

Data File : VV009403.D
Acq On : 27 Feb 2019 17:24
Operator : SY/MD
Sample : K1626-12
Misc : 3.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF672

Quant Time: Feb 28 04:36:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151785	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125332	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36614	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
7) Chloroethane-d5	1.57	69	56536	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	2.13	63	81799	16.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	18720	32.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.08%
24) Chloroform-d	4.40	84	90583	24.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.08	65	52902	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	5.10	84	183186	27.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.00%
33) 1,2-Dichloropropane-d6	6.12	67	57101	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	7.36	98	167018	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
38) trans-1,3-Dichloropropene-	7.67	79	21904	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.76%
39) 2-Hexanone-d5	8.14	63	16807	40.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45201	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	39275	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

Target Compounds

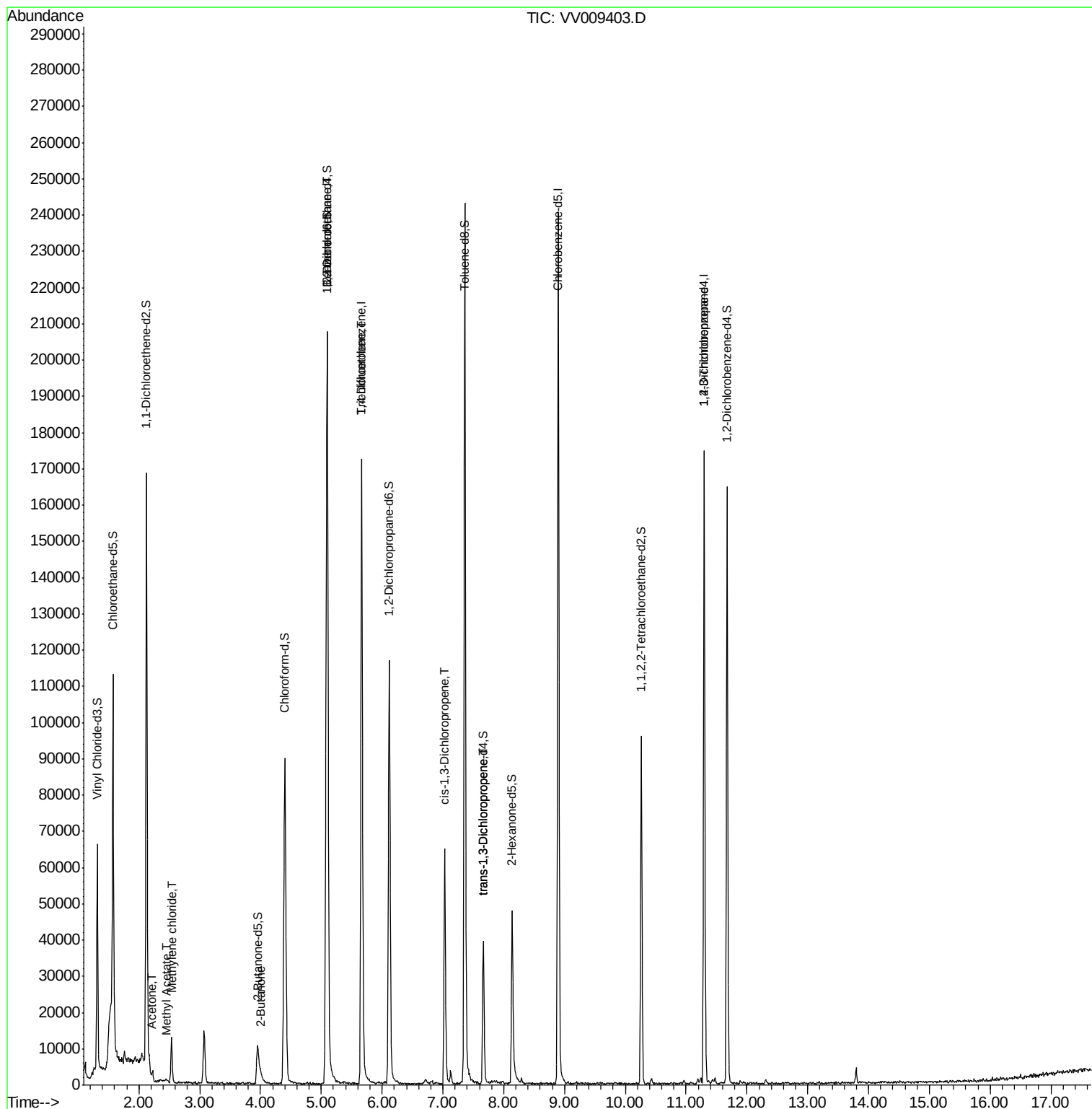
					Qvalue
13) Acetone	2.20	43	1637	2.489 ug/L	91
15) Methyl Acetate	2.47	43	772	0.888 ug/L #	48
16) Methylene chloride	2.54	84	5072	2.467 ug/L	95
21) 2-Butanone	4.01	43	1152	1.405 ug/L #	48
27) 1,2-Dichloroethane	5.10	62	1009	0.398 ug/L #	77
35) Trichloroethene	5.66	95	4675	2.417 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1910	0.692 ug/L	85
45) trans-1,3-Dichloropropene	7.66	75	1218	0.487 ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	6164	4.438 ug/L	91

