

Data File : VV009207.D
Acq On : 09 Jan 2019 11:21
Operator : SY/MD
Sample : VV0109SBL01
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD02563

Quant Time: Jan 10 05:45:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 10 05:42:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266857	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68285	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.76%
7) Chloroethane-d5	1.58	69	49317	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
10) 1,1-Dichloroethene-d2	2.13	63	137016	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.12%
20) 2-Butanone-d5	3.96	46	41281	38.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.98%
24) Chloroform-d	4.40	84	155527	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	87144	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.20%
29) Benzene-d6	5.10	84	328014	27.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.76%
33) 1,2-Dichloropropane-d6	6.12	67	91472	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.92%
37) Toluene-d8	7.36	98	301886	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.80%
38) trans-1,3-Dichloropropene-	7.67	79	40905	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	8.15	63	27829	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82400	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	114153	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

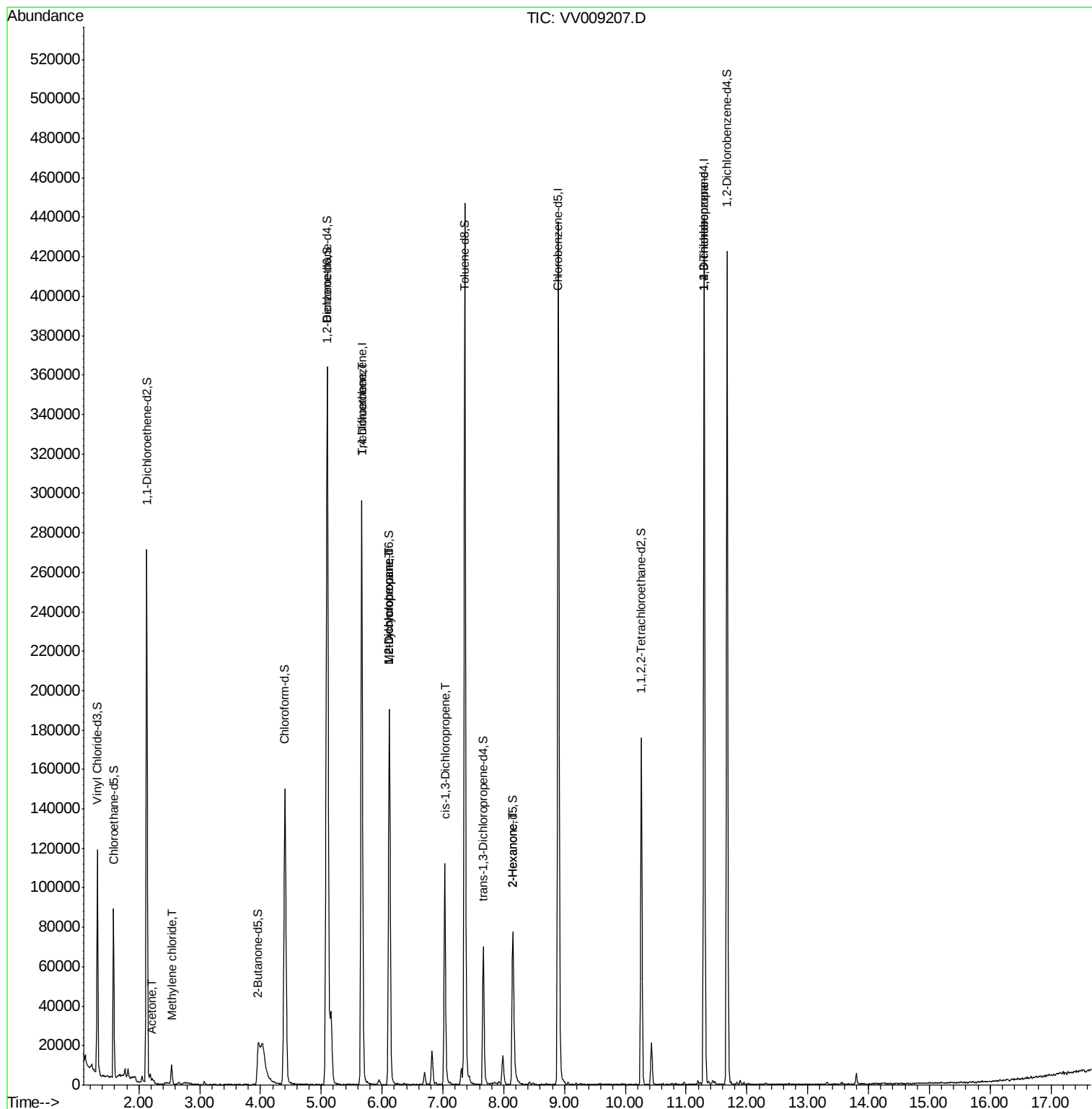
					Qvalue
13) Acetone	2.22	43	2367	1.498 ug/L	61
16) Methylene chloride	2.54	84	3809	0.987 ug/L	90
35) Trichloroethene	5.66	95	7631	2.110 ug/L #	4
36) Methylcyclohexane	6.12	83	23486	3.847 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	10161	3.294 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2702	0.557 ug/L #	60
49) 2-Hexanone	8.15	43	4197	2.185 ug/L #	90
59) 1,2,3-Trichloropropane	11.30	75	12566	4.747 ug/L	91

