

Data File : VV009974.D
Acq On : 28 Mar 2019 18:57
Operator : SY/MD
Sample : K2085-09
Misc : 4.40G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T4

Quant Time: Mar 29 02:24:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147202	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57904	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	1.57	69	70159	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
10) 1,1-Dichloroethene-d2	2.13	63	136085	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	3.93	46	28847	51.82	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
24) Chloroform-d	4.40	84	82855	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.08	65	59057	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.68%
29) Benzene-d6	5.10	84	184880	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	6.12	67	55944	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	7.36	98	162064	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.66	79	19007	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.92%
39) 2-Hexanone-d5	8.13	63	20164	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50583	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	56874	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds

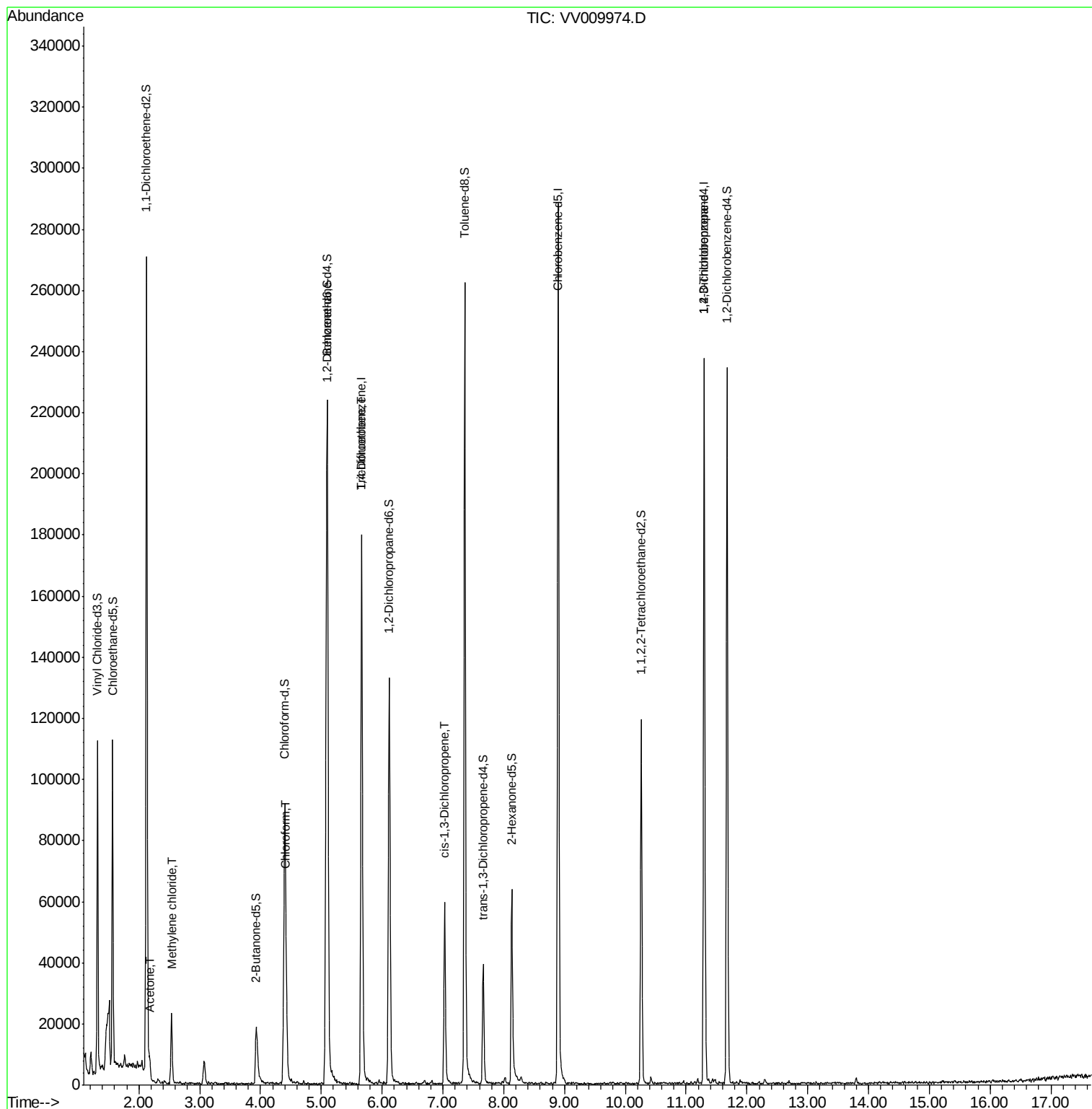
					Qvalue
13) Acetone	2.19	43	2494	2.959 ug/L	81
16) Methylene chloride	2.54	84	9052	3.734 ug/L	93
25) Chloroform	4.43	83	10539	2.702 ug/L	96
35) Trichloroethene	5.66	95	4501	2.079 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1912	0.639 ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	9831	5.957 ug/L	91