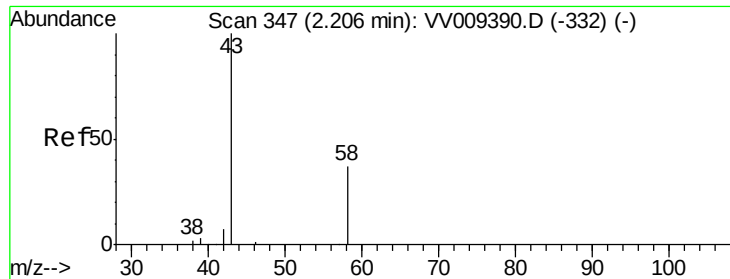
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.489 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV009403.D

Acq: 27 Feb 2019 17:24

Instrument :

MSVOA_V

ClientSampled :

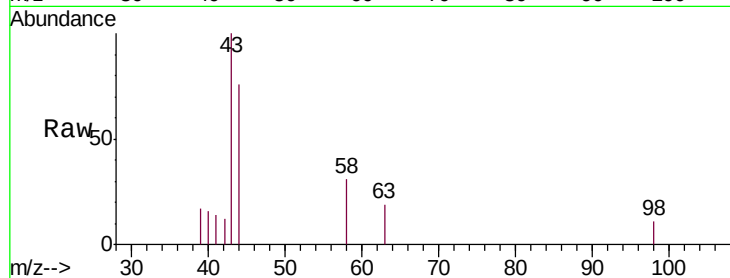
BF672

Tgt Ion: 43 Resp: 1637

Ion Ratio Lower Upper

43 100

58 29.4 0.0 68.8

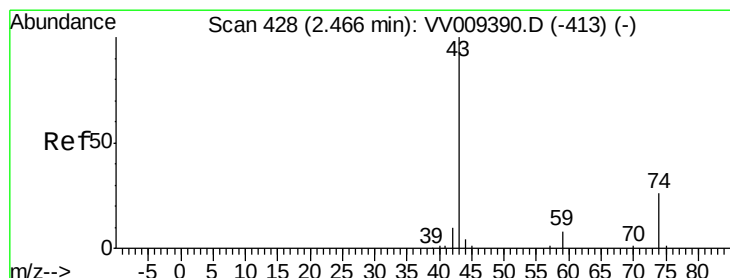
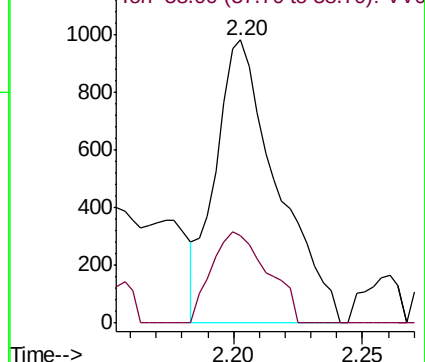
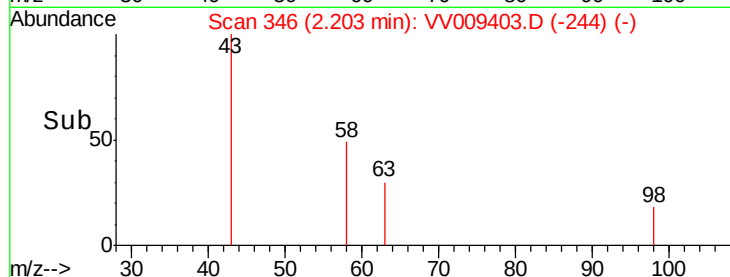


