

Data File : VV009494.D
Acq On : 05 Mar 2019 19:14
Operator : SY/MD
Sample : K1662-05
Misc : 5.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC61RE

Quant Time: Mar 06 04:15:38 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	88176	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36835	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28931	27.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.04%
7) Chloroethane-d5	1.58	69	29269	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.28%
10) 1,1-Dichloroethene-d2	2.13	63	58177	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.24%
20) 2-Butanone-d5	3.95	46	18686	51.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.32%
24) Chloroform-d	4.40	84	58942	28.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	5.08	65	37369	31.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.08%
29) Benzene-d6	5.10	84	120710	28.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.56%
33) 1,2-Dichloropropane-d6	6.12	67	37456	30.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.44%#
37) Toluene-d8	7.36	98	114764	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.72%
38) trans-1,3-Dichloropropene-	7.67	79	16519	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.60%
39) 2-Hexanone-d5	8.13	63	15084	51.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34961	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	38670	28.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.04%

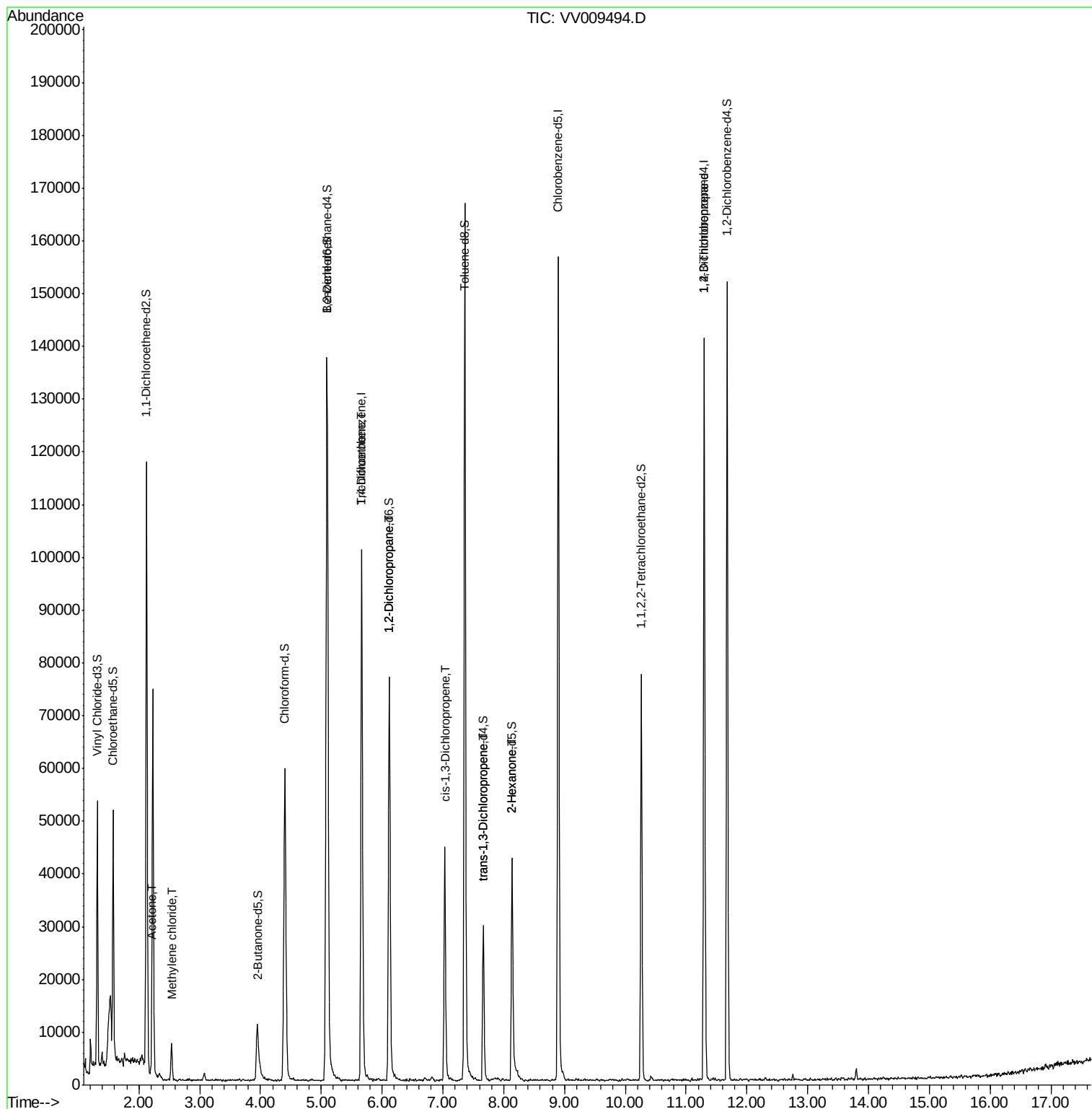
Target Compounds

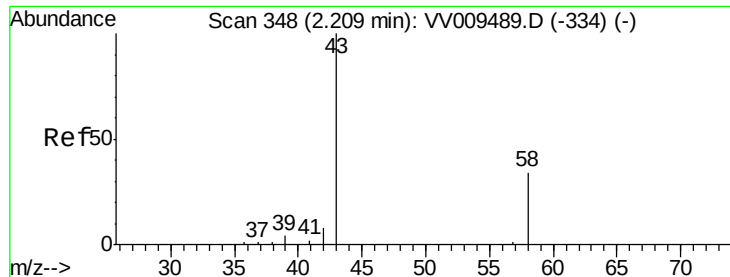
					Qvalue
13) Acetone	2.20	43	1083	2.945 ug/L	86
16) Methylene chloride	2.53	84	2941	2.541 ug/L	92
35) Trichloroethene	5.66	95	2725	2.156 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	4100	3.616 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1572	0.893 ug/L #	51
45) trans-1,3-Dichloropropene	7.66	75	785	0.511 ug/L #	66
49) 2-Hexanone	8.14	43	1746	2.583 ug/L #	54
59) 1,2,3-Trichloropropane	11.29	75	5120	5.339 ug/L #	84

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

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ALS Vial      : 1      Sample Multiplier: 1
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Response via : Initial Calibration





#13

Acetone

Concen: 2.945 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV009494.D

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Instrument :

MSVOA_V

ClientSampled :

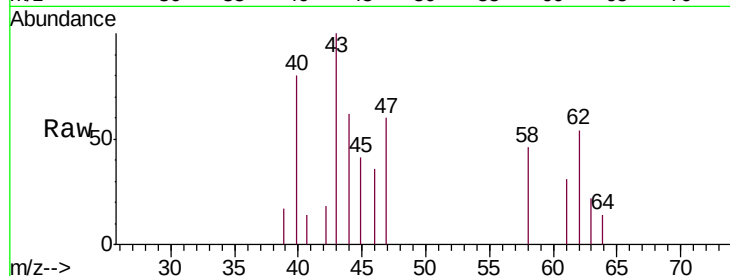
BFC61RE

Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

43 100

58 42.5 0.0 68.8

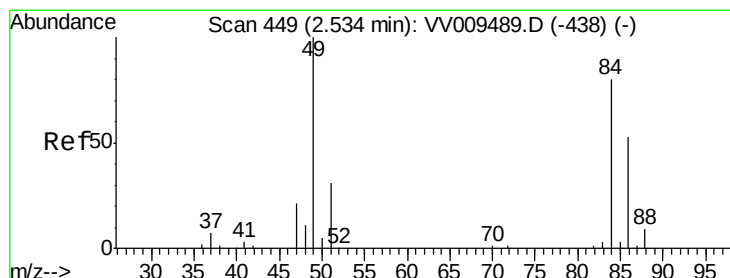
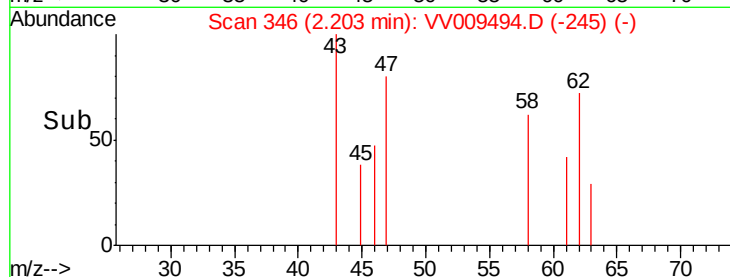


Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-334) (-)

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

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.541 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009494.D

Acq: 05 Mar 2019 19:14

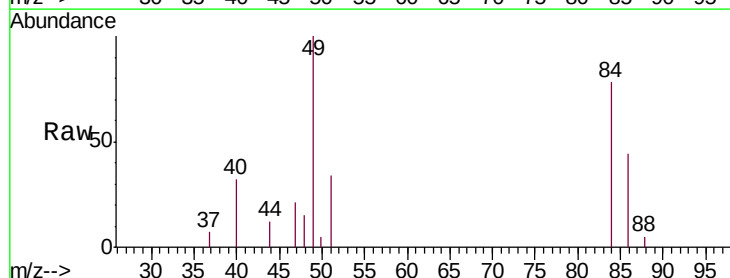
Tgt Ion: 84 Resp: 2941

Ion Ratio Lower Upper

84 100

49 127.8 84.6 157.0

86 56.4 46.1 85.7



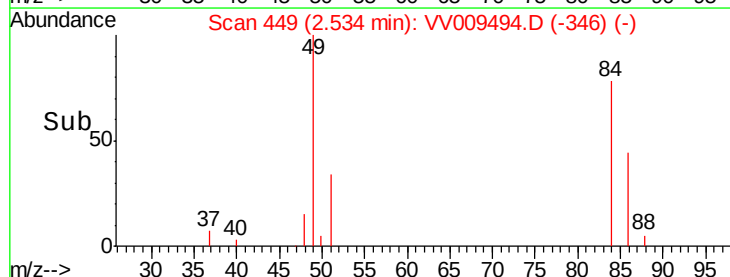
Abundance Ion 84.00 (83.70 to 84.70): VV009489.D (-438) (-)

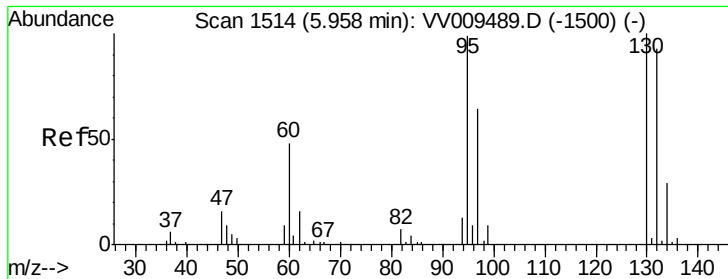
Ion 49.00 (48.70 to 49.70): VV009489.D (-438) (-)

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

Time-->

2.50 2.55





#35

Trichloroethene

Concen: 2.156 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV009494.D

Acq: 05 Mar 2019 19:14

Instrument :

MSVOA_V

ClientSampleId :

BFC61RE

Tgt Ion: 95 Resp: 2725

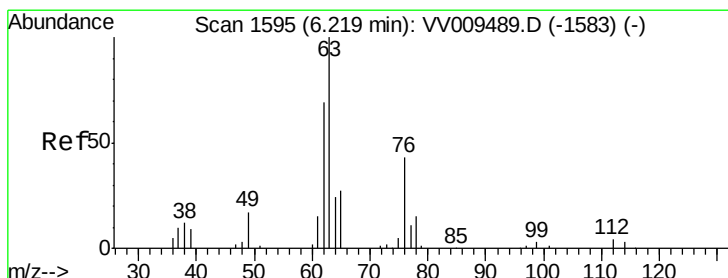
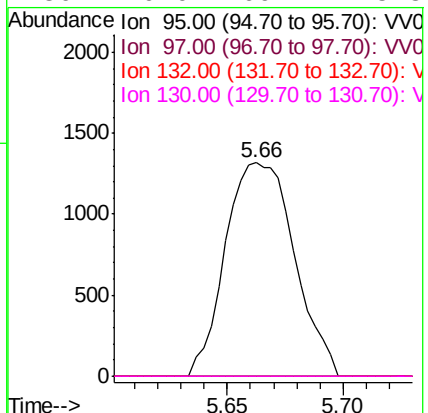
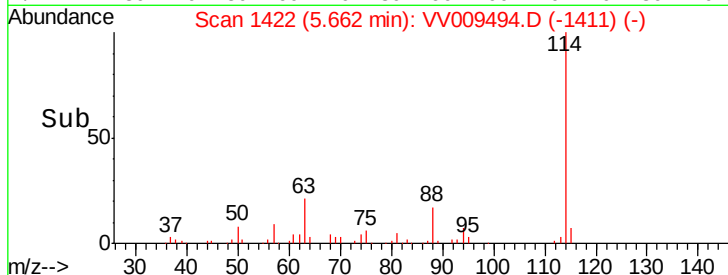
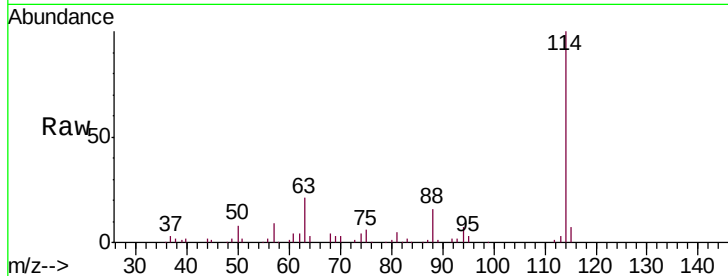
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 3.616 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009494.D

