

Data File : VV009524.D
Acq On : 07 Mar 2019 12:17
Operator : SY/MD
Sample : K1720-05
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Mar 08 03:04:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 03:01:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64662	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47631	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
7) Chloroethane-d5	1.57	69	51529	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
10) 1,1-Dichloroethene-d2	2.12	63	98655	19.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.56%
20) 2-Butanone-d5	3.94	46	30838	46.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.76%
24) Chloroform-d	4.40	84	91628	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.08	65	53347	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
29) Benzene-d6	5.10	84	191923	26.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.16%
33) 1,2-Dichloropropane-d6	6.12	67	55388	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.80%
37) Toluene-d8	7.36	98	185749	26.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.36%
38) trans-1,3-Dichloropropene-	7.66	79	23806	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	8.13	63	23933	48.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52570	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	58681	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

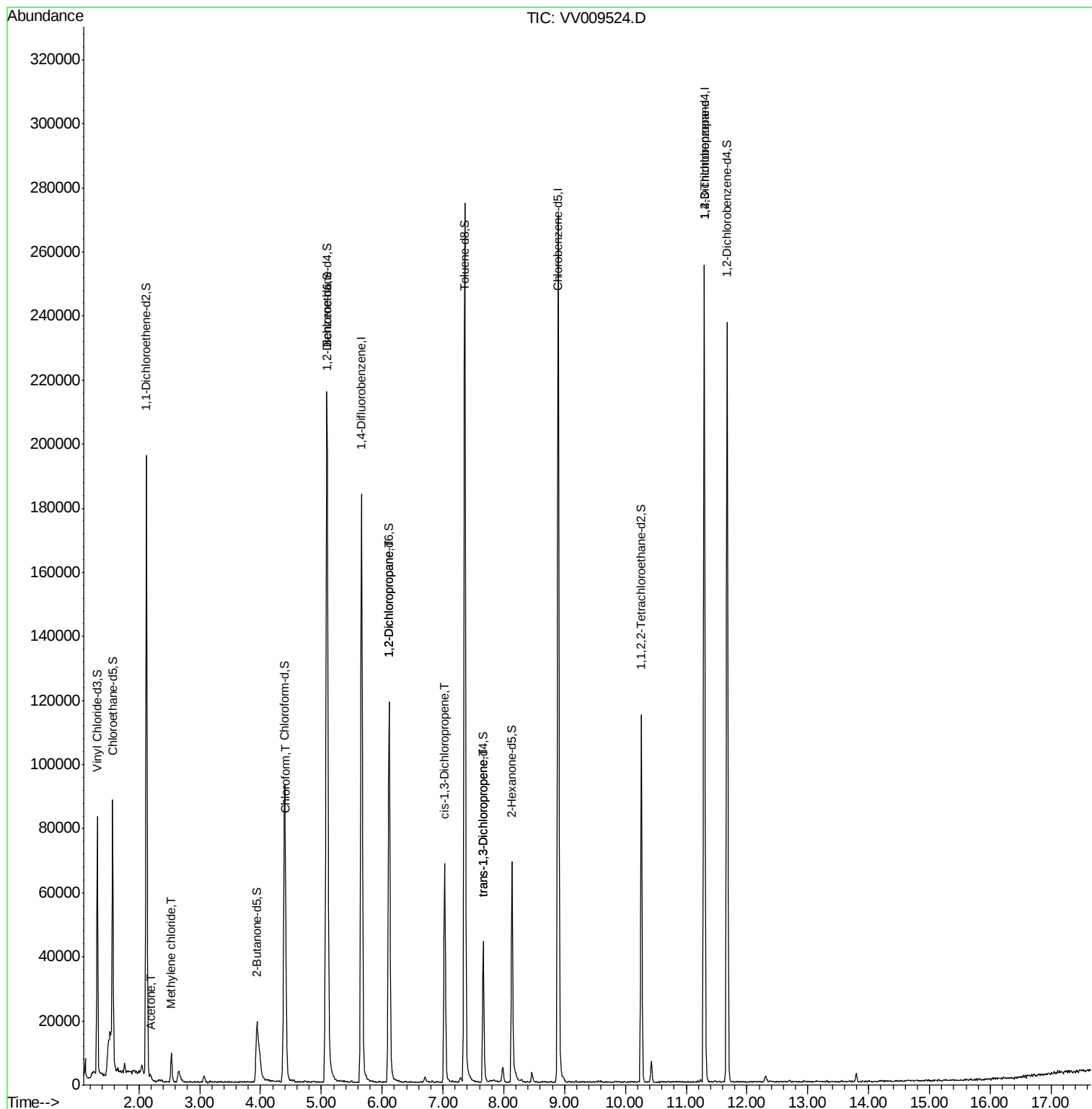
					Qvalue
13) Acetone	2.19	43	1579	2.361 ug/L	84
16) Methylene chloride	2.53	84	3969	1.886 ug/L	92
25) Chloroform	4.42	83	2835	0.753 ug/L #	70
40) 1,2-Dichloropropane	6.12	63	6708	3.448 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2270	0.752 ug/L	90
45) trans-1,3-Dichloropropene	7.66	75	1291	0.489 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	8979	5.458 ug/L	90

