

Data File : VV009499.D
Acq On : 05 Mar 2019 21:26
Operator : SY/MD
Sample : K1662-14
Misc : 4.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF670

Quant Time: Mar 06 04:16:32 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	157307	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37626	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	1.58	69	69768	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
10) 1,1-Dichloroethene-d2	2.13	63	78989	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	3.96	46	29215	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
24) Chloroform-d	4.40	84	91137	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.08	65	58711	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.16%
29) Benzene-d6	5.10	84	184308	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	6.12	67	59871	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.04%
37) Toluene-d8	7.36	98	172048	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	7.66	79	24963	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.28%
39) 2-Hexanone-d5	8.14	63	23683	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55318	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	59196	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

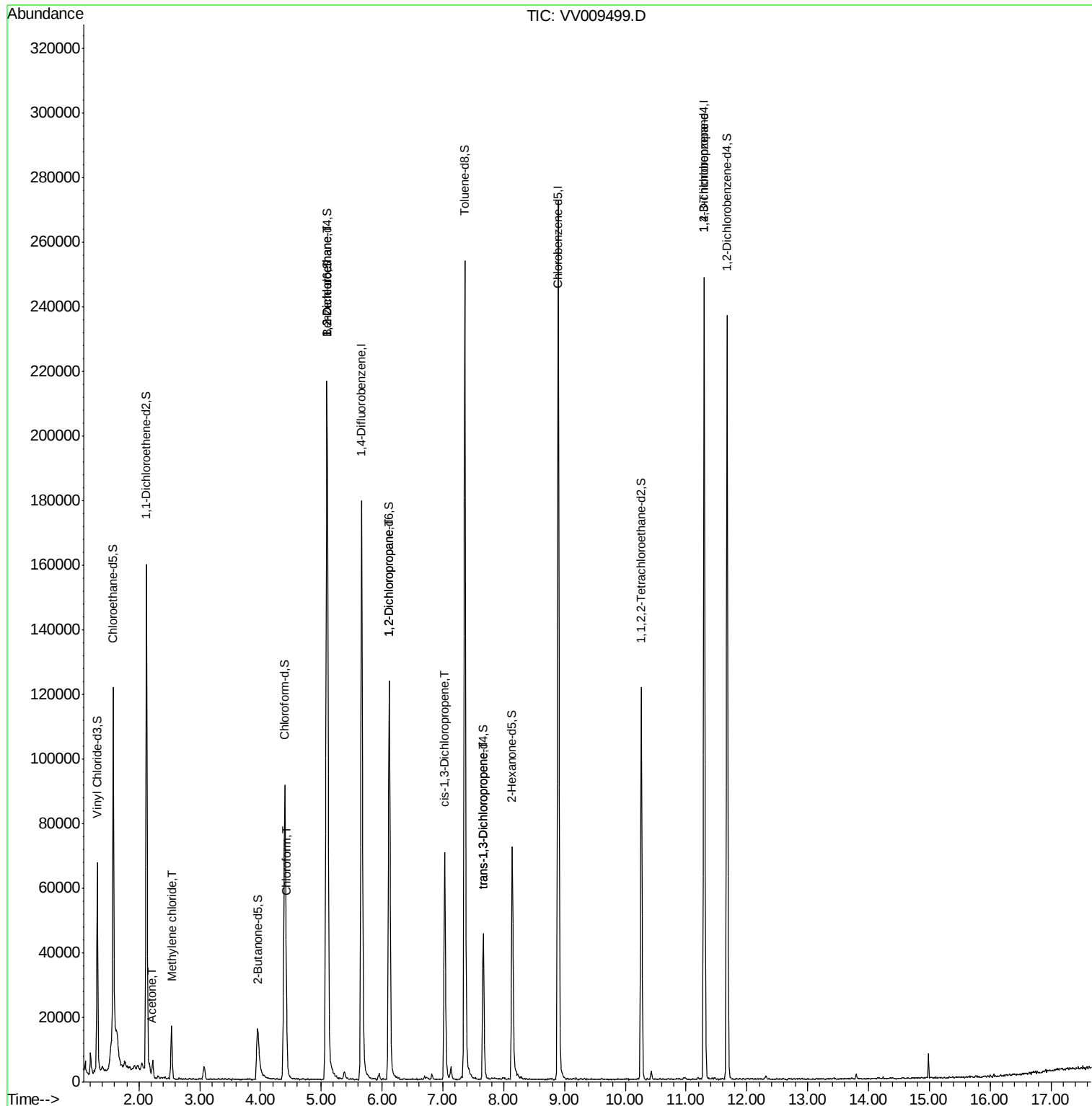
					Qvalue
13) Acetone	2.21	43	2156	3.286 ug/L	60
16) Methylene chloride	2.53	84	6556	3.176 ug/L	91
25) Chloroform	4.43	83	3519	0.953 ug/L	84
27) 1,2-Dichloroethane	5.10	62	1126	0.439 ug/L #	77
40) 1,2-Dichloropropane	6.12	63	6768	3.505 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2222	0.741 ug/L #	77
45) trans-1,3-Dichloropropene	7.67	75	1511	0.577 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	8548	5.235 ug/L #	86

