

Data File : VV009570.D
Acq On : 10 Mar 2019 16:40
Operator : SY/MD
Sample : K1818-21
Misc : 5.83G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S1

Quant Time: Mar 11 04:52:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	124041	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24242	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	1.57	69	26281	12.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.68%
10) 1,1-Dichloroethene-d2	2.13	63	54838	14.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	3.93	46	25465	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
24) Chloroform-d	4.40	84	49198	16.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.60%
26) 1,2-Dichloroethane-d4	5.08	65	41651	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	5.10	84	128727	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	6.12	67	41130	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	7.36	98	124623	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	7.66	79	18124	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	8.13	63	18755	45.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44498	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	46014	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

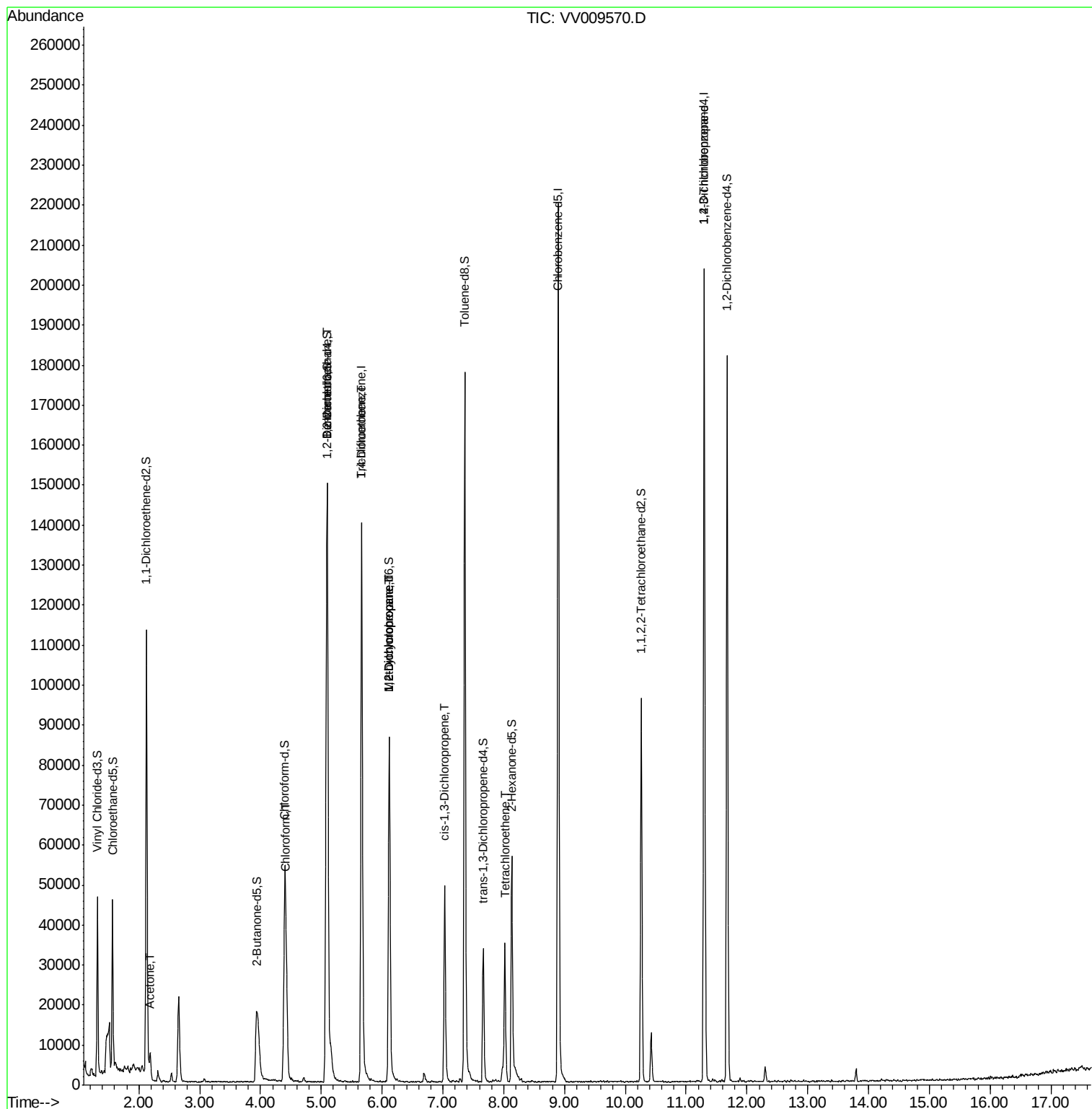
					Qvalue
13) Acetone	2.19	43	3477	6.721 ug/L	93
25) Chloroform	4.43	83	17130	5.881 ug/L	96
27) 1,2-Dichloroethane	5.10	62	764	0.378 ug/L #	77
35) Trichloroethene	5.67	95	3532	1.968 ug/L #	6
36) Methylcyclohexane	6.12	83	10155	3.473 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5177	3.215 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1542	0.617 ug/L #	44
47) Tetrachloroethene	8.02	164	7104	5.218 ug/L	90
59) 1,2,3-Trichloropropane	11.30	75	7492	5.501 ug/L #	88

