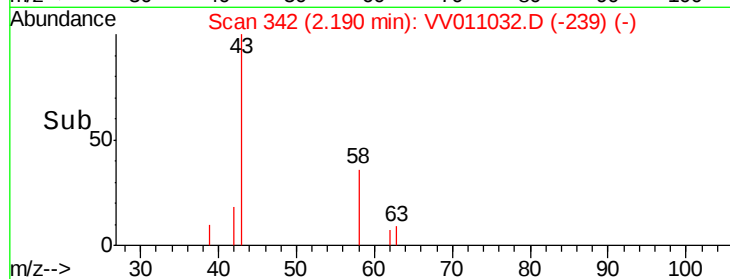
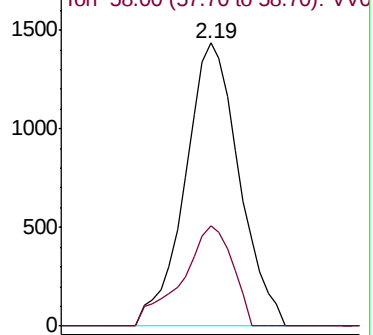
Ion Ratio Lower Upper

43 100

58 33.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011032.D (-239) (-)



#16

Methylene chloride

Concen: 1.655 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011032.D

Acq: 23 May 2019 17:34

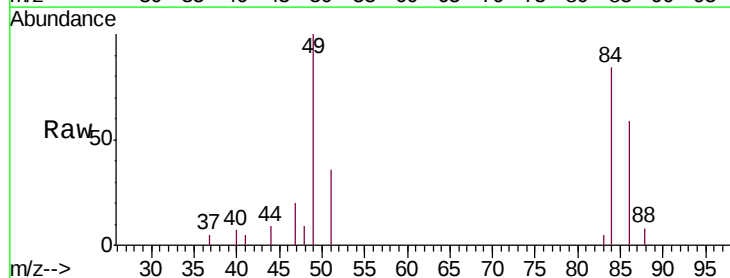
Tgt Ion: 84 Resp: 3089

Ion Ratio Lower Upper

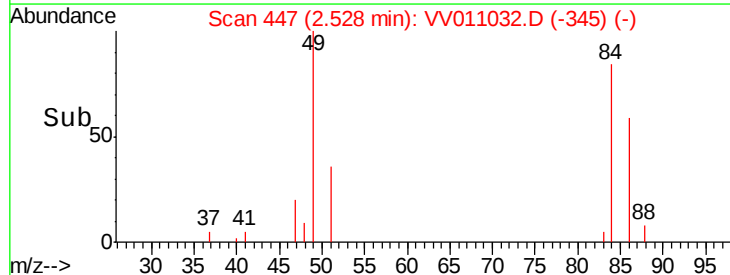
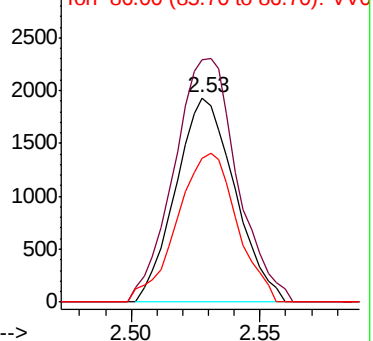
84 100

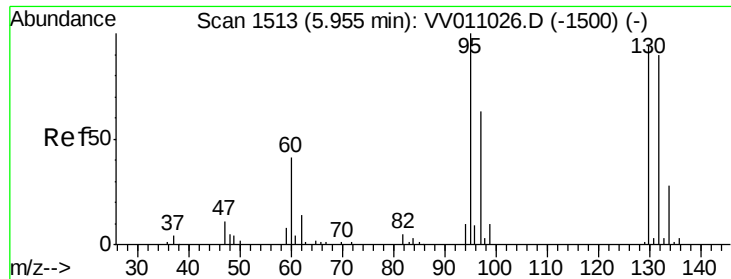
49 118.8 77.4 143.8

86 70.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV011032.D (-345) (-)