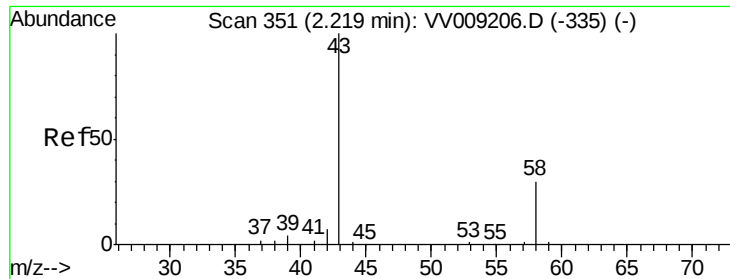
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 1.498 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

LabSampleId :

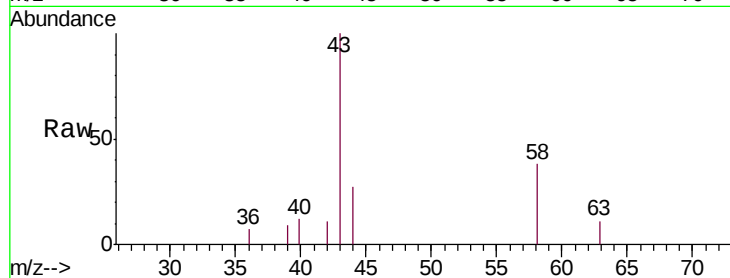
VSTD02563

Tgt Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

58 49.7 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009207.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV009207.D (-248) (-)

2.22

1500

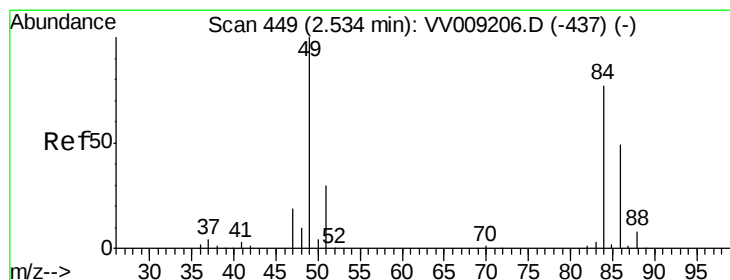
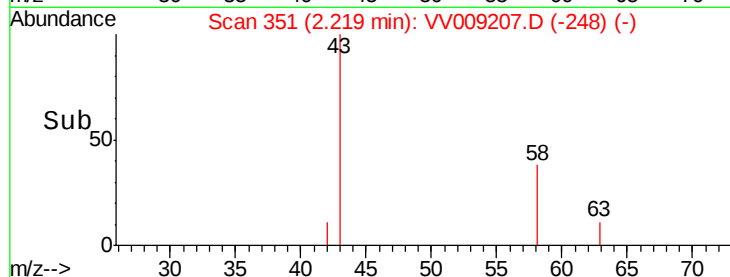
1000

500

0

2.16 2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 0.987 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009207.D

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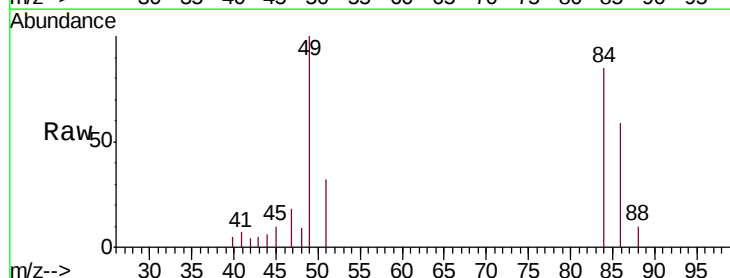
Tgt Ion: 84 Resp: 3809