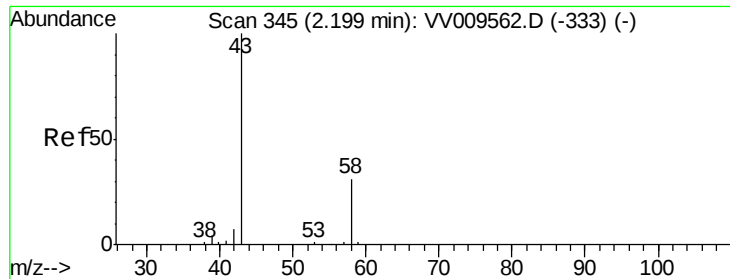
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.721 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV009570.D

Acq: 10 Mar 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

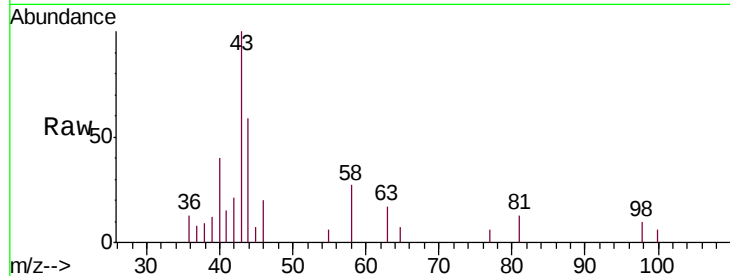
BF0S1

Tgt Ion: 43 Resp: 3477

Ion Ratio Lower Upper

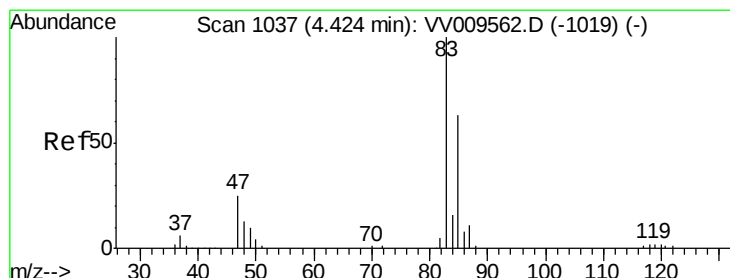
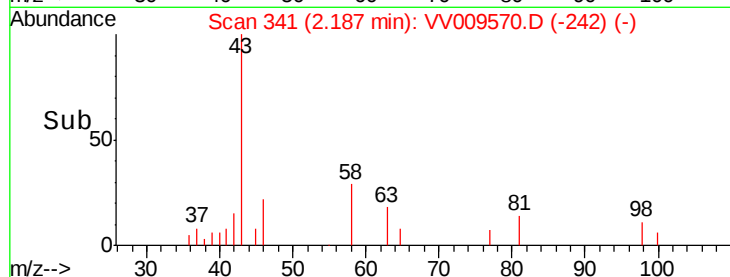
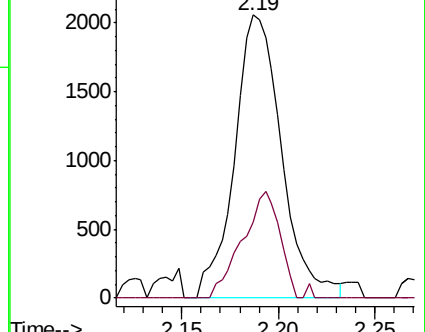
43 100