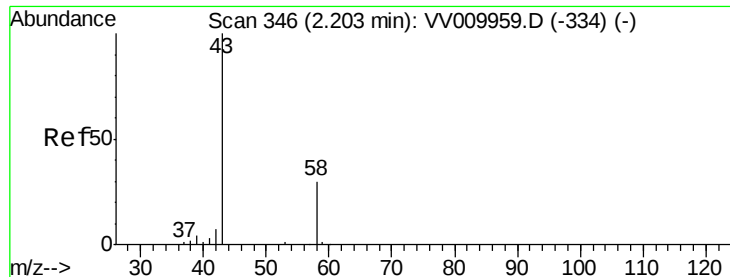
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.959 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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Acq: 28 Mar 2019 18:57

Instrument :

MSVOA_V

ClientSampleId :

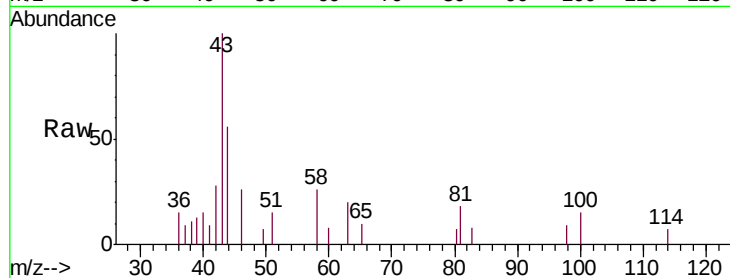
BF7T4

Tgt Ion: 43 Resp: 2494

Ion Ratio Lower Upper

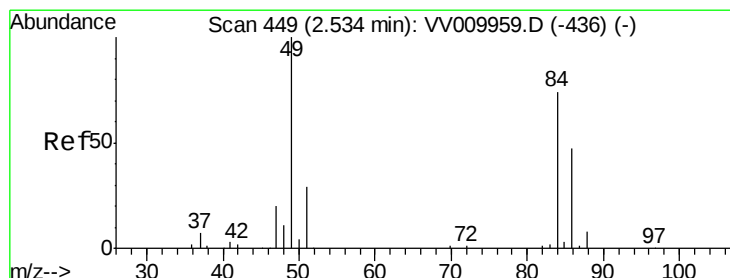
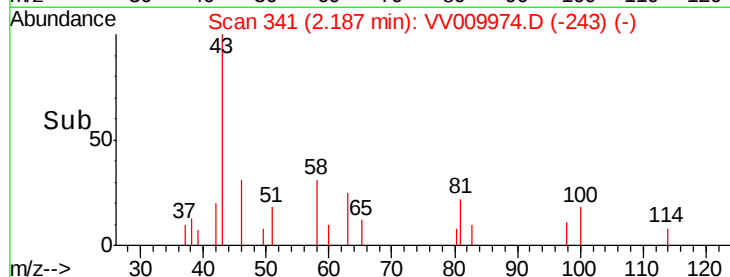
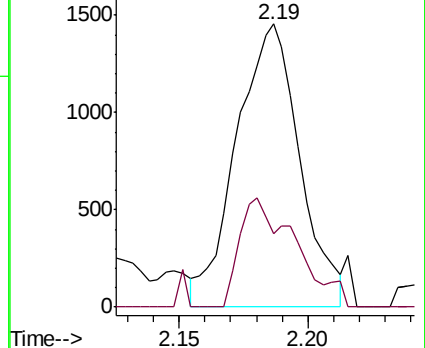
43 100