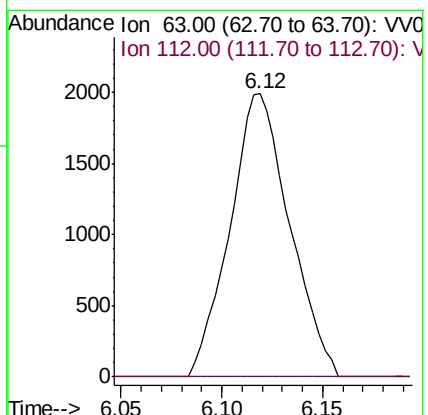
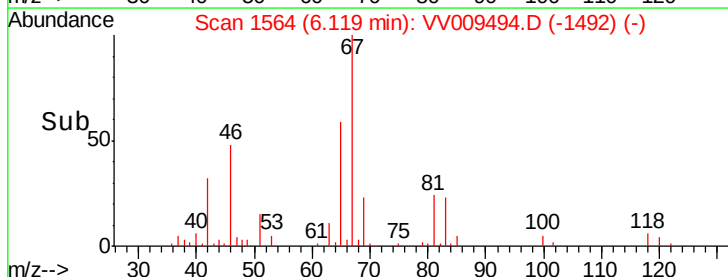
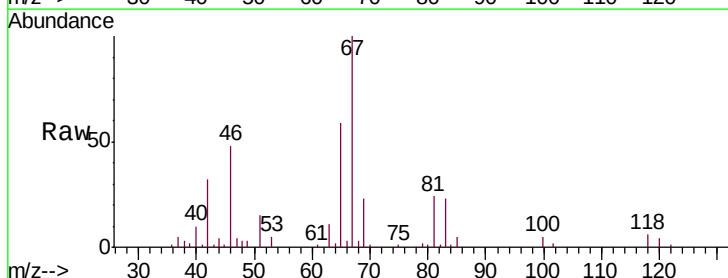
Acq: 05 Mar 2019 19:14