58 30.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009562.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009562.D (-333) (-)



#25

Chloroform

Concen: 5.881 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV009570.D

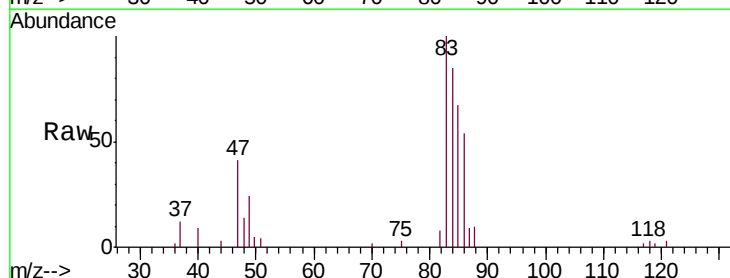
Acq: 10 Mar 2019 16:40

Tgt Ion: 83 Resp: 17130

Ion Ratio Lower Upper

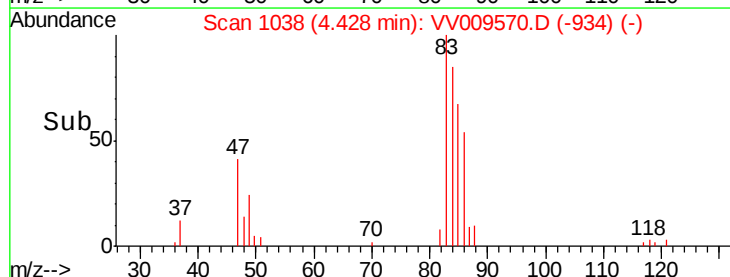
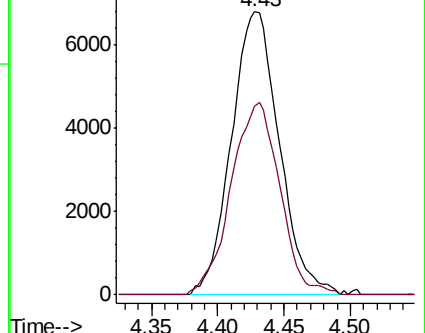
83 100

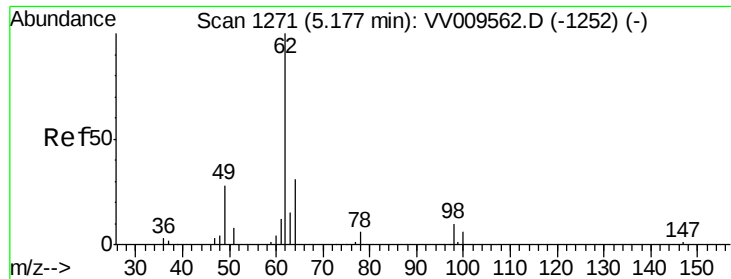
85 68.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV009562.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009562.D (-1019) (-)





#27

1,2-Dichloroethane

Concen: 0.378 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV009570.D

Acq: 10 Mar 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

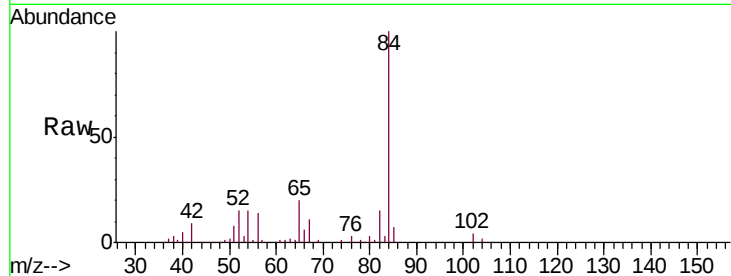
BF0S1

Tgt Ion: 62 Resp: 764

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009562.D (-1252) (-)

