

Data File : VV009492.D
Acq On : 05 Mar 2019 18:21
Operator : SY/MD
Sample : K1657-19
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Mar 06 04:15:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157649	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66448	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51748	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.08%
7) Chloroethane-d5	1.58	69	77316	28.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.68%
10) 1,1-Dichloroethene-d2	2.13	63	100491	20.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.40%
20) 2-Butanone-d5	3.95	46	35339	54.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.30%
24) Chloroform-d	4.40	84	96157	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	59038	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	5.10	84	202836	27.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.04%
33) 1,2-Dichloropropane-d6	6.12	67	61360	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.84%
37) Toluene-d8	7.36	98	194563	27.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.28%
38) trans-1,3-Dichloropropene-	7.67	79	27507	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.32%
39) 2-Hexanone-d5	8.13	63	29595	58.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60603	26.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	65972	27.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.80%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.13	96	929	0.443	ug/L #	1
16) Methylene chloride	2.54	84	3809	1.841	ug/L	89
25) Chloroform	4.42	83	2767	0.747	ug/L	85
27) 1,2-Dichloroethane	5.09	62	721	0.280	ug/L #	77
42) cis-1,3-Dichloropropene	7.03	75	2739	0.898	ug/L	96
45) trans-1,3-Dichloropropene	7.67	75	1440	0.540	ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	9393	5.652	ug/L	92