Abundance Ion 43.00 (42.70 to 43.70): VV009390.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009390.D (-332) (-)

2.20

2.25



#15

Methyl Acetate

Concen: 0.888 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV009403.D

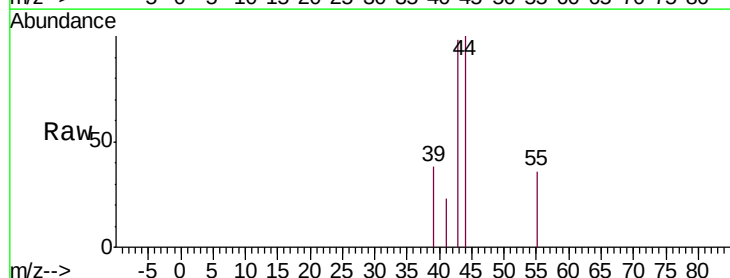
Acq: 27 Feb 2019 17:24

Tgt Ion: 43 Resp: 772

Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.8#

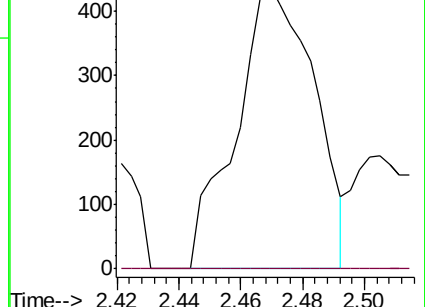
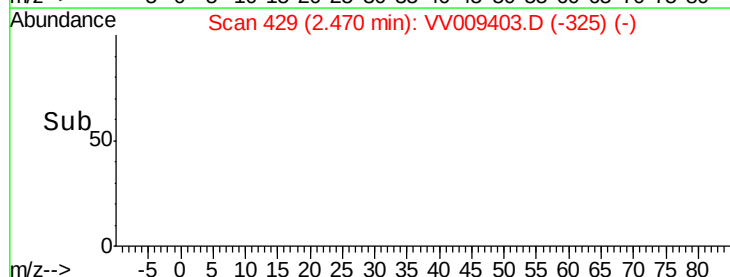


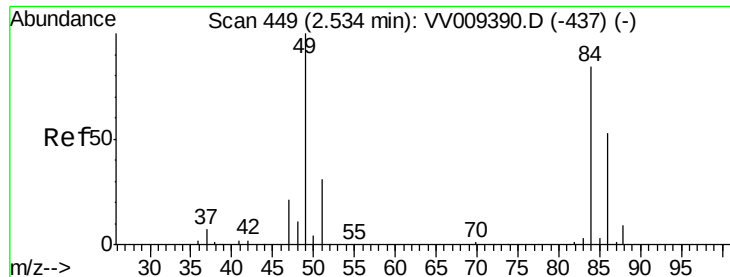
Abundance Ion 43.00 (42.70 to 43.70): VV009390.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV009390.D (-413) (-)