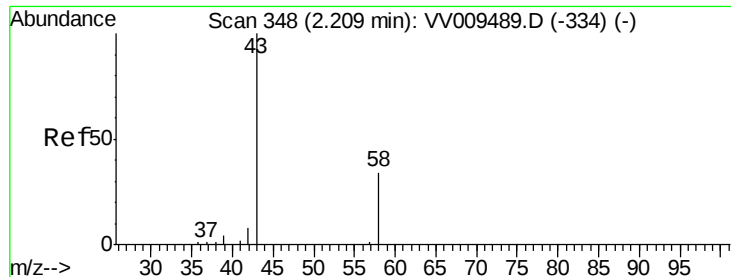
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.286 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV009499.D

Acq: 05 Mar 2019 21:26

Instrument :

MSVOA_V

ClientSampled :

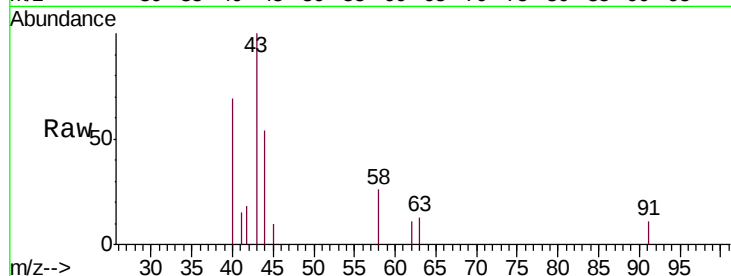
BF670

Tgt Ion: 43 Resp: 2156

Ion Ratio Lower Upper

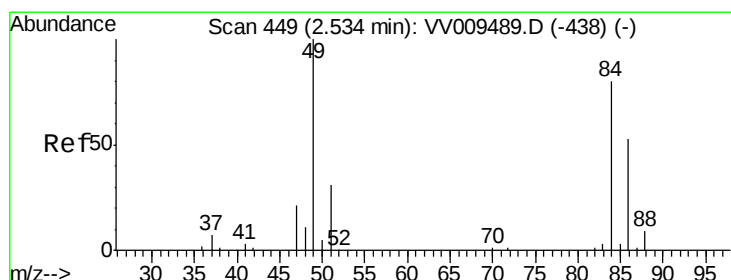
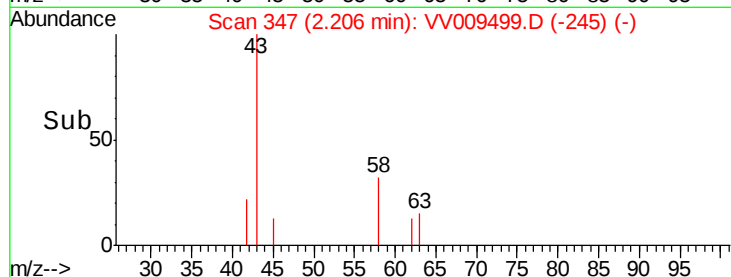
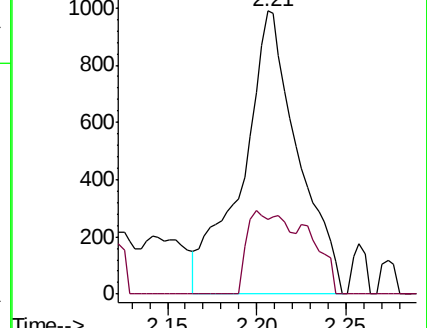
43 100

58 11.3 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009489.D (-334) (-)