Ion 98.00 (97.70 to 98.70): VV009562.D (-1252) (-)

5.10

400

300

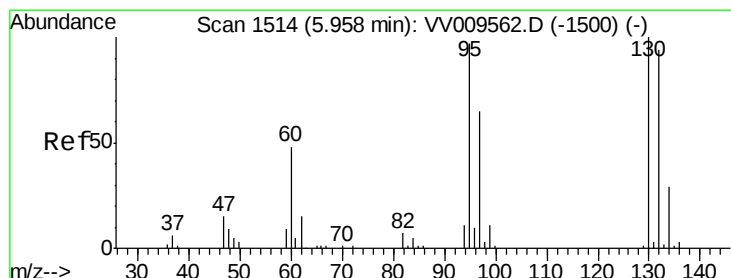
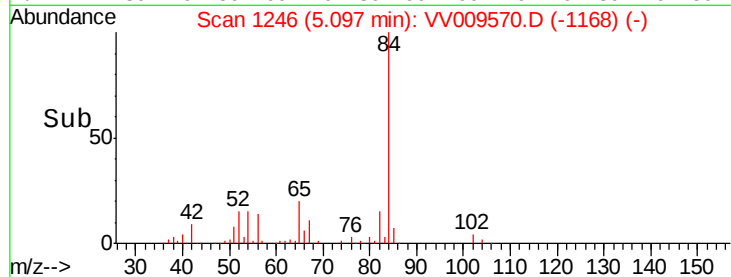
200

100

0

5.06 5.08 5.10 5.12

Time-->



#35

Trichloroethene

Concen: 1.968 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009570.D

Acq: 10 Mar 2019 16:40

Tgt Ion: 95 Resp: 3532

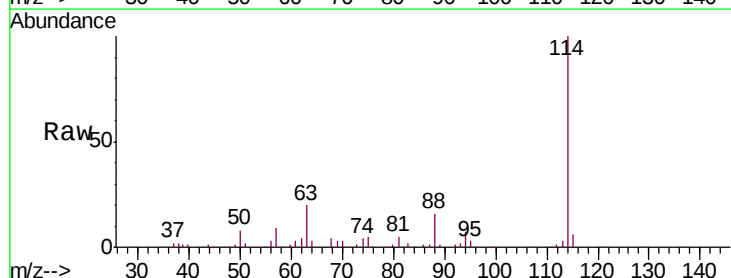
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



Abundance Ion 95.00 (94.70 to 95.70): VV009562.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009562.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009562.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009562.D (-1500) (-)