2.47

2.50

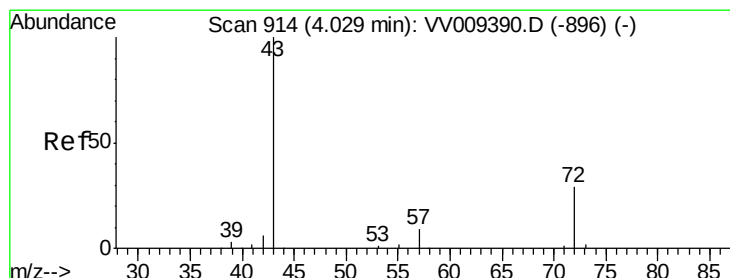
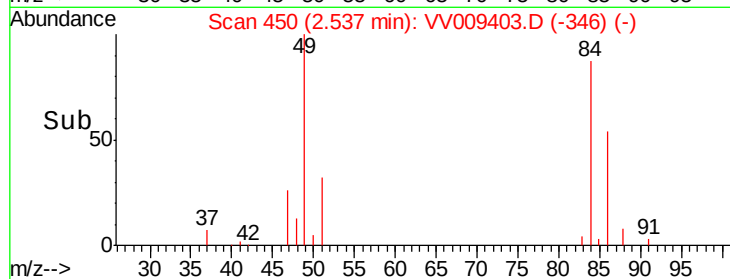
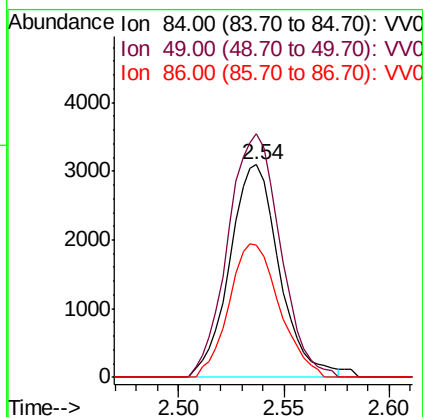
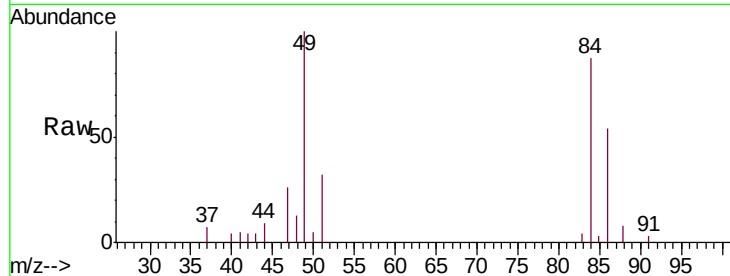




#16
Methylene chloride
Concen: 2.467 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009403.D
Acq: 27 Feb 2019 17:24

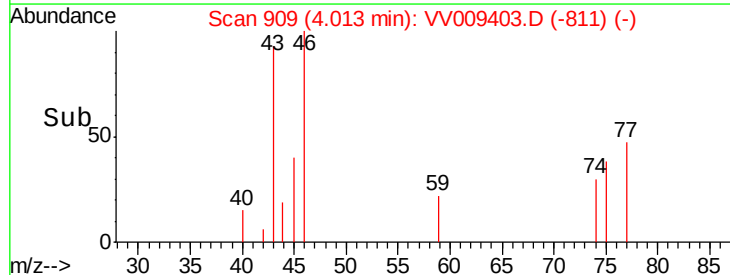
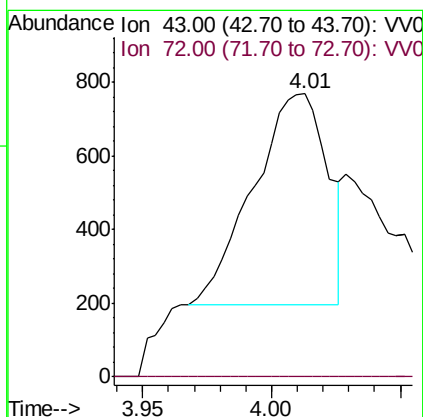
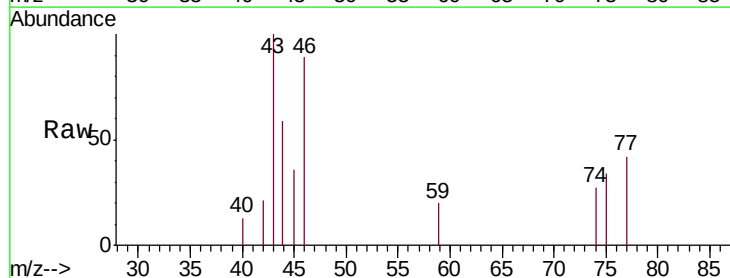
Instrument :
MSVOA_V
ClientSampleId :
BF672