#16

Methylene chloride

Concen: 3.176 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009499.D

Acq: 05 Mar 2019 21:26

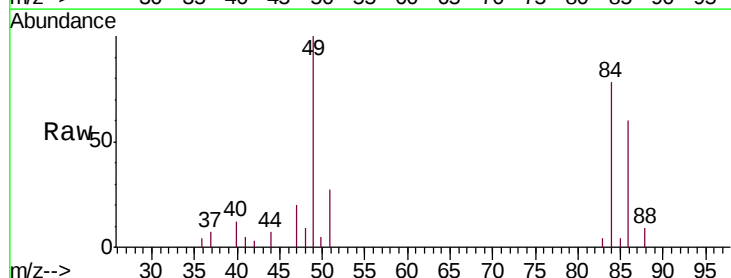
Tgt Ion: 84 Resp: 6556

Ion Ratio Lower Upper

84 100

49 127.5 84.6 157.0

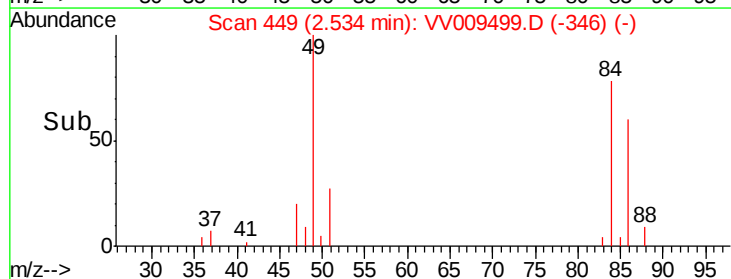
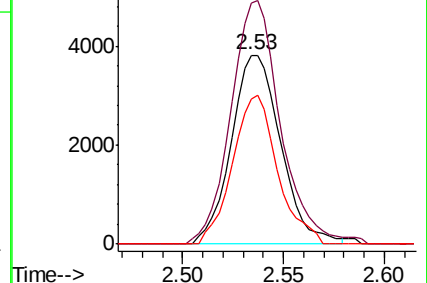
86 76.9 46.1 85.7

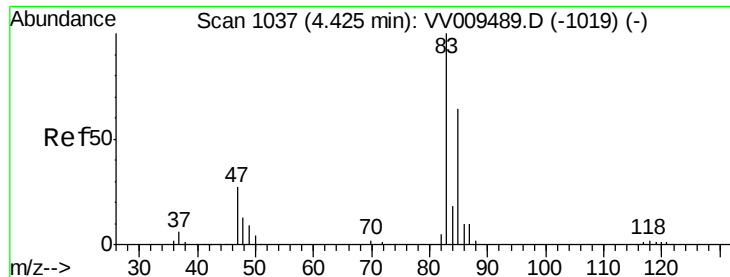


Abundance Ion 84.00 (83.70 to 84.70): VV009489.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009489.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009489.D (-438) (-)

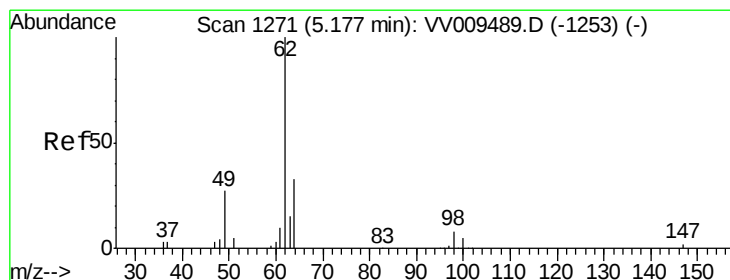
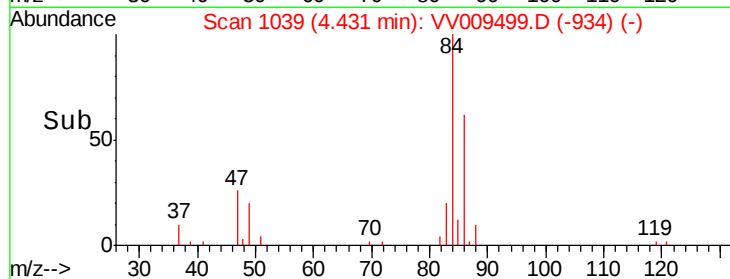
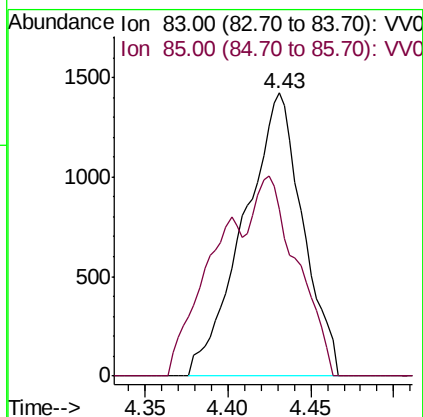
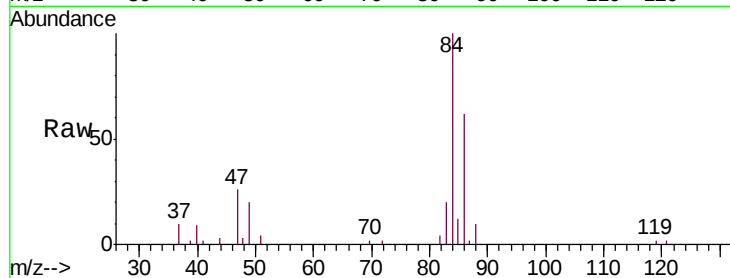