2500

2000

1500

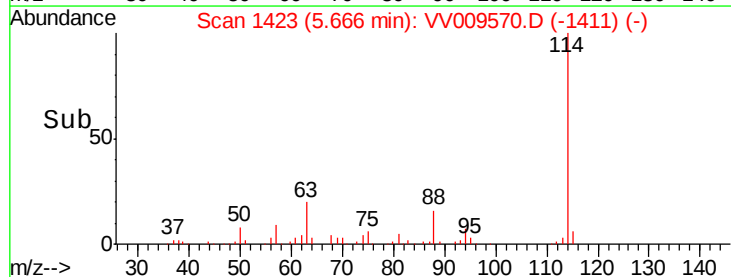
1000

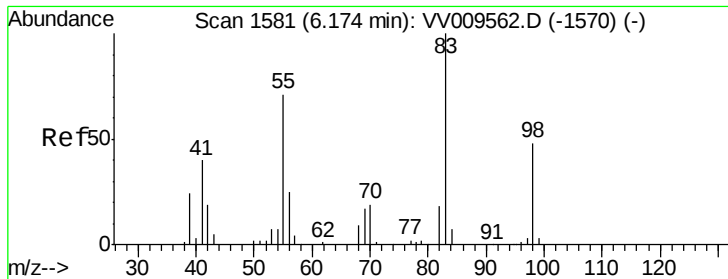
500

0

5.60 5.65 5.70

Time-->

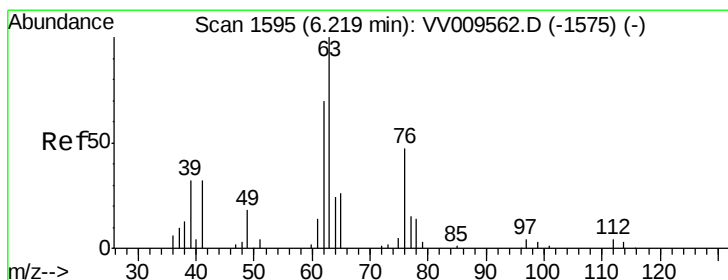
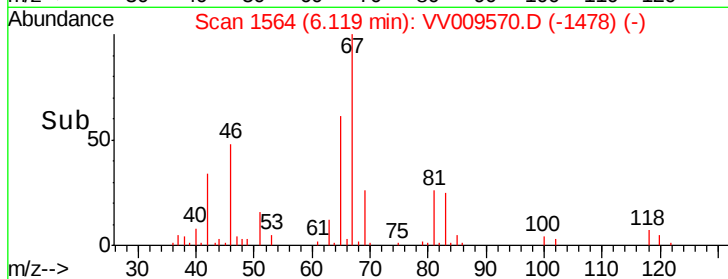
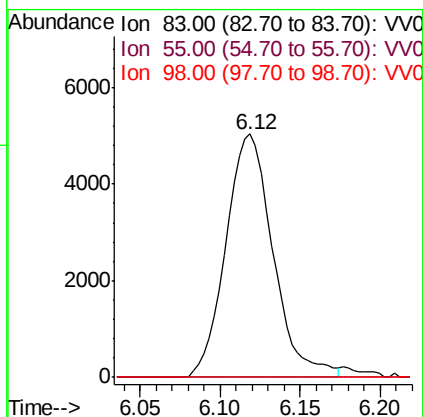
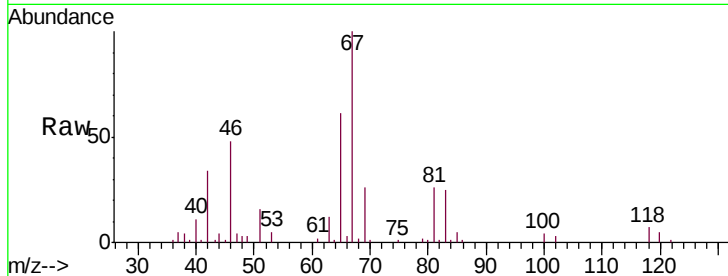




#36
Methylcyclohexane
Concen: 3.473 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009570.D
Acq: 10 Mar 2019 16:40