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

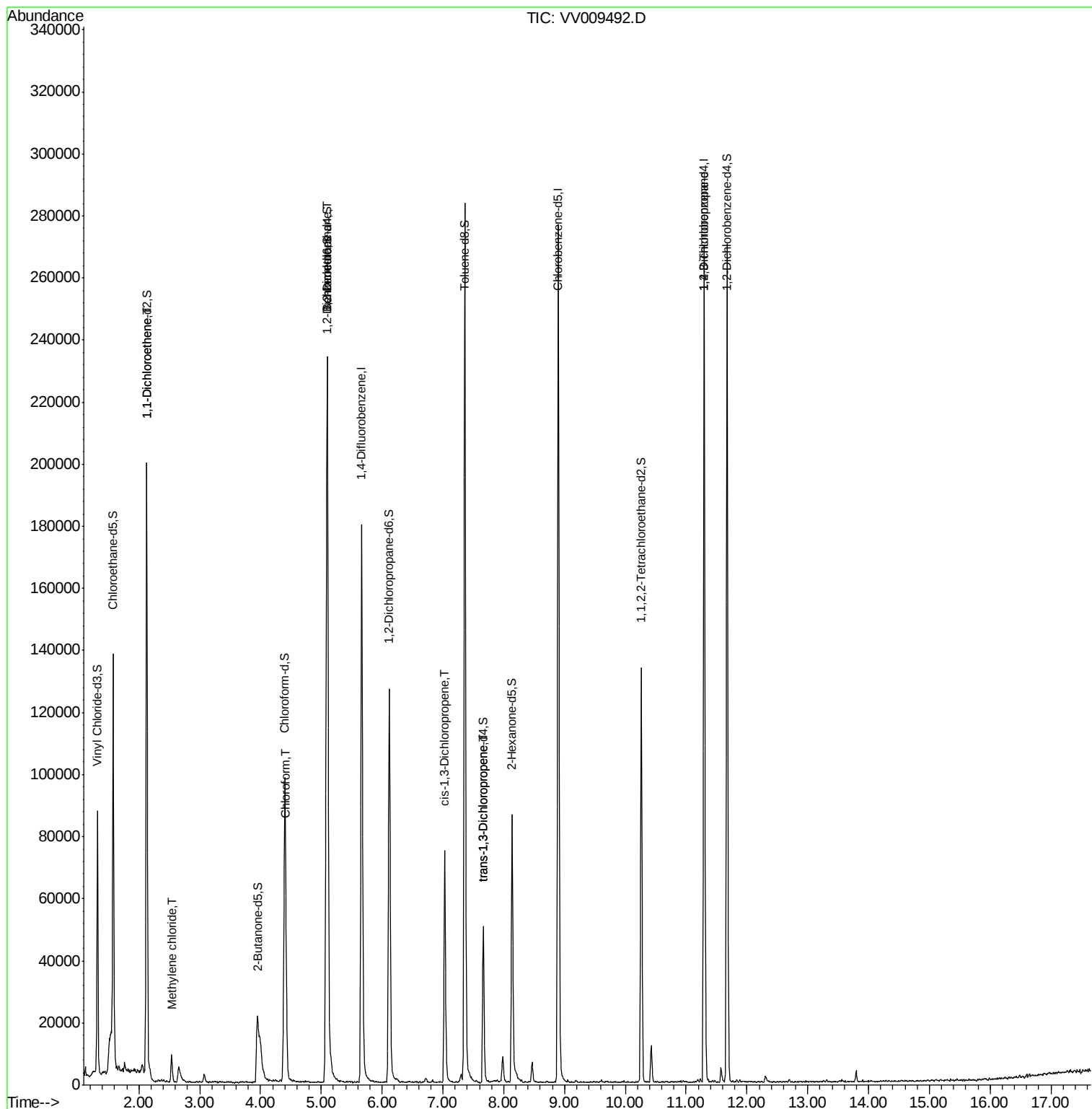
Quant Time: Mar 06 04:15:17 2019

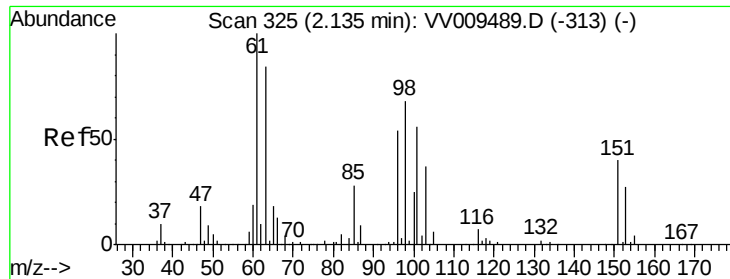
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM030519S.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 06 04:12:03 2019

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.443 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009492.D