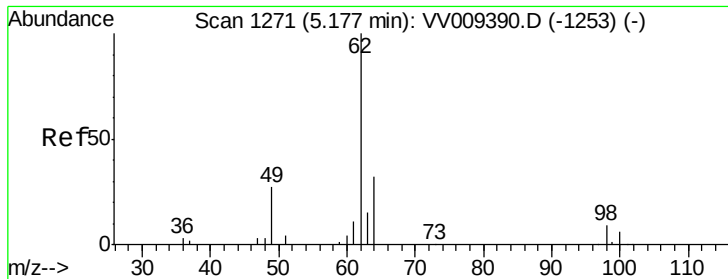
Tgt Ion: 84 Resp: 5072
Ion Ratio Lower Upper
84 100
49 114.6 84.6 157.0
86 62.3 46.1 85.7



#21
2-Butanone
Concen: 1.405 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.02 min
Lab File: VV009403.D
Acq: 27 Feb 2019 17:24

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.0#

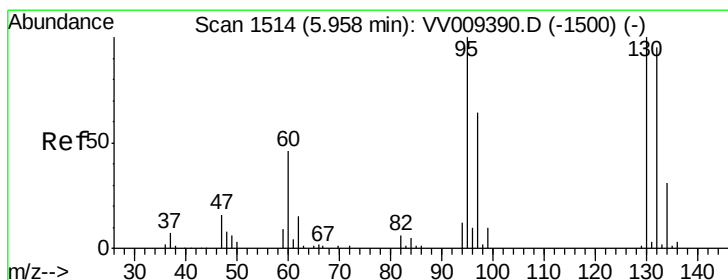
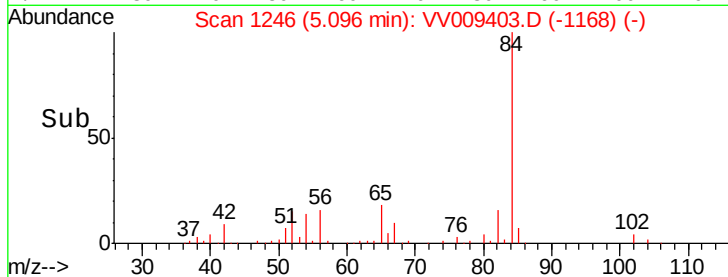
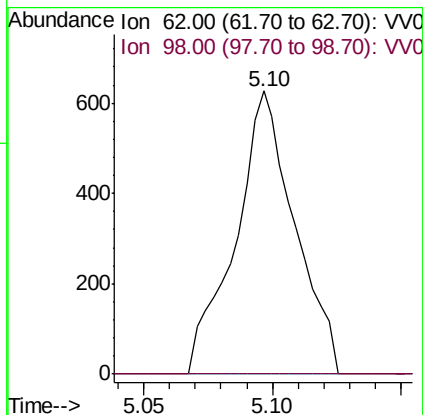
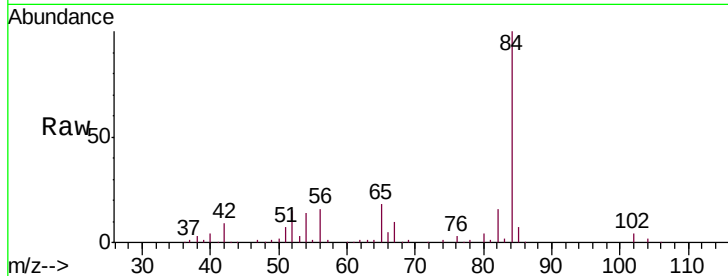




#27
 1,2-Dichloroethane
 Concen: 0.398 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009403.D
 Acq: 27 Feb 2019 17:24

