

Data File : VV009523.D
Acq On : 07 Mar 2019 11:23
Operator : SY/MD
Sample : VV0307SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: Mar 08 03:04:34 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	168052	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153103	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69259	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49905	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
7) Chloroethane-d5	1.57	69	72112	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	2.13	63	101241	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.92%
20) 2-Butanone-d5	3.95	46	29216	42.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.76%
24) Chloroform-d	4.40	84	97109	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.08	65	58742	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	5.10	84	205256	27.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.28%
33) 1,2-Dichloropropane-d6	6.12	67	61544	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	7.36	98	196323	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.24%
38) trans-1,3-Dichloropropene-	7.66	79	26943	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.40%
39) 2-Hexanone-d5	8.13	63	24342	46.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56258	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	66296	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

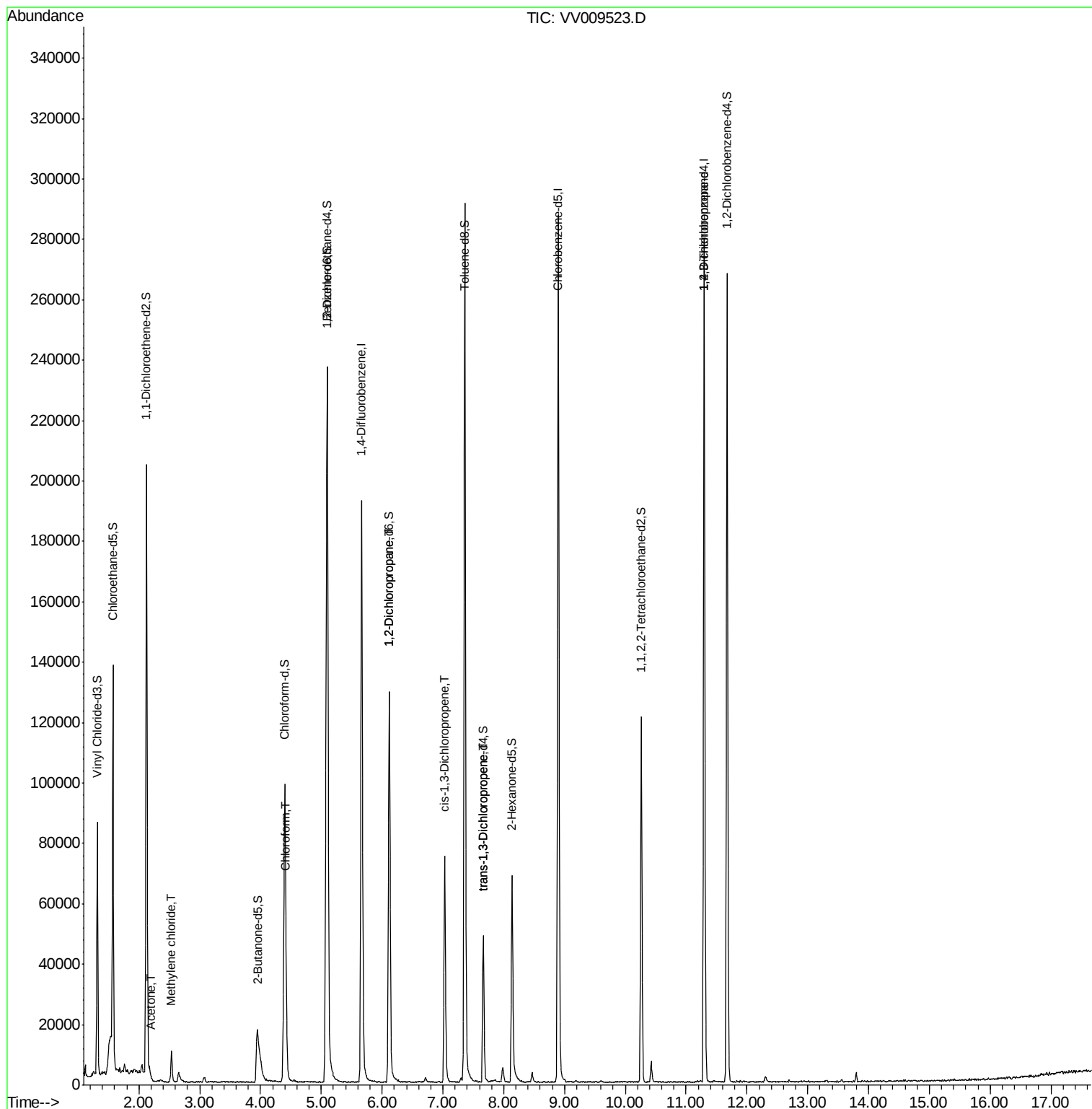
					Qvalue
13) Acetone	2.20	43	936	1.335 ug/L	83
16) Methylene chloride	2.53	84	4283	1.942 ug/L	99
25) Chloroform	4.43	83	3450	0.874 ug/L	85
40) 1,2-Dichloropropane	6.12	63	7432	3.643 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2091	0.660 ug/L #	71
45) trans-1,3-Dichloropropene	7.66	75	1464	0.529 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	9498	5.506 ug/L #	86