58 19.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.734 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009974.D

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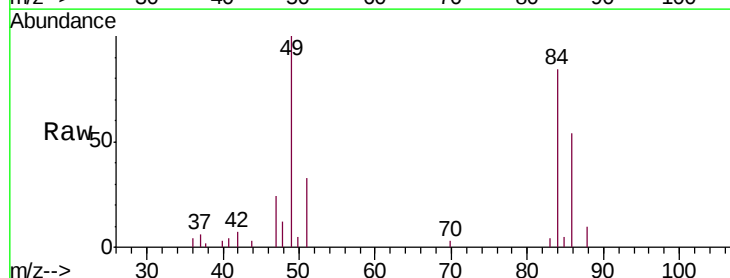
Tgt Ion: 84 Resp: 9052

Ion Ratio Lower Upper

84 100

49 118.8 90.4 167.8

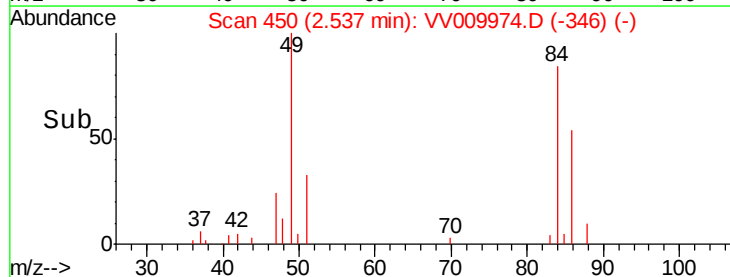
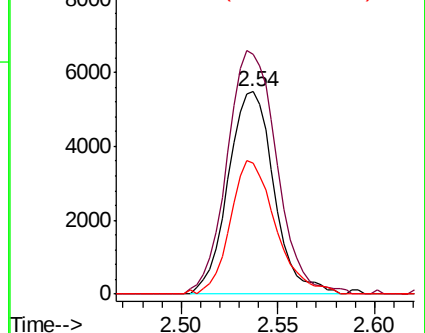
86 64.5 44.0 81.6