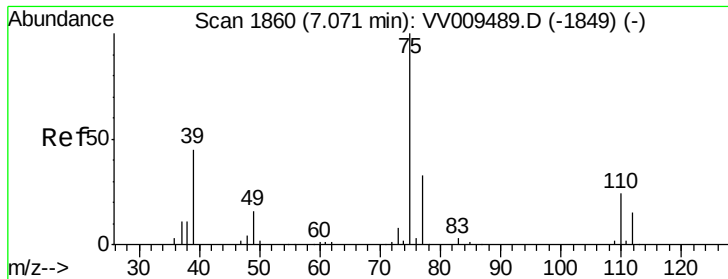
Tgt Ion: 63 Resp: 4100

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



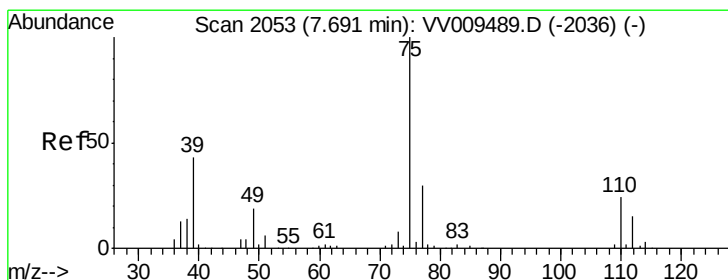
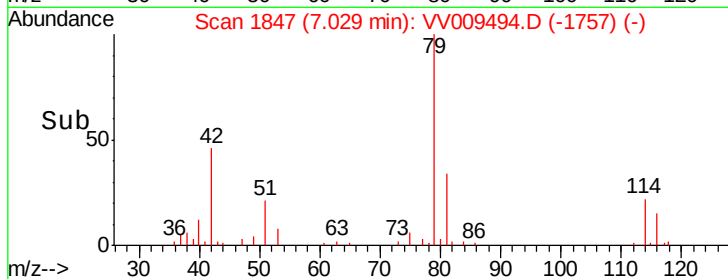
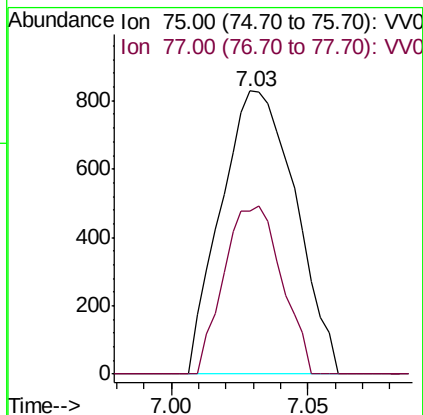
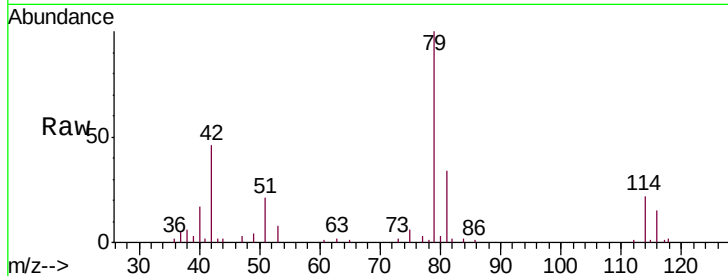


#42

cis-1,3-Dichloropropene
 Concen: 0.893 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009494.D
 Acq: 05 Mar 2019 19:14

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC61RE

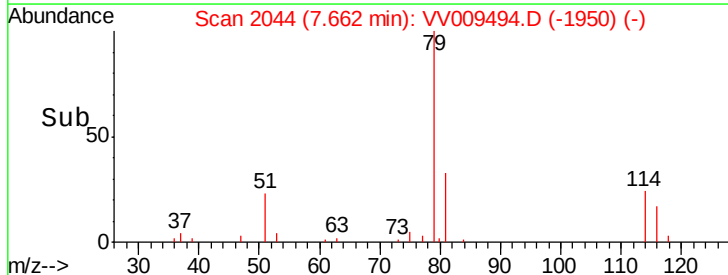
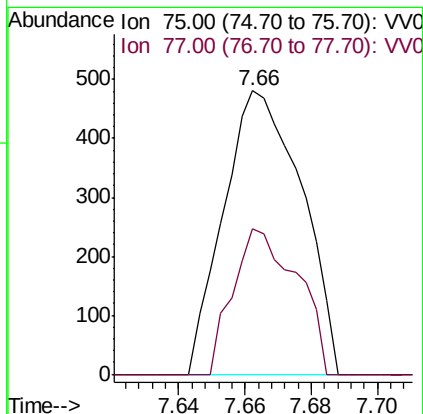
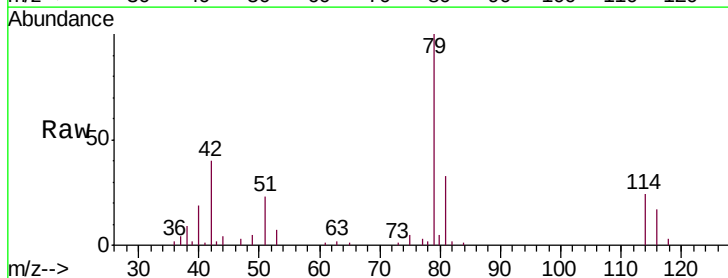
Tgt Ion: 75 Resp: 1572
 Ion Ratio Lower Upper
 75 100
 77 57.5 21.4 39.8#