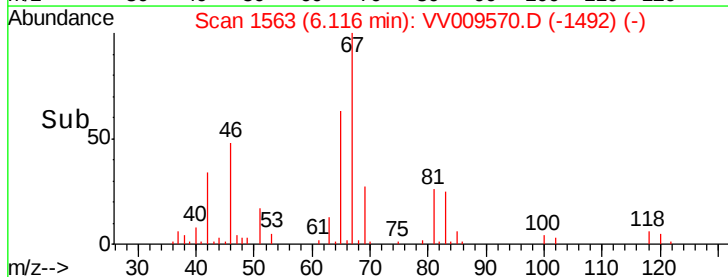
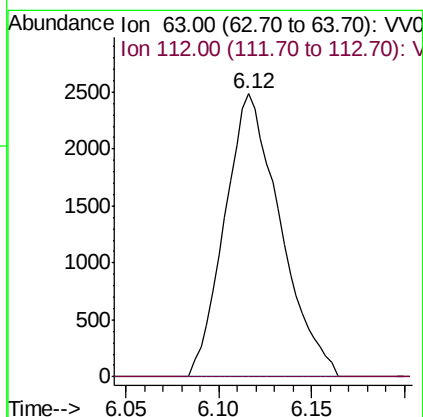
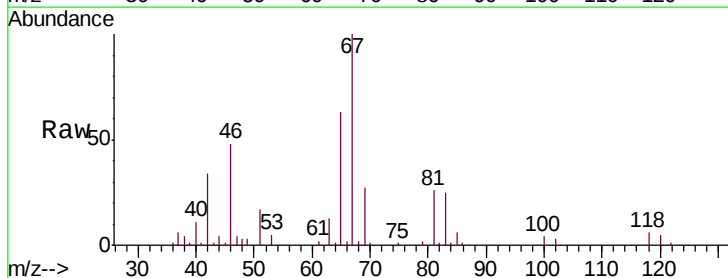
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MSVOA_V
ClientSampleId :
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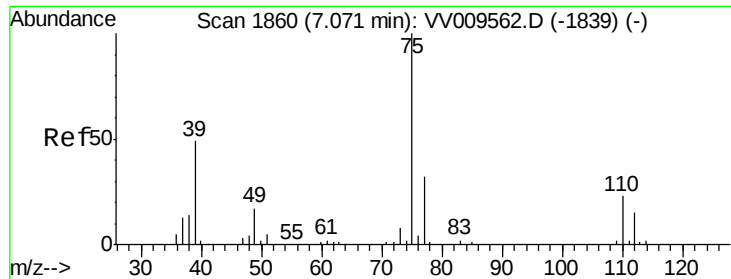
Tgt Ion: 83 Resp: 10155
Ion Ratio Lower Upper
83 100
55 0.0 58.8 88.2#
98 0.0 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.215 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009570.D
Acq: 10 Mar 2019 16:40

Tgt Ion: 63 Resp: 5177
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



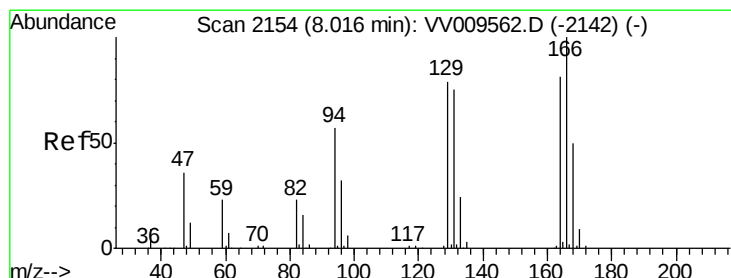
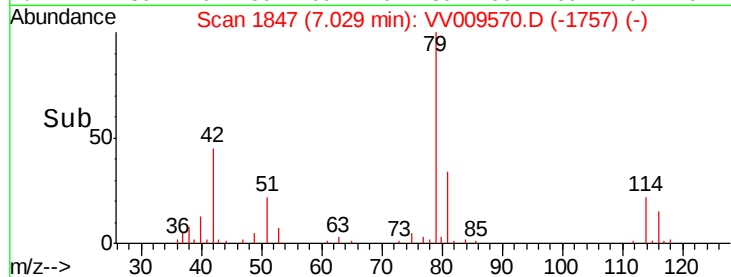
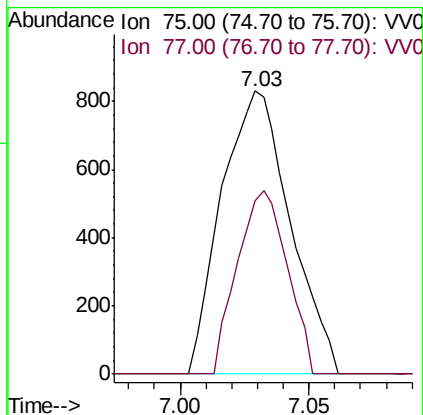
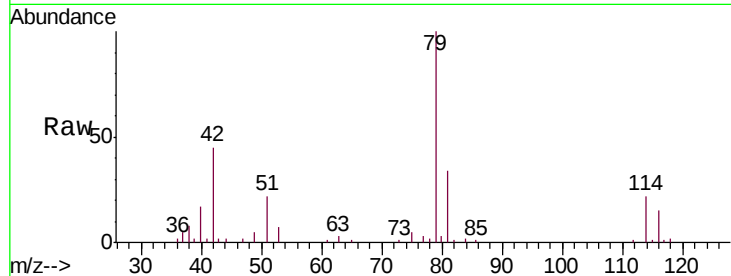