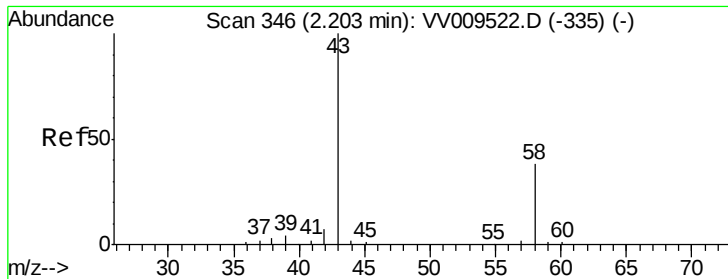
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.335 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV009523.D

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Instrument :

MSVOA_V

ClientSampled :

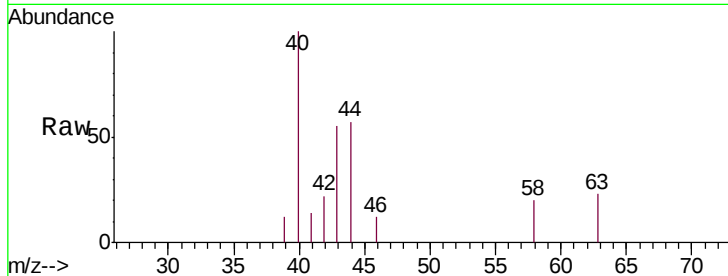
VBLK67

Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

43 100

58 24.9 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009523.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009523.D (-345) (-)

2.20

500

400

300

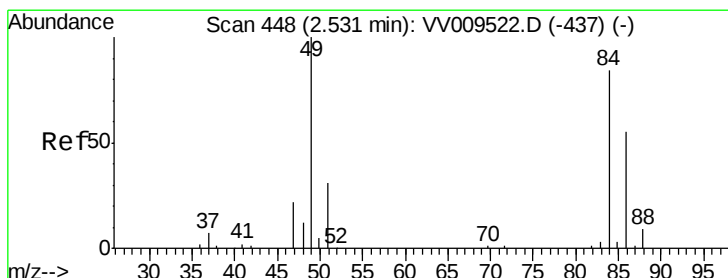
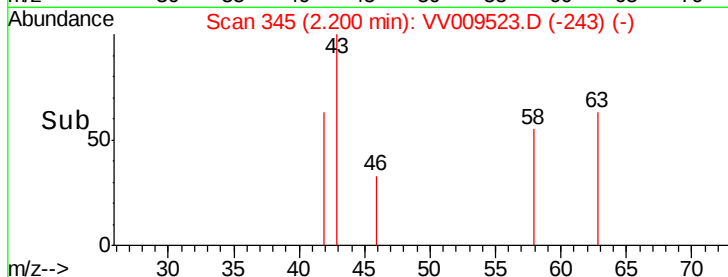
200

100

0

2.16 2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 1.942 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009523.D

Acq: 07 Mar 2019 11:23

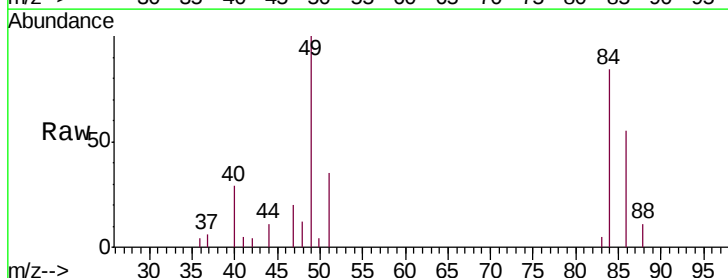
Tgt Ion: 84 Resp: 4283

Ion Ratio Lower Upper

84 100

49 119.1 84.6 157.0

86 65.8 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009523.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009523.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV009523.D (-345) (-)