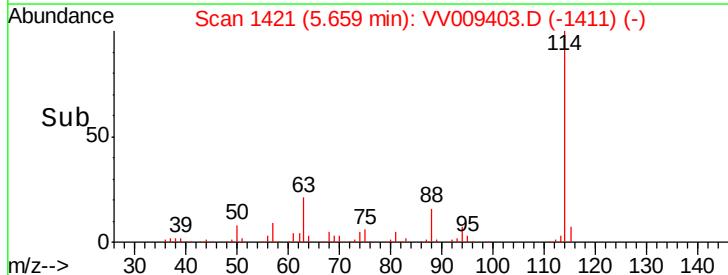
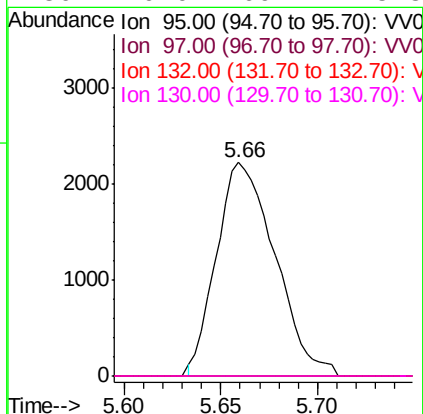
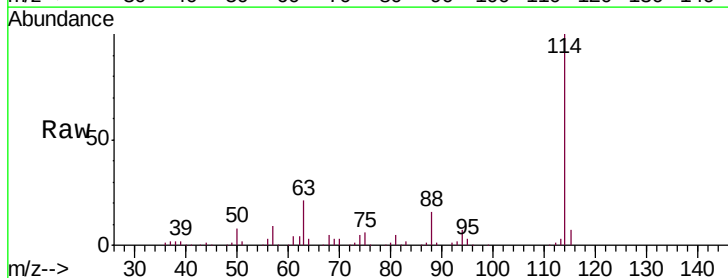
Instrument :
 MSVOA_V
 ClientSampleId :
 BF672

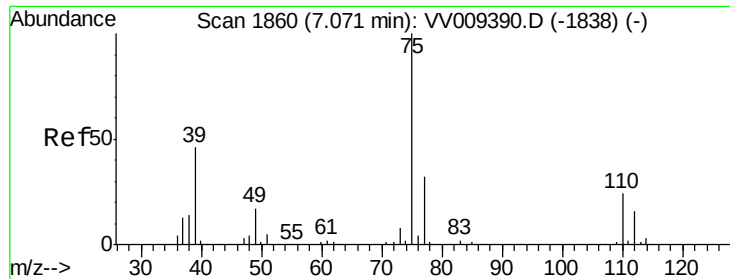
Tgt Ion: 62 Resp: 1009
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Trichloroethene
 Concen: 2.417 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009403.D
 Acq: 27 Feb 2019 17:24

Tgt Ion: 95 Resp: 4675
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 64.4 119.6#
 130 0.0 69.4 128.8#



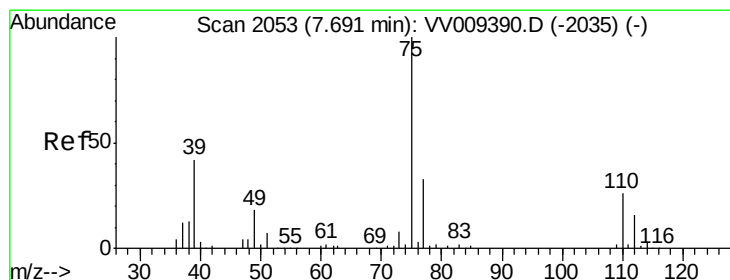
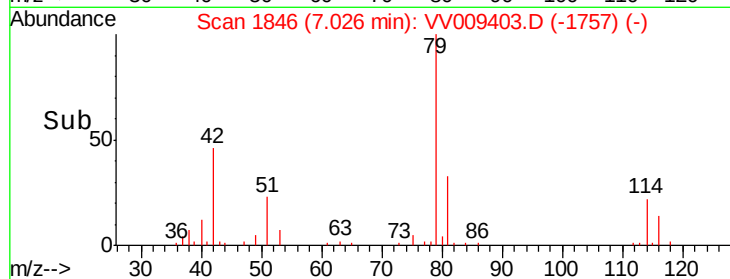
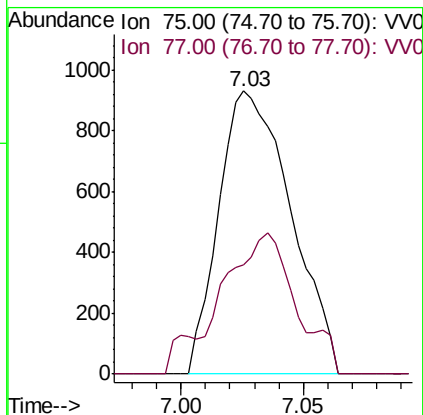
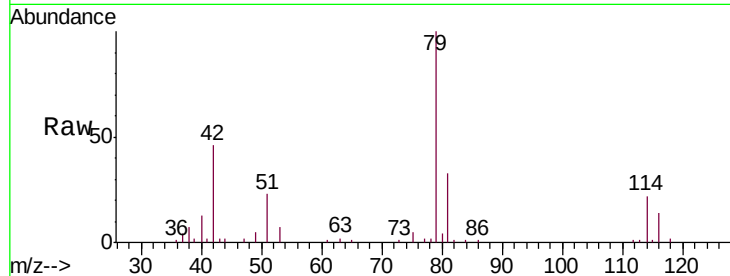