Acq: 05 Mar 2019 18:21

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

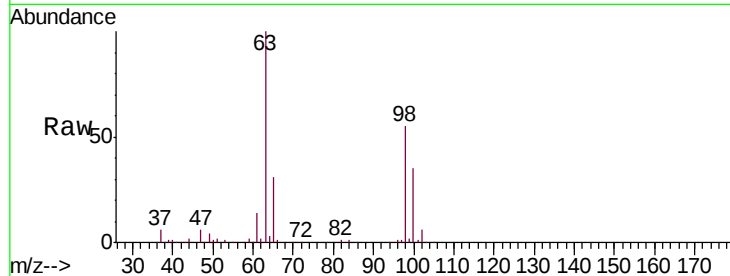
Tgt Ion: 96 Resp: 929

Ion Ratio Lower Upper

96 100

61 1550.6 136.9 254.3#

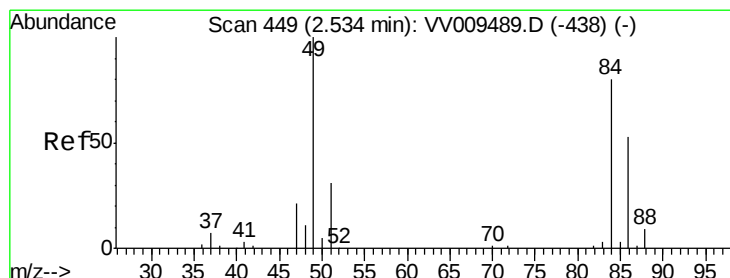
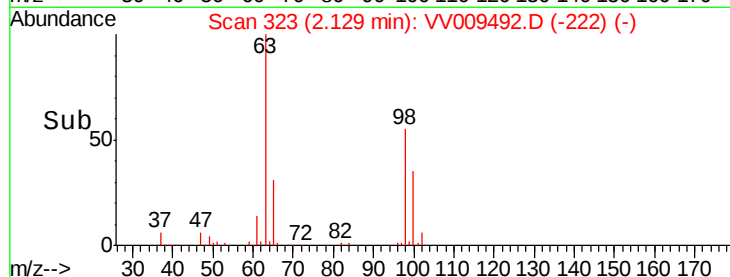
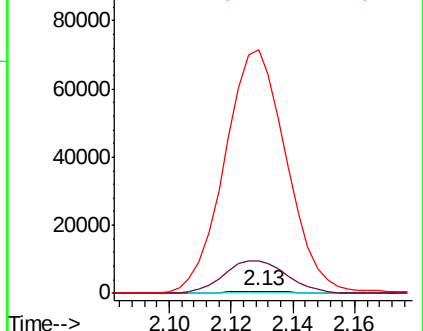
63 11472.2 108.7 201.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 1.841 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009492.D

Acq: 05 Mar 2019 18:21

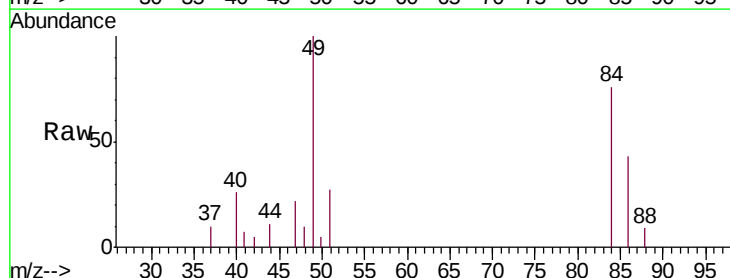
Tgt Ion: 84 Resp: 3809

Ion Ratio Lower Upper

84 100

49 132.2 84.6 157.0

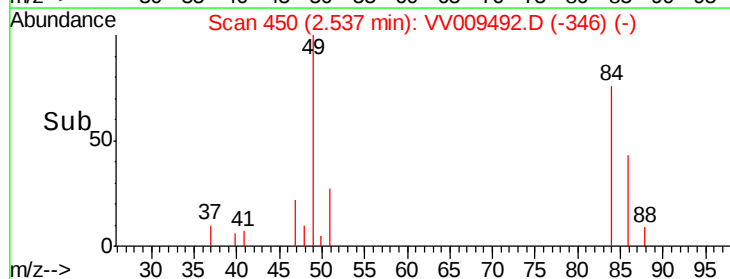
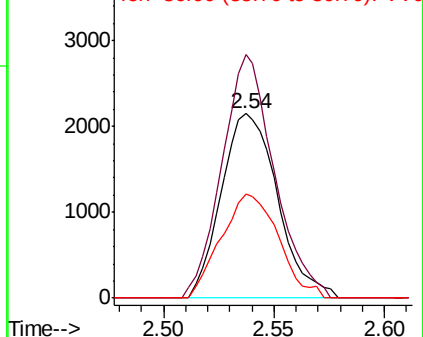
86 56.3 46.1 85.7