4000

3000

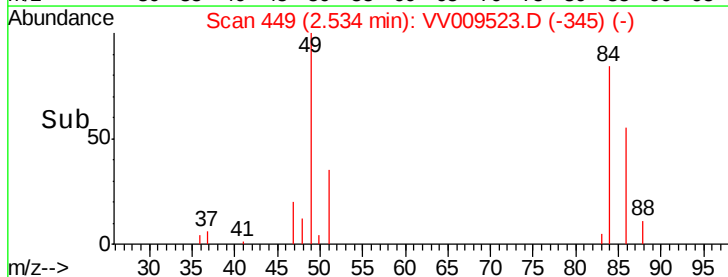
2000

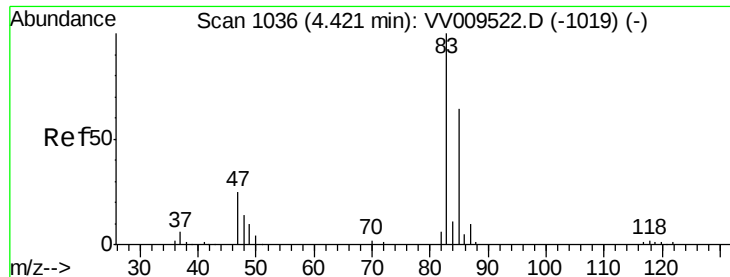
1000

0

2.50 2.53 2.55

Time-->

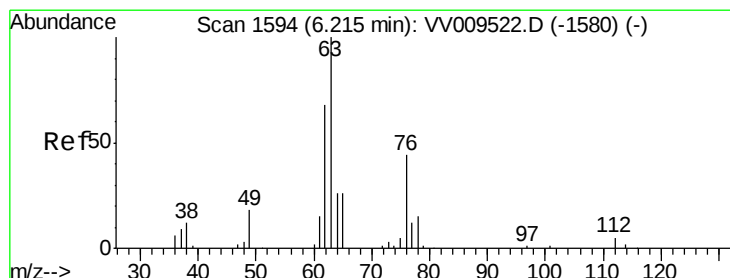
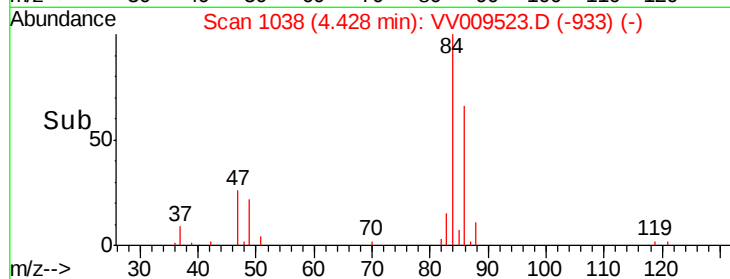
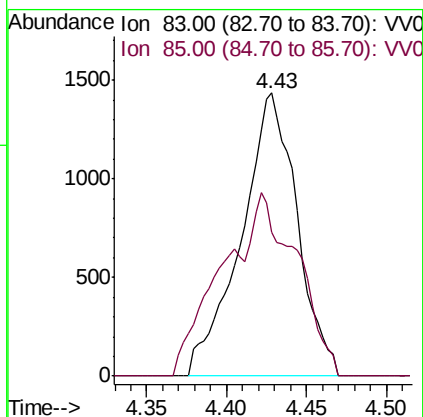
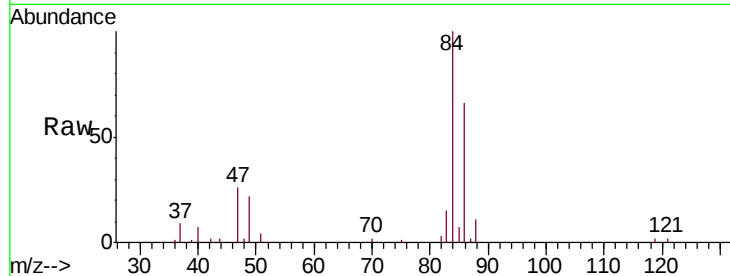