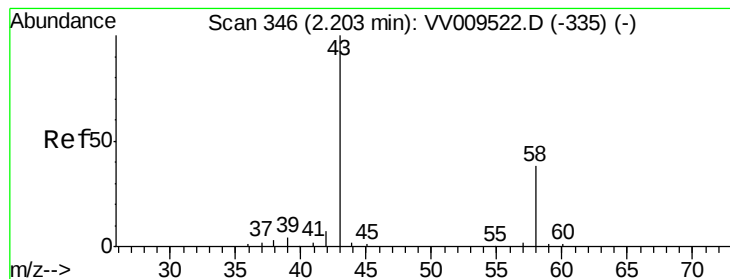
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 03:01:51 2019
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#13

Acetone

Concen: 2.361 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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Acq: 07 Mar 2019 12:17

Instrument :

MSVOA_V

ClientSampleId :

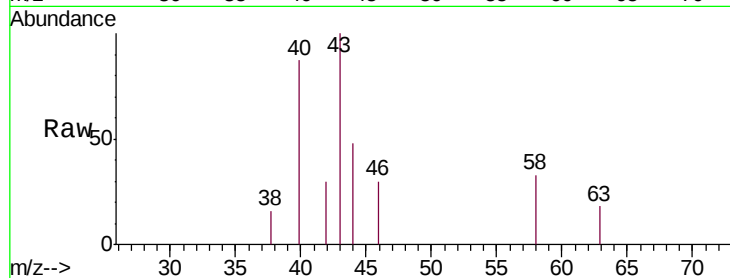
VHBLK01

Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

58 25.5 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009522.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009522.D (-335) (-)

2.19

800

600

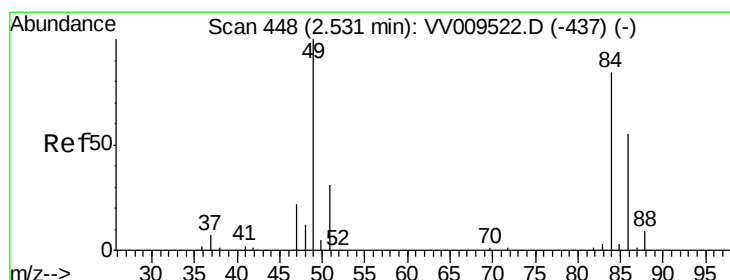
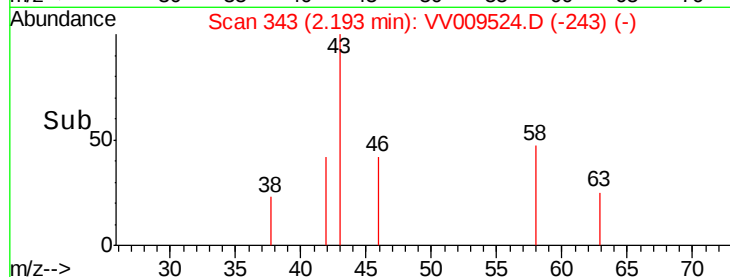
400

200

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.886 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV009524.D

Acq: 07 Mar 2019 12:17

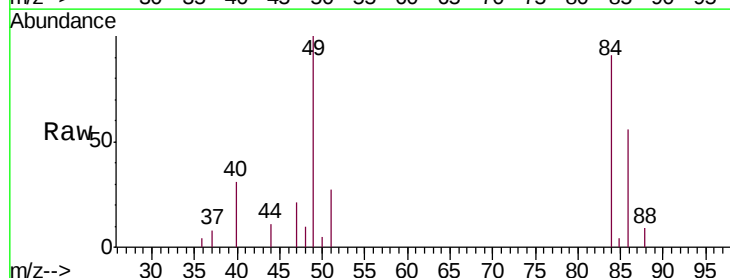
Tgt Ion: 84 Resp: 3969

Ion Ratio Lower Upper

84 100

49 109.9 84.6 157.0

86 61.0 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009522.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009522.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009522.D (-437) (-)