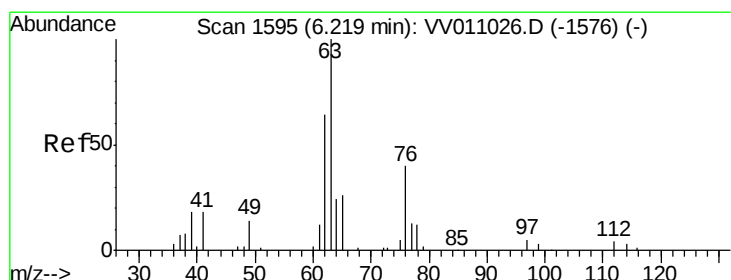
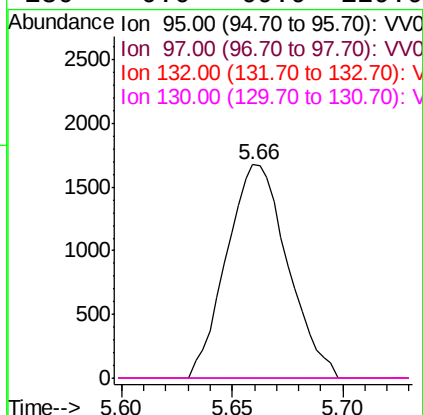
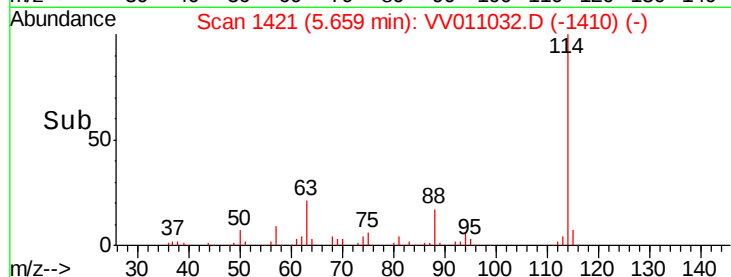
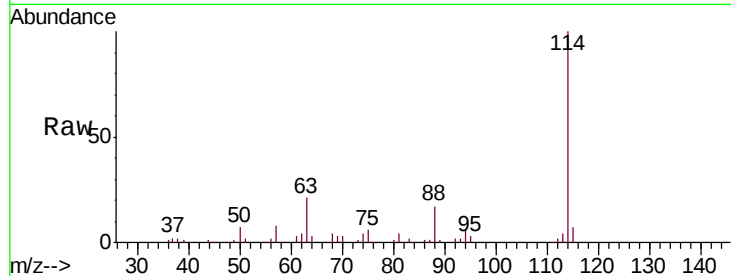




#35
 Trichloroethene
 Concen: 1.804 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV011032.D
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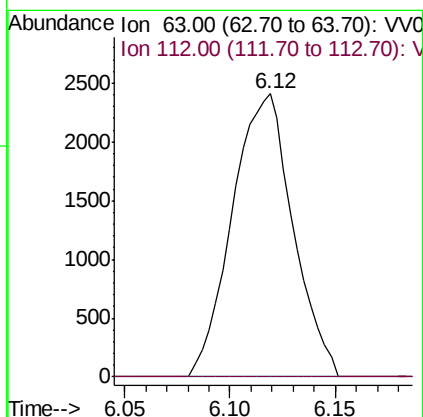
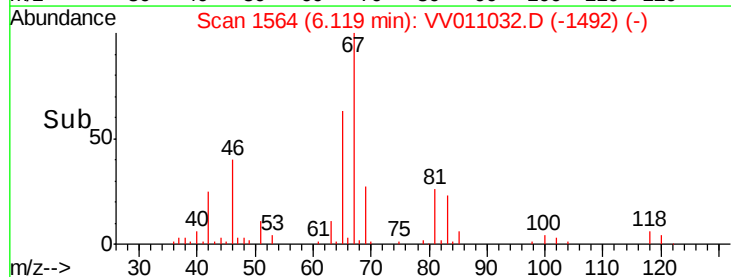
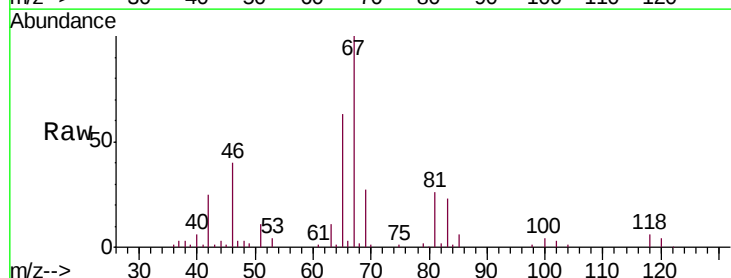
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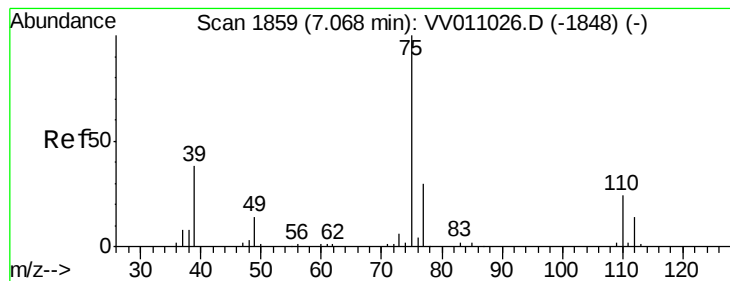
Tgt Ion: 95 Resp: 3217
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.4 80.6#
 132 0.0 68.8 127.8#
 130 0.0 69.9 129.9#