#25
Chloroform
Concen: 0.874 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009523.D
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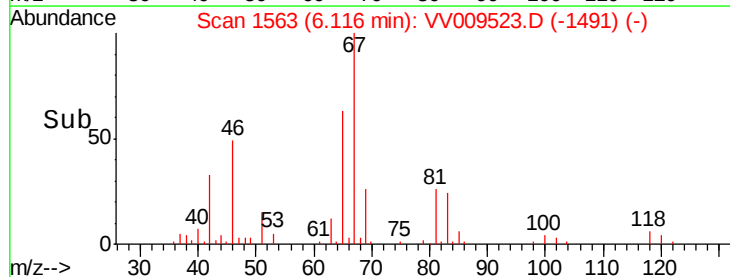
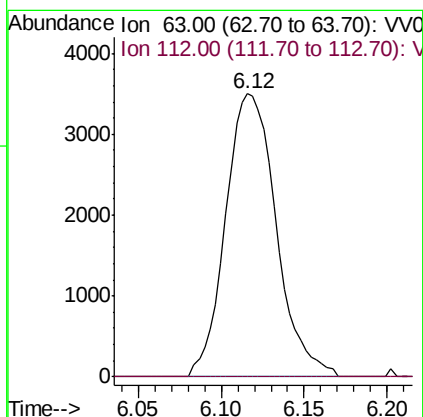
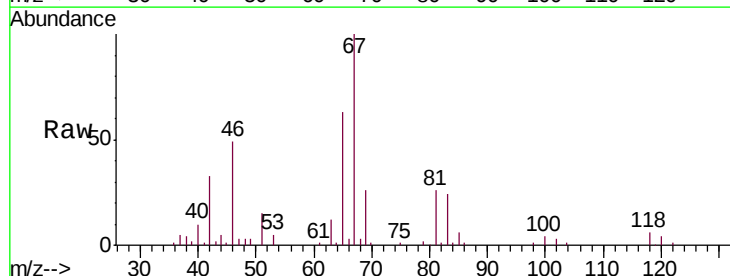
Instrument :
MSVOA_V
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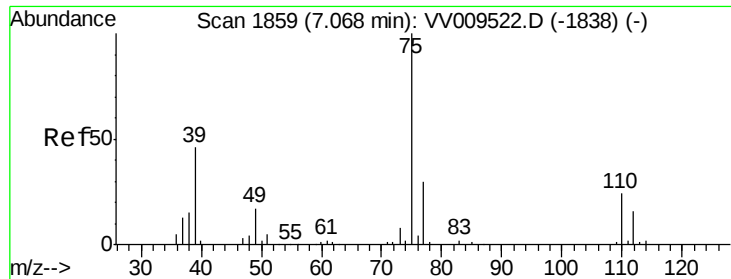
Tgt Ion: 83 Resp: 3450
Ion Ratio Lower Upper
83 100
85 52.8 45.4 84.2



#40
1,2-Dichloropropane
Concen: 3.643 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009523.D
Acq: 07 Mar 2019 11:23

Tgt Ion: 63 Resp: 7432
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



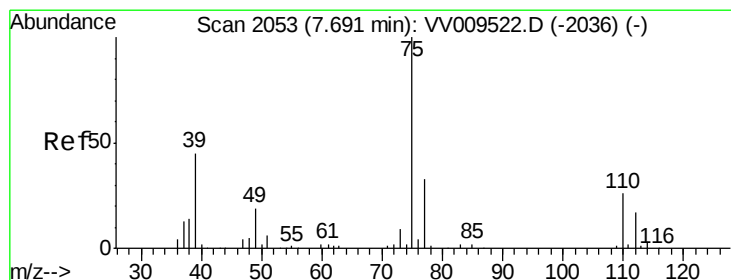
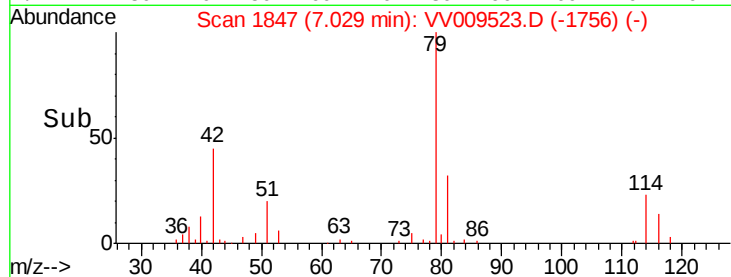
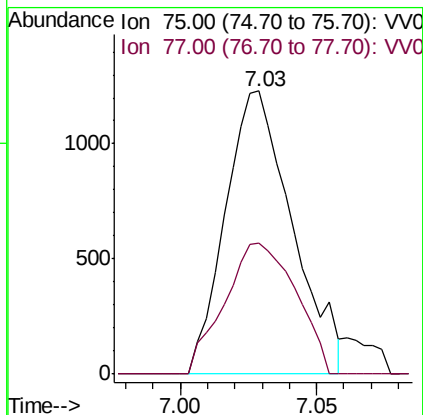
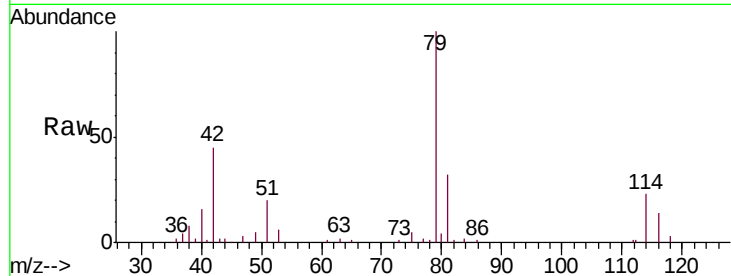