2.53

3000

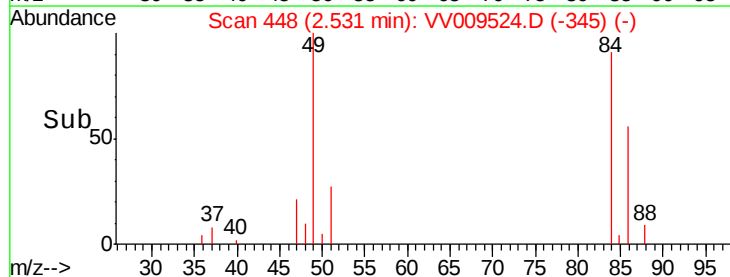
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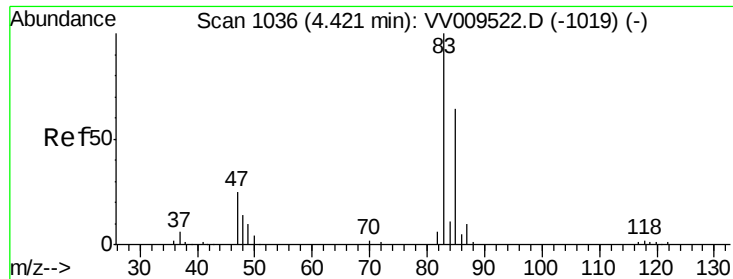
1000

0

Time-->

2.50 2.55

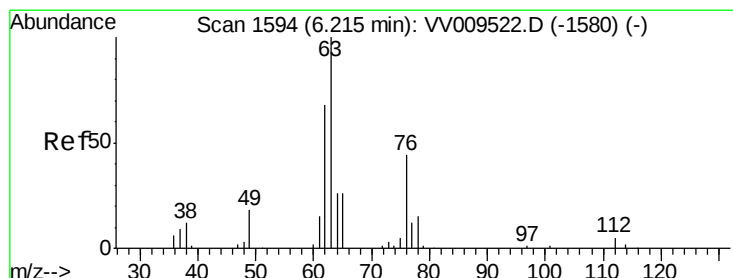
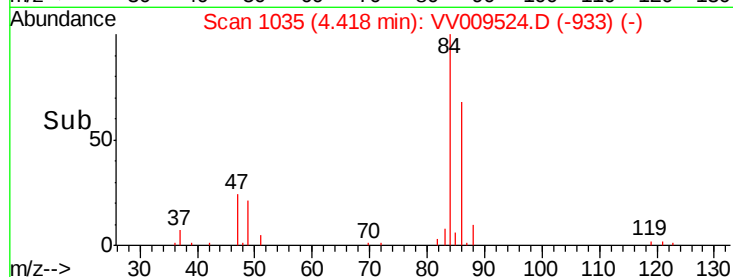
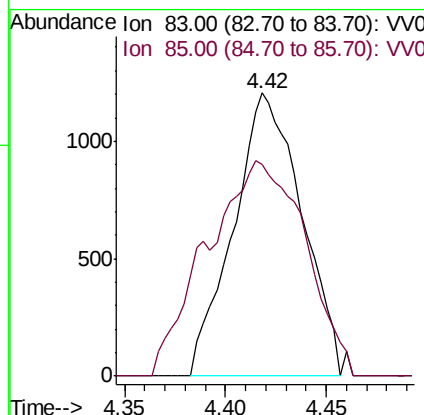
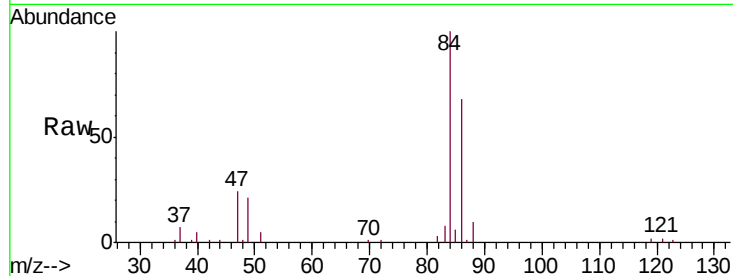




#25
 Chloroform
 Concen: 0.753 ug/L
 RT: 4.42 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VV009524.D
 Acq: 07 Mar 2019 12:17