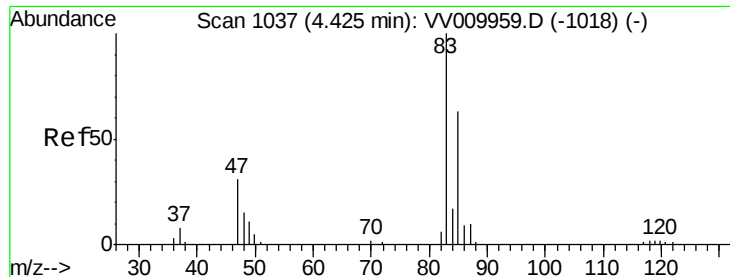


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

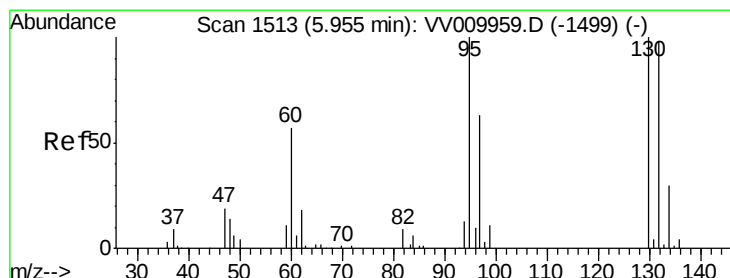
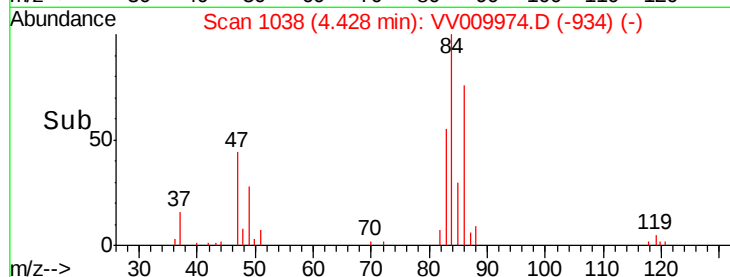
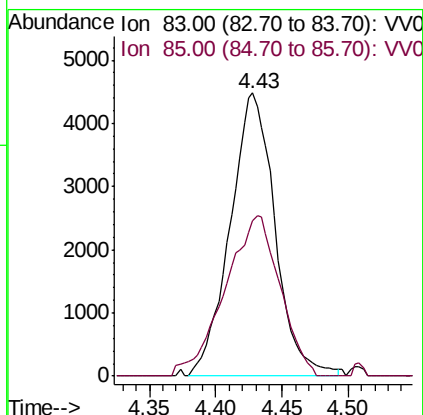
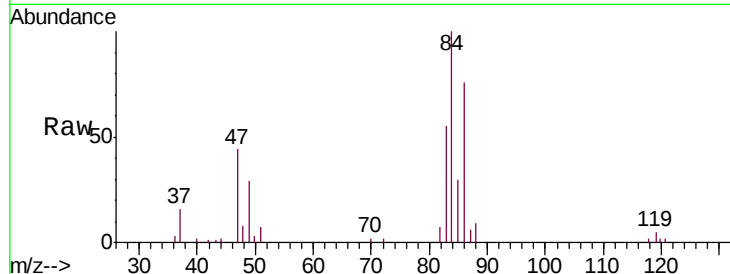




#25
Chloroform
Concen: 2.702 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009974.D
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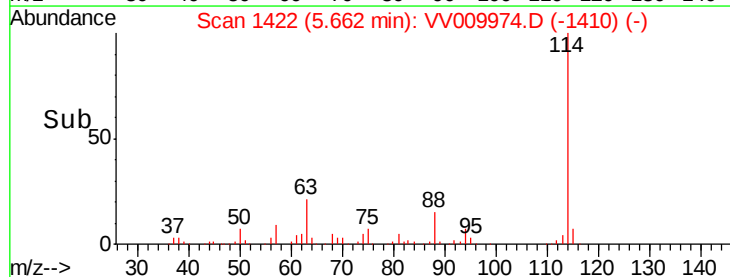
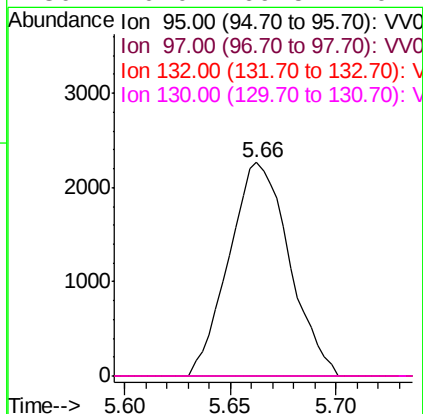
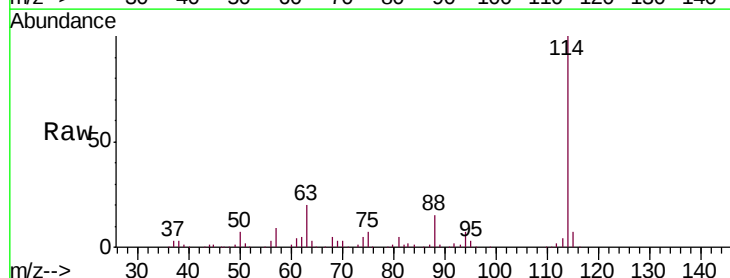
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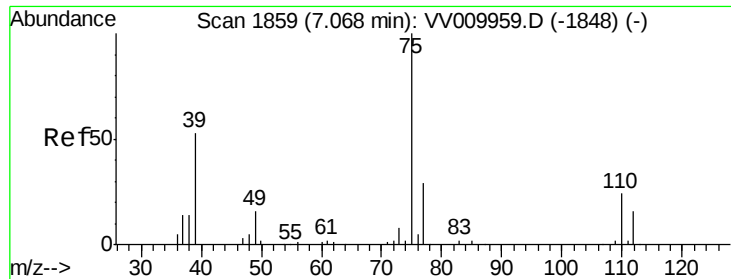
Tgt Ion: 83 Resp: 10539
Ion Ratio Lower Upper
83 100
85 69.2 46.1 85.7