#42

cis-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009523.D
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Instrument :
MSVOA_V
ClientSampleId :
VBLK67

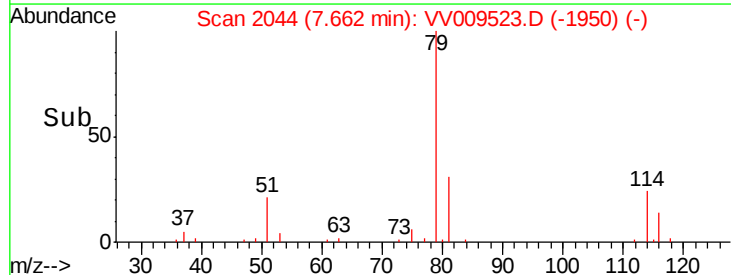
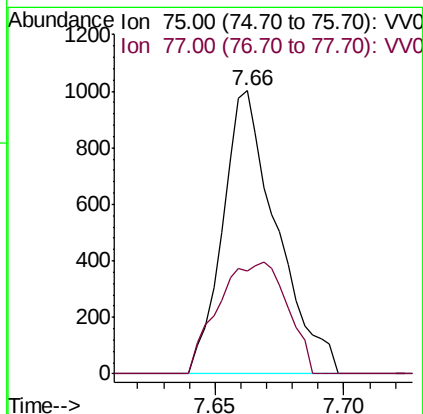
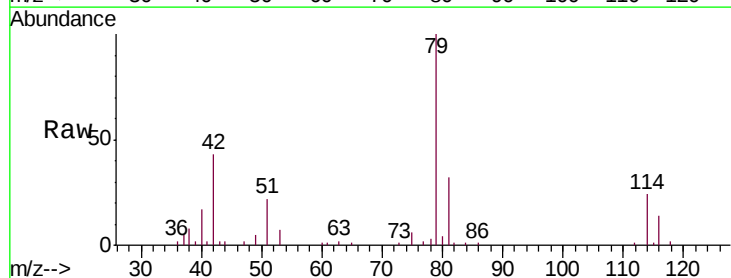
Tgt Ion: 75 Resp: 2091
Ion Ratio Lower Upper
75 100
77 46.2 21.4 39.8#

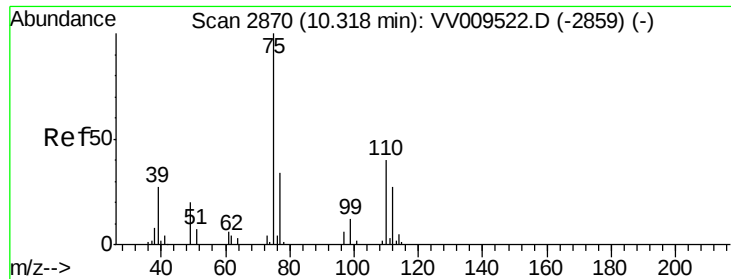


#45

trans-1,3-Dichloropropene
Concen: 0.529 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009523.D
Acq: 07 Mar 2019 11:23

Tgt Ion: 75 Resp: 1464
Ion Ratio Lower Upper
75 100
77 36.4 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.506 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009523.D

Acq: 07 Mar 2019 11:23

Instrument :

MSVOA_V

ClientSampleId :

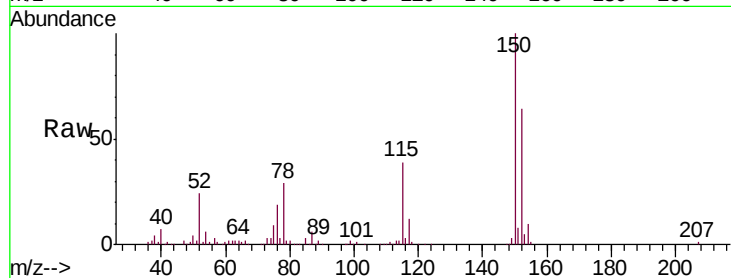
VBLK67

Tgt Ion: 75 Resp: 9498

Ion Ratio Lower Upper

75 100

77 40.4 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