#25
Chloroform
Concen: 0.953 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009499.D
Acq: 05 Mar 2019 21:26

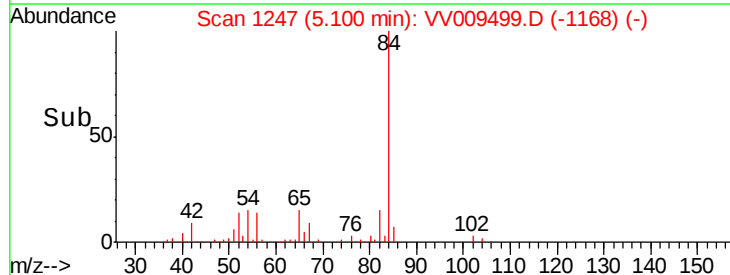
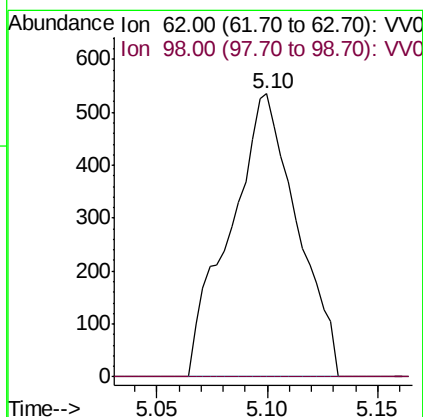
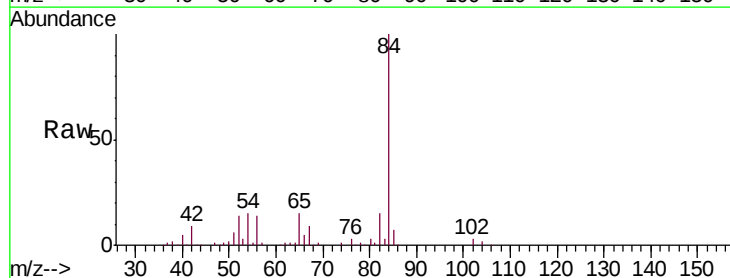
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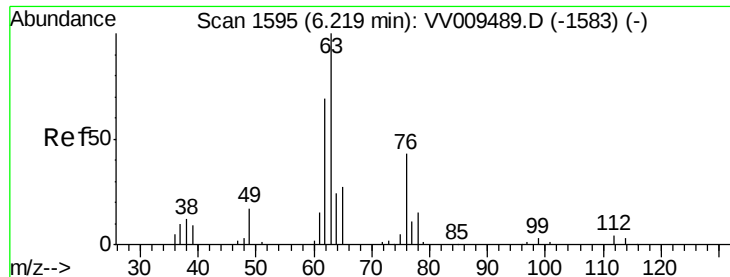
Tgt Ion: 83 Resp: 3519
Ion Ratio Lower Upper
83 100
85 52.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.439 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009499.D
Acq: 05 Mar 2019 21:26