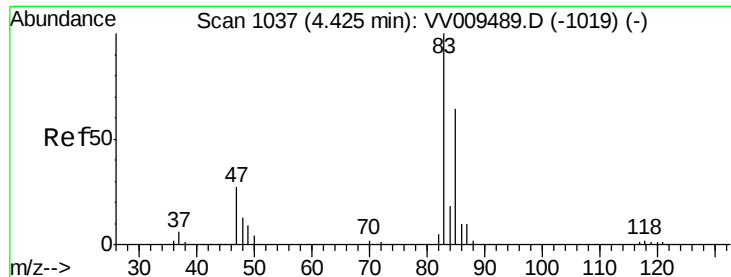


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

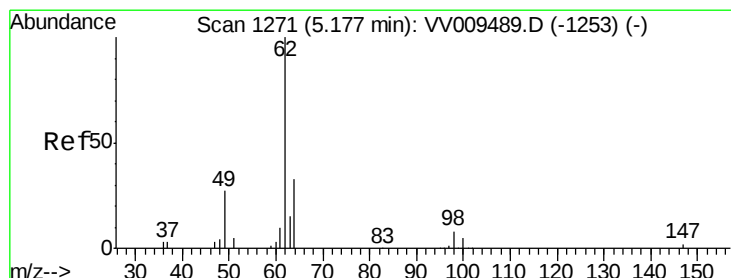
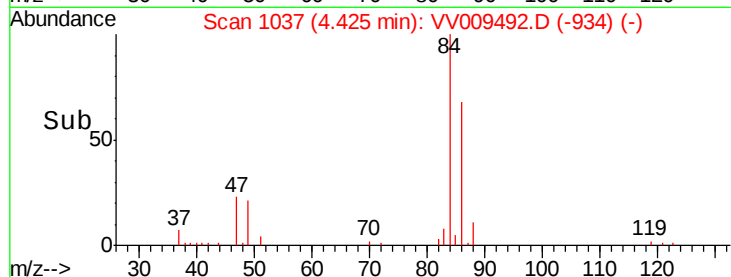
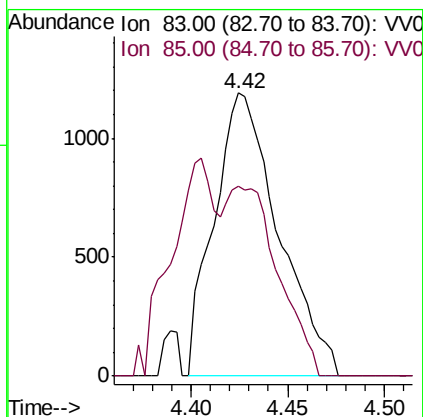
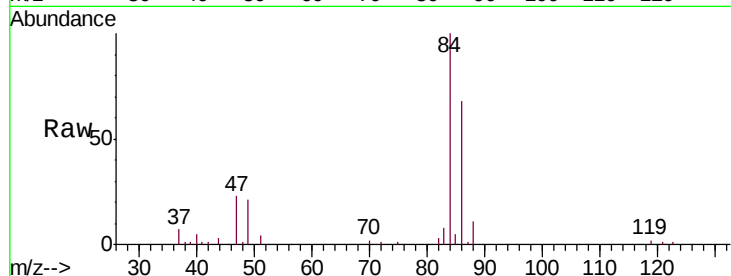




#25
Chloroform
Concen: 0.747 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009492.D
Acq: 05 Mar 2019 18:21

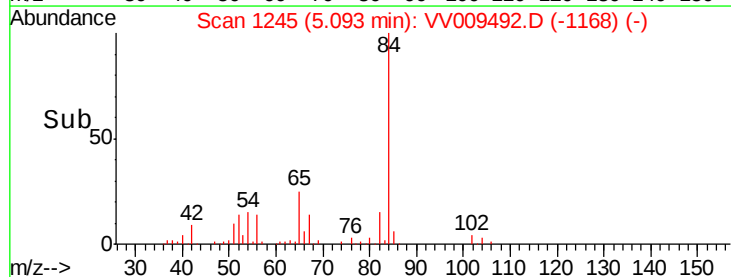
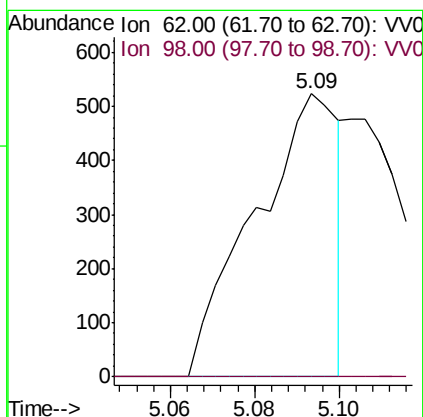
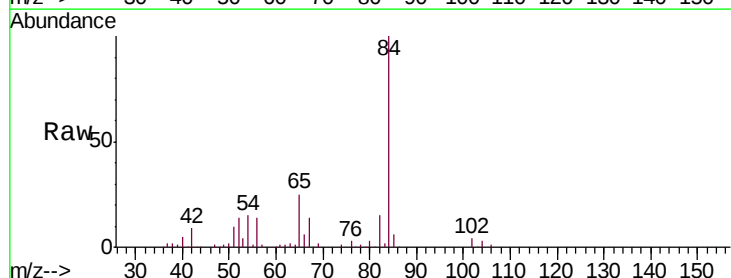
Instrument :
MSVOA_V
ClientSampled :
VHBLK02