#40
 1,2-Dichloropropane
 Concen: 2.842 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011032.D
 Acq: 23 May 2019 17:34

Tgt Ion: 63 Resp: 4821
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



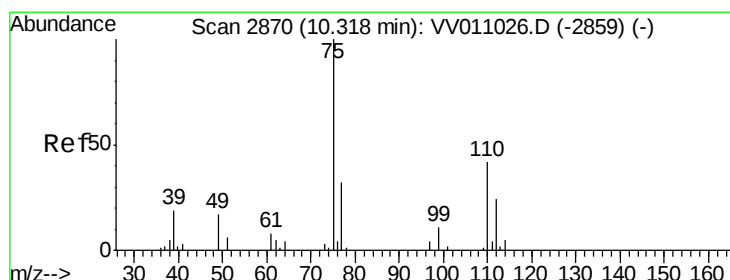
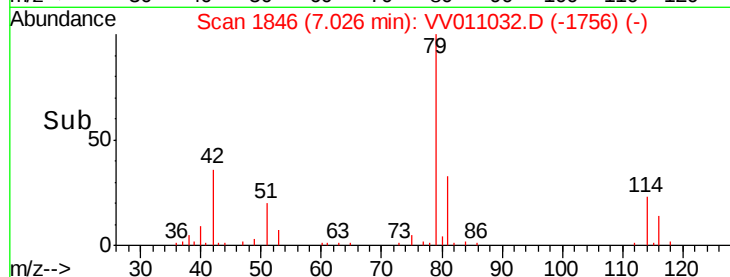
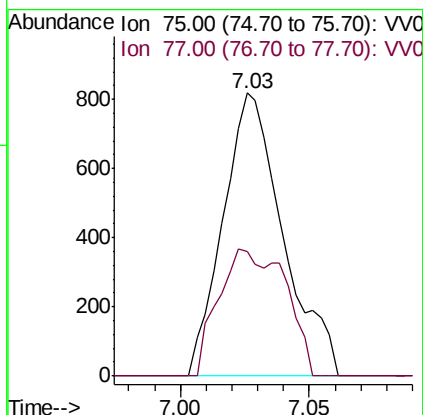
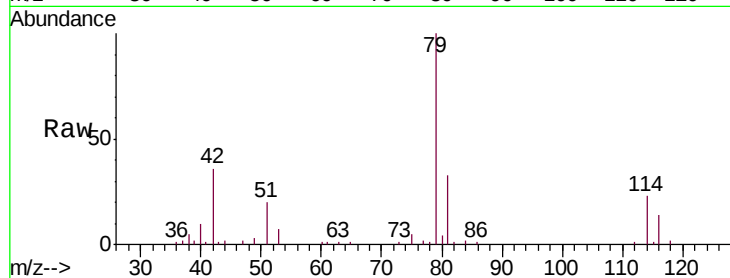


#42

cis-1,3-Dichloropropene
Concen: 0.525 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011032.D
Acq: 23 May 2019 17:34

Instrument :
MSVOA_V
ClientSampled :
A51H7

Tgt Ion: 75 Resp: 1326
Ion Ratio Lower Upper
75 100
77 44.1 22.9 42.5#



#59

1,2,3-Trichloropropane
Concen: 4.265 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011032.D
Acq: 23 May 2019 17:34

Tgt Ion: 75 Resp: 5964
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.2