Tgt Ion: 62 Resp: 1126
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

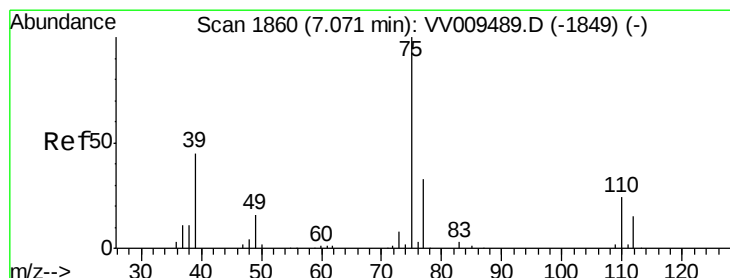
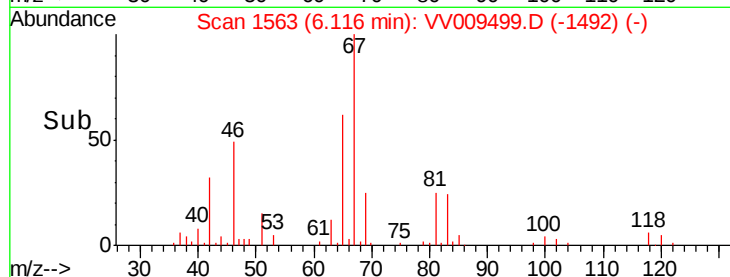
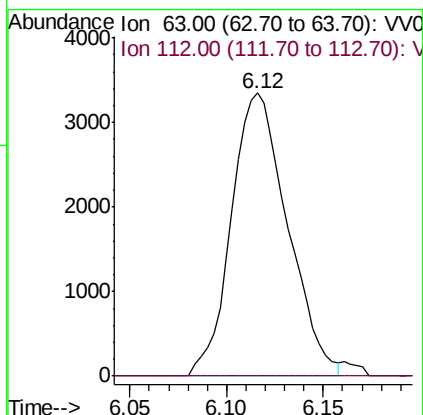
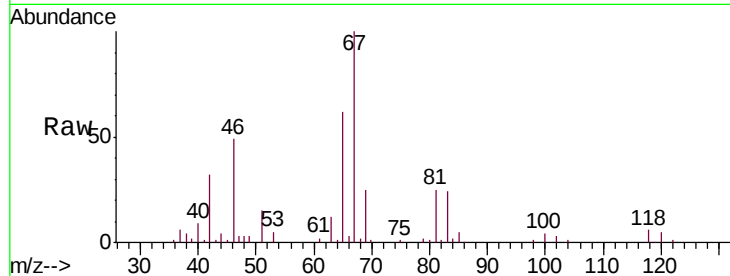




#40
 1,2-Dichloropropane
 Concen: 3.505 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009499.D
 Acq: 05 Mar 2019 21:26

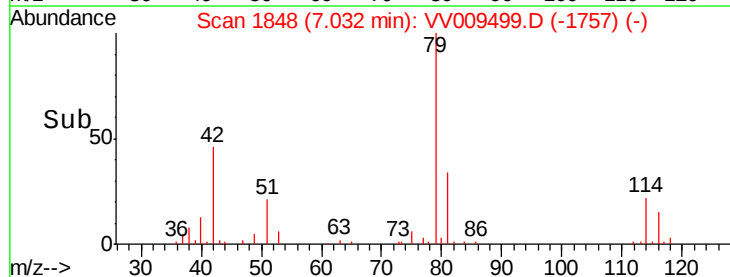
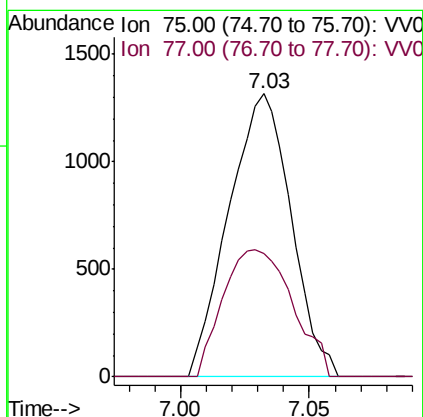
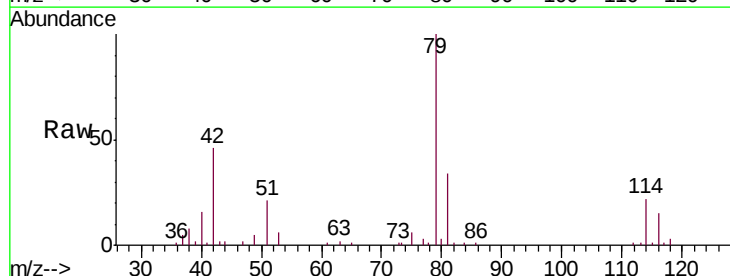
Instrument :
 MSVOA_V
 ClientSampleId :
 BF670