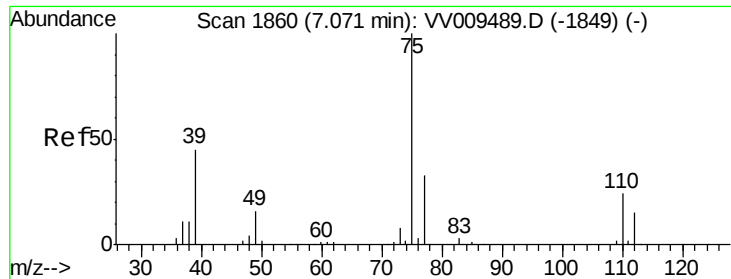
Tgt Ion: 83 Resp: 2767
Ion Ratio Lower Upper
83 100
85 53.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.280 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV009492.D
Acq: 05 Mar 2019 18:21

Tgt Ion: 62 Resp: 721
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



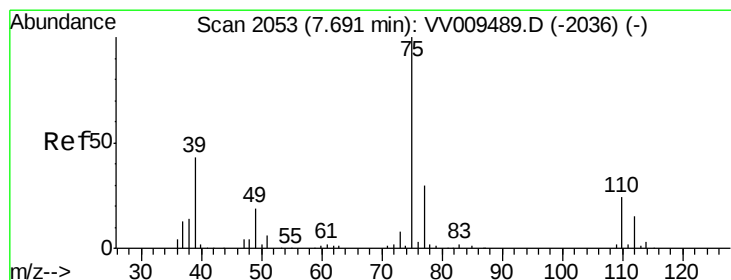
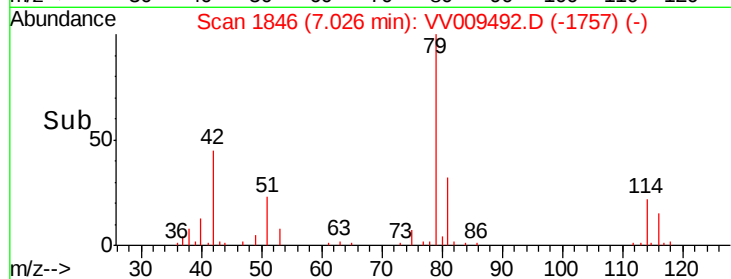
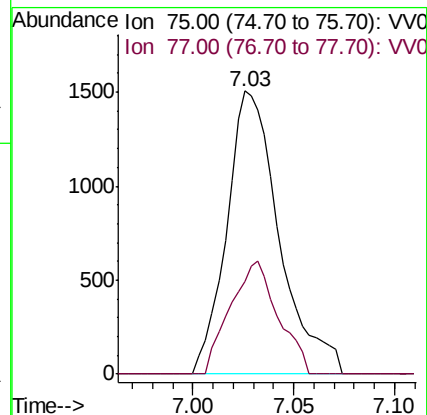
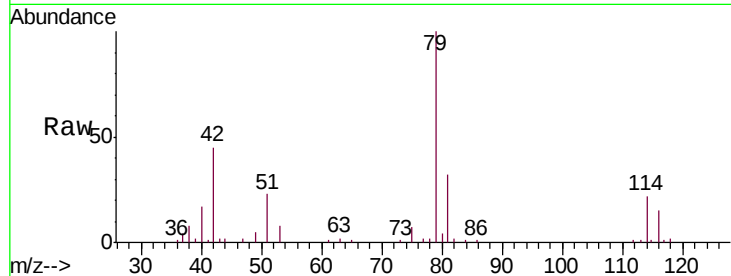