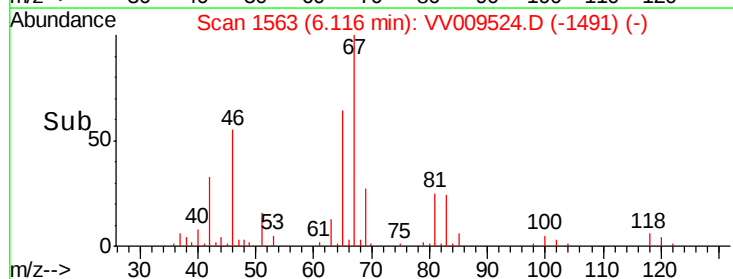
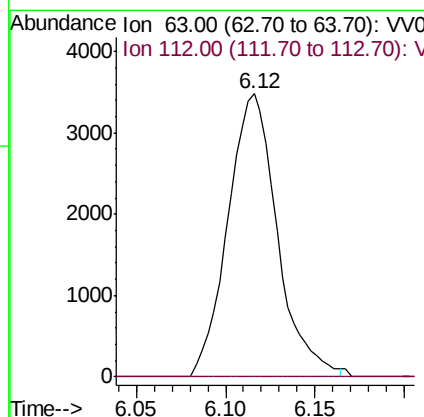
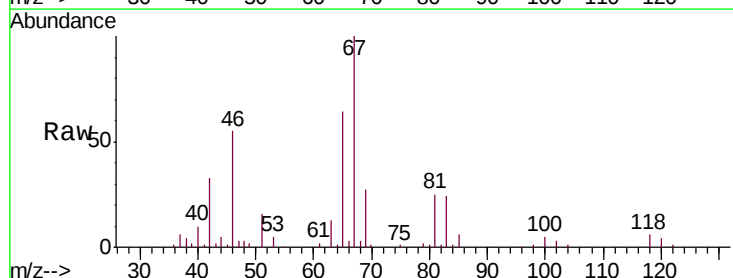
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

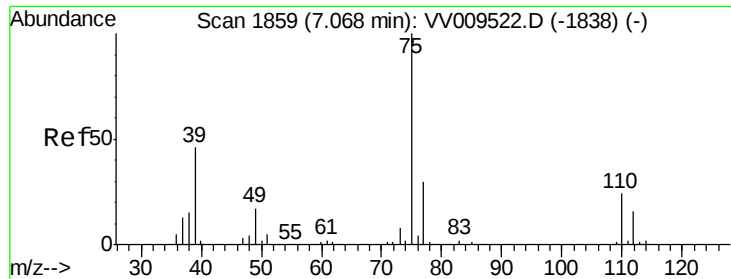
Tgt Ion: 83 Resp: 2835
 Ion Ratio Lower Upper
 83 100
 85 88.3 45.4 84.2#



#40
 1,2-Dichloropropane
 Concen: 3.448 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009524.D
 Acq: 07 Mar 2019 12:17

Tgt Ion: 63 Resp: 6708
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



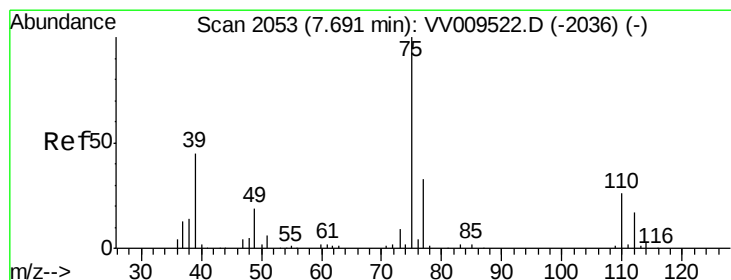
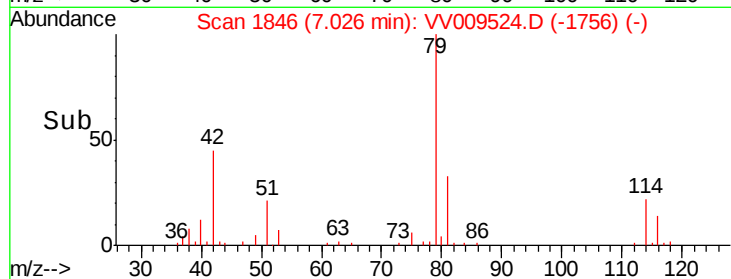
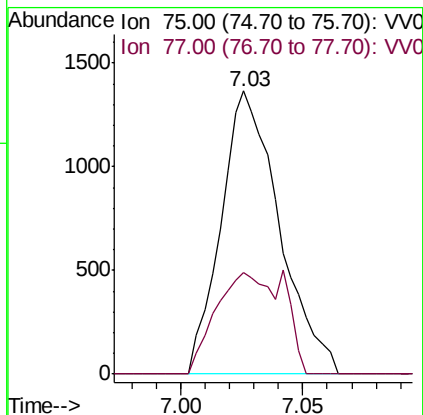
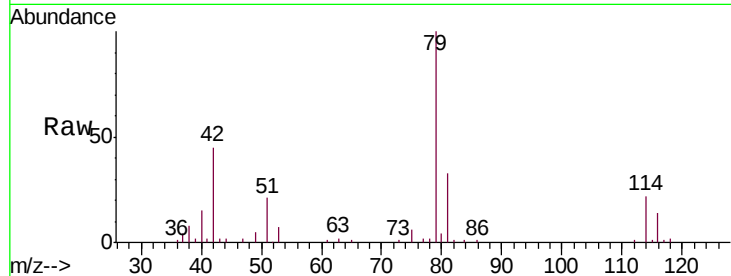