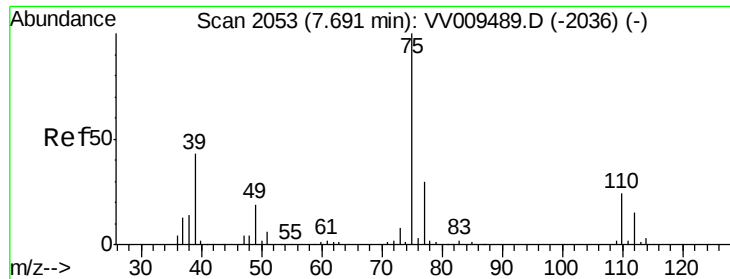
Tgt Ion: 63 Resp: 6768
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.741 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009499.D
 Acq: 05 Mar 2019 21:26

Tgt Ion: 75 Resp: 2222
 Ion Ratio Lower Upper
 75 100
 77 43.4 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009499.D

Acq: 05 Mar 2019 21:26

Instrument :

MSVOA_V

ClientSampleId :

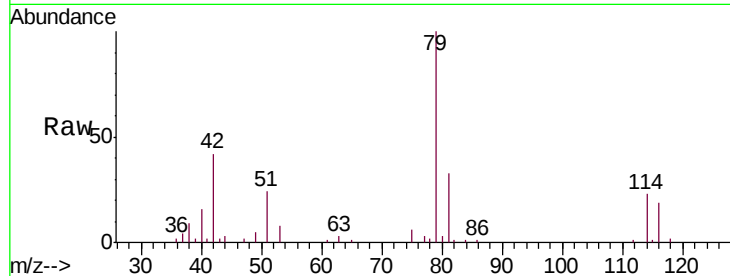
BF670

Tgt Ion: 75 Resp: 1511

Ion Ratio Lower Upper

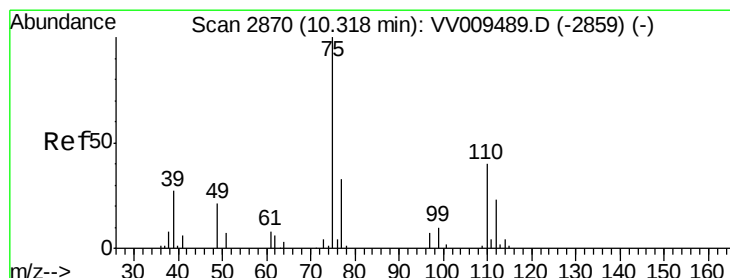
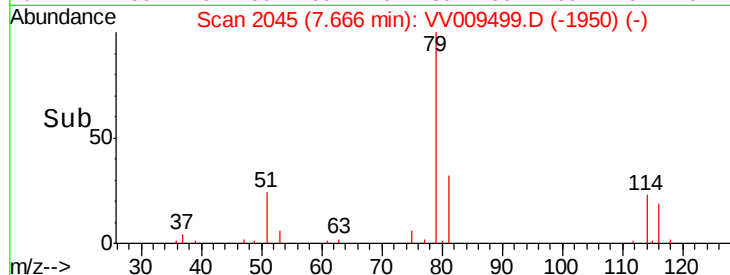
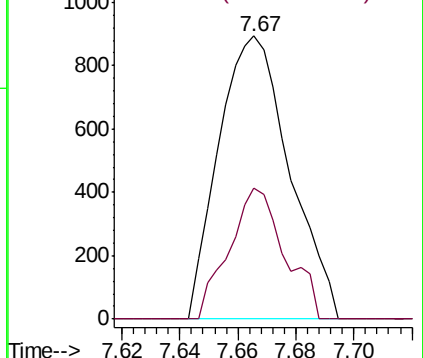
75 100

77 46.4 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV009489.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV009489.D (-2036) (-)



#59

1,2,3-Trichloropropane

Concen: 5.235 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009499.D

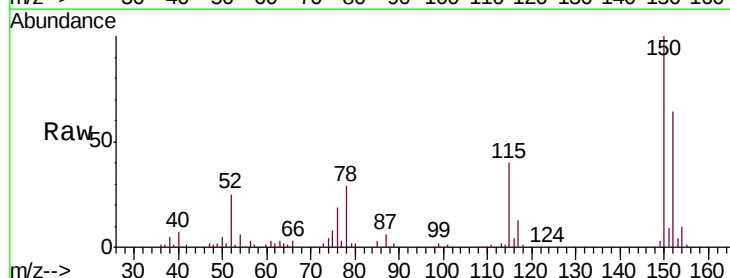
Acq: 05 Mar 2019 21:26

Tgt Ion: 75 Resp: 8548

Ion Ratio Lower Upper

75 100

77 40.0 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV009489.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009489.D (-2859) (-)