#35
Trichloroethene
Concen: 2.079 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV009974.D
Acq: 28 Mar 2019 18:57

Tgt Ion: 95 Resp: 4501
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 69.3 128.7#
130 0.0 69.5 129.1#



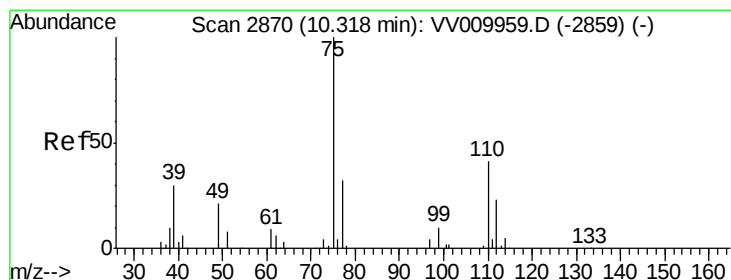
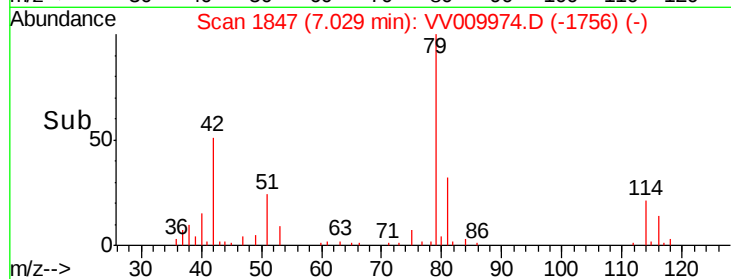
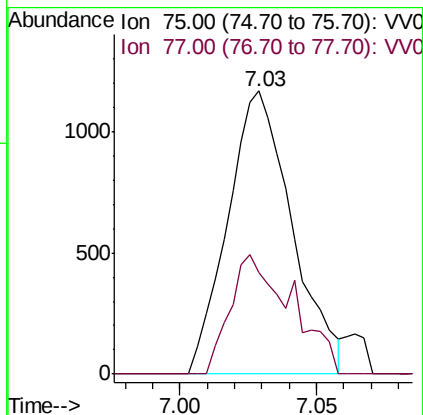
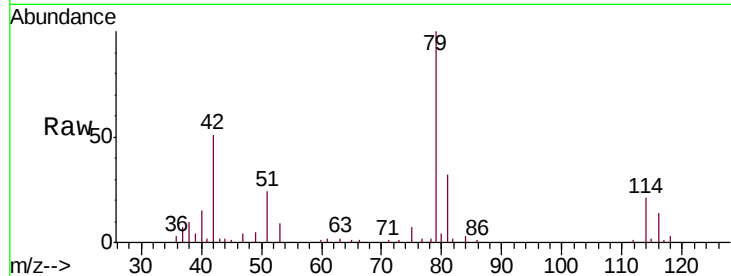


#42

cis-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009974.D
Acq: 28 Mar 2019 18:57

Instrument :
MSVOA_V
ClientSampled :
BF7T4

Tgt Ion: 75 Resp: 1912
Ion Ratio Lower Upper
75 100
77 36.1 21.8 40.6



#59

1,2,3-Trichloropropane
Concen: 5.957 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009974.D
Acq: 28 Mar 2019 18:57

Tgt Ion: 75 Resp: 9831
Ion Ratio Lower Upper
75 100
77 37.7 26.2 39.2