#42

cis-1,3-Dichloropropene
Concen: 0.617 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009570.D
Acq: 10 Mar 2019 16:40

Instrument :
MSVOA_V
ClientSampleId :
BF0S1

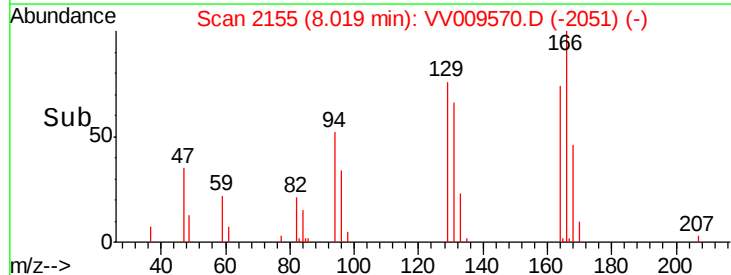
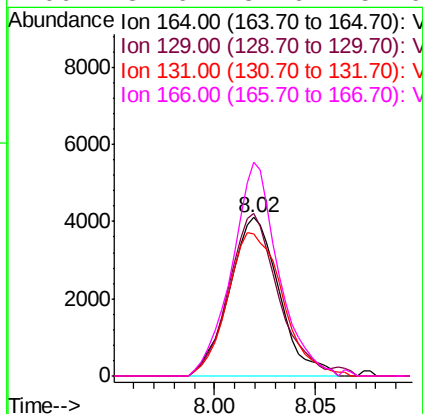
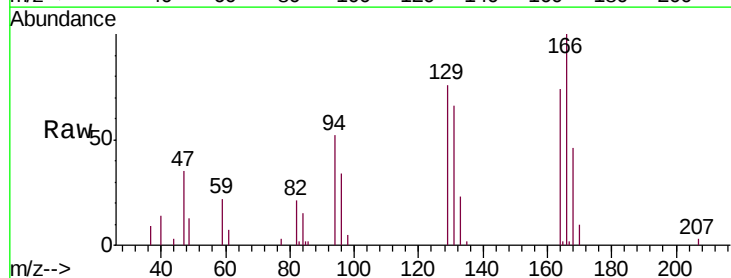
Tgt Ion: 75 Resp: 1542
Ion Ratio Lower Upper
75 100
77 61.2 21.4 39.8#

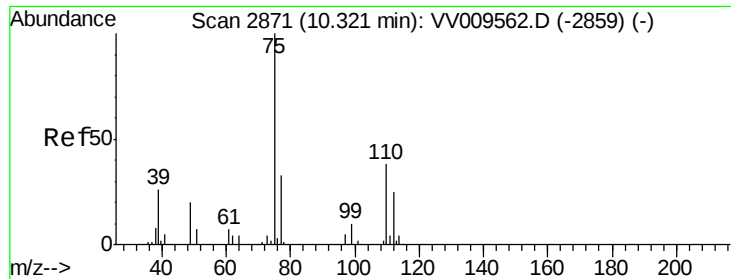


#47

Tetrachloroethene
Concen: 5.218 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009570.D
Acq: 10 Mar 2019 16:40

Tgt Ion: 164 Resp: 7104
Ion Ratio Lower Upper
164 100
129 102.1 67.7 125.7
131 89.4 67.5 125.3
166 134.6 81.6 151.6





#59
 1,2,3-Trichloropropane
 Concen: 5.501 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009570.D
 Acq: 10 Mar 2019 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S1

Tgt Ion: 75 Resp: 7492
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.9 38.9#