#42

cis-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009403.D
Acq: 27 Feb 2019 17:24

Instrument :
MSVOA_V
ClientSampled :
BF672

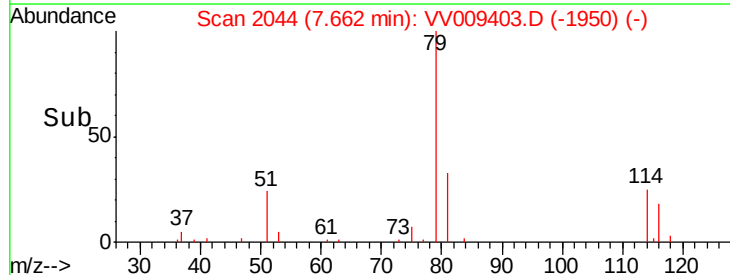
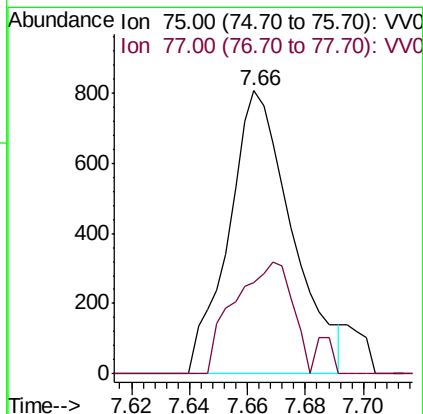
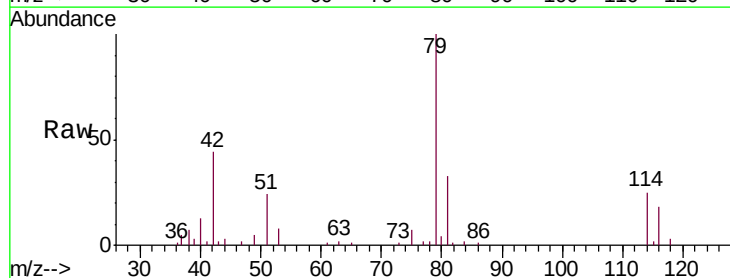
Tgt Ion: 75 Resp: 1910
Ion Ratio Lower Upper
75 100
77 38.8 21.4 39.8

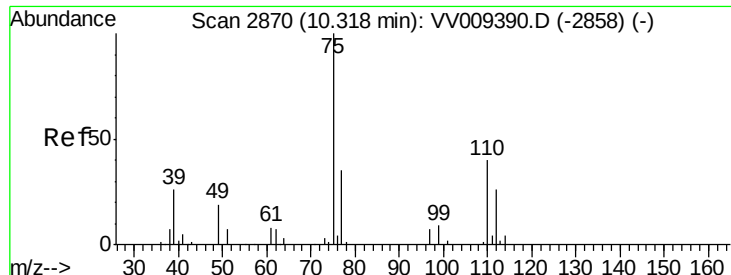


#45

trans-1,3-Dichloropropene
Concen: 0.487 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009403.D
Acq: 27 Feb 2019 17:24

Tgt Ion: 75 Resp: 1218
Ion Ratio Lower Upper
75 100
77 32.3 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.438 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009403.D

Acq: 27 Feb 2019 17:24

Instrument :

MSVOA_V

ClientSampleId :

BF672

Tgt Ion: 75 Resp: 6164

Ion Ratio Lower Upper

75 100

77 37.5 25.9 38.9