#42

cis-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009524.D
Acq: 07 Mar 2019 12:17

Instrument :
MSVOA_V
ClientSampled :
VHBLK01

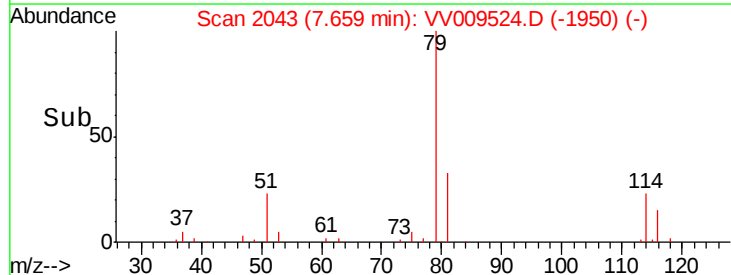
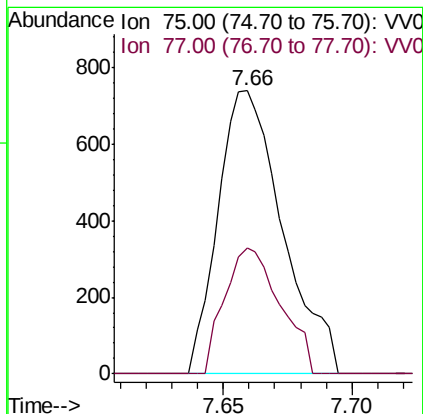
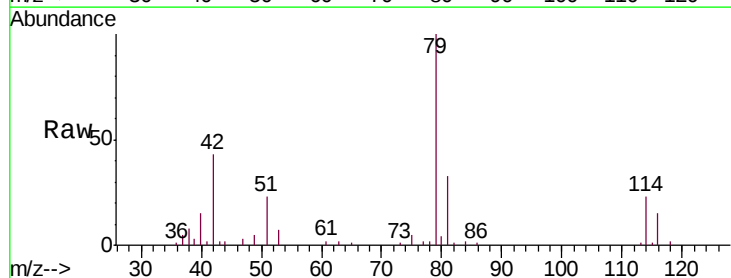
Tgt Ion: 75 Resp: 2270
Ion Ratio Lower Upper
75 100
77 36.1 21.4 39.8

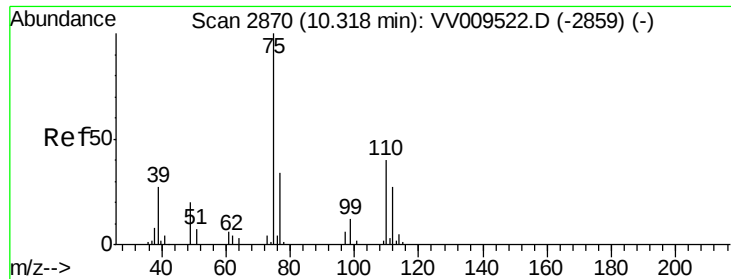


#45

trans-1,3-Dichloropropene
Concen: 0.489 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009524.D
Acq: 07 Mar 2019 12:17

Tgt Ion: 75 Resp: 1291
Ion Ratio Lower Upper
75 100
77 44.4 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 5.458 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009524.D

Acq: 07 Mar 2019 12:17

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8979

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