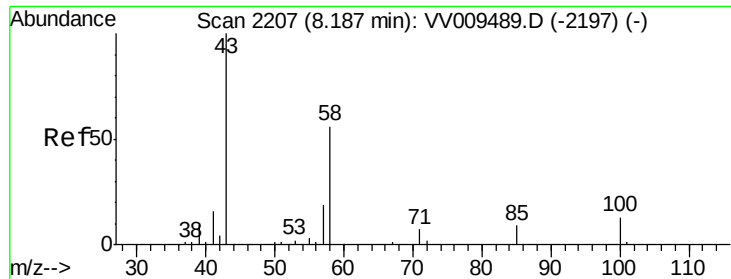


#45

trans-1,3-Dichloropropene
 Concen: 0.511 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009494.D
 Acq: 05 Mar 2019 19:14

Tgt Ion: 75 Resp: 785
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.5 41.7#

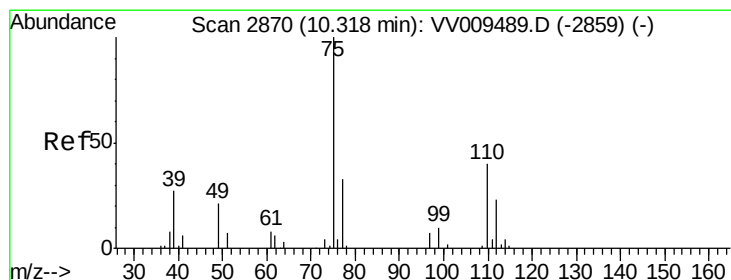
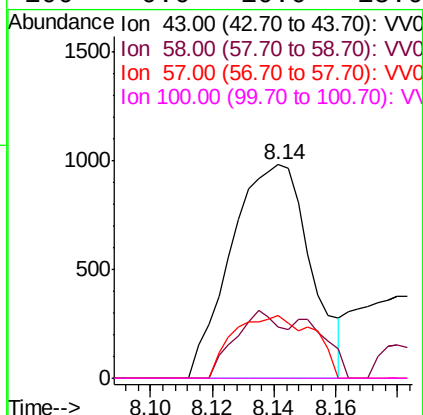
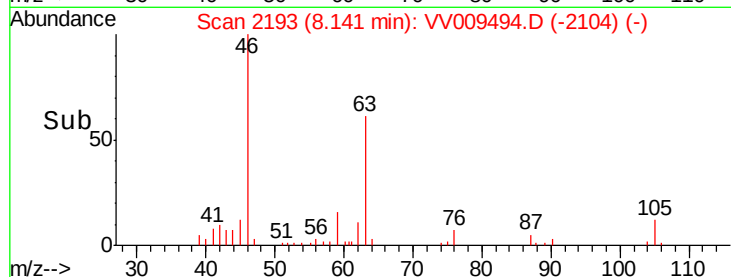
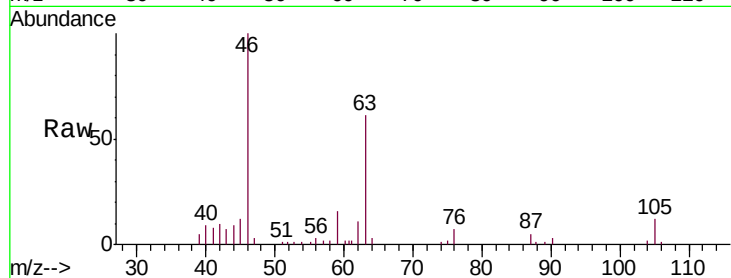




#49
2-Hexanone
Concen: 2.583 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV009494.D
Acq: 05 Mar 2019 19:14

Instrument :
MSVOA_V
ClientSampleId :
BFC61RE

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 11.7 46.3 69.5#
57 23.0 15.8 23.6
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 5.339 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009494.D
Acq: 05 Mar 2019 19:14

Tgt Ion: 75 Resp: 5120
Ion Ratio Lower Upper
75 100
77 41.2 25.9 38.9#