#42

cis-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009492.D
Acq: 05 Mar 2019 18:21

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

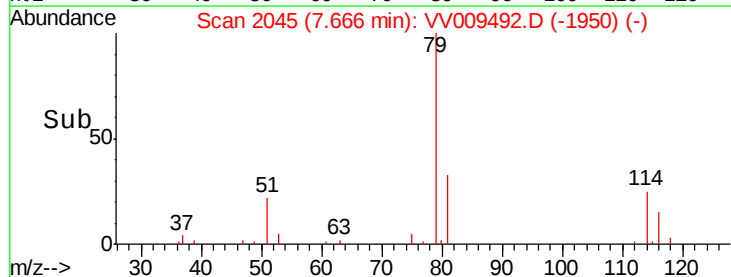
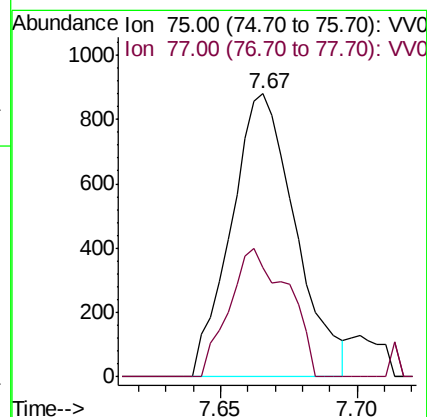
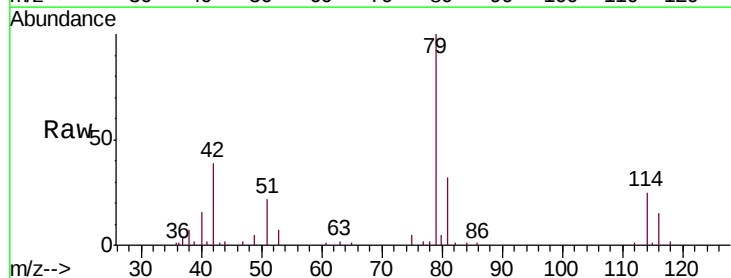
Tgt Ion: 75 Resp: 2739
Ion Ratio Lower Upper
75 100
77 32.8 21.4 39.8

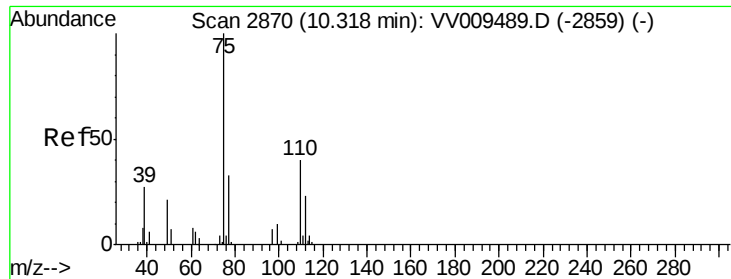


#45

trans-1,3-Dichloropropene
Concen: 0.540 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009492.D
Acq: 05 Mar 2019 18:21

Tgt Ion: 75 Resp: 1440
Ion Ratio Lower Upper
75 100
77 38.6 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.652 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009492.D

Acq: 05 Mar 2019 18:21

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 9393

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