Ion Ratio Lower Upper

84 100

49 118.1 92.0 170.9

86 69.5 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV009207.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009207.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009207.D (-346) (-)

2.54

4000

3000

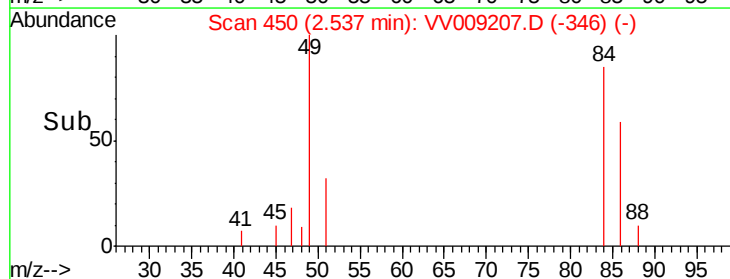
2000

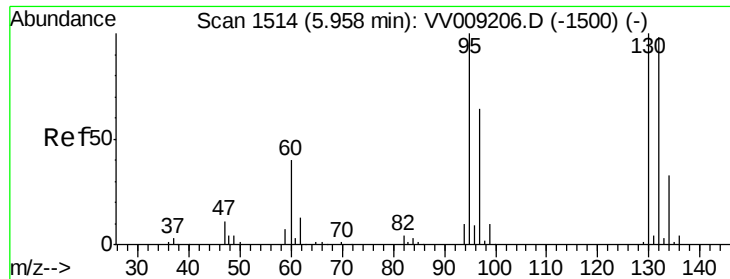
1000

0

2.50 2.52 2.54 2.56

Time-->





#35

Trichloroethene

Concen: 2.110 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Instrument :

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LabSampleId :

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Tgt Ion: 95 Resp: 7631

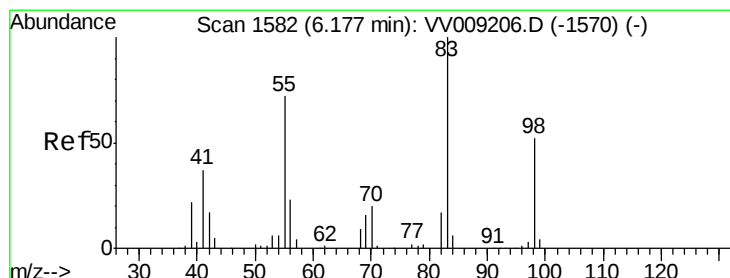
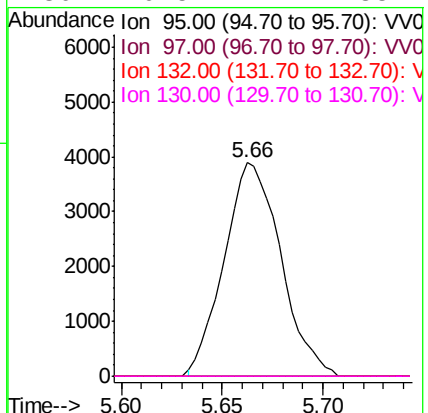
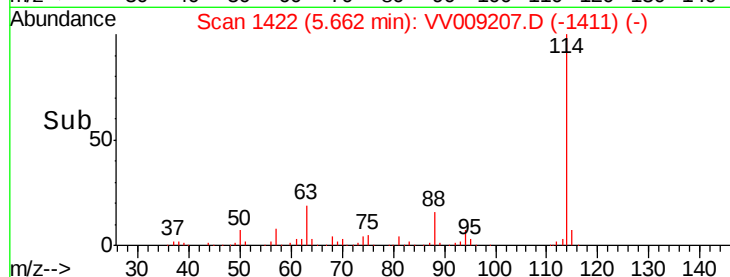
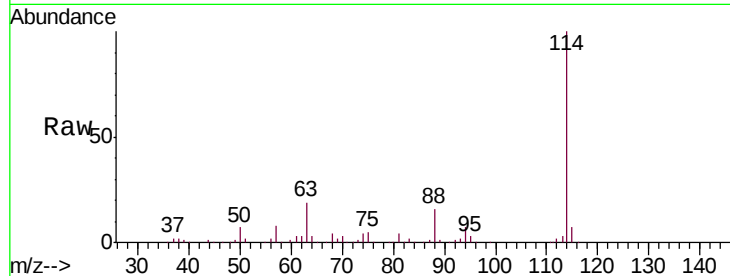
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.8 71.2 132.2#

130 0.5 74.4 138.2#



#36

Methylcyclohexane

Concen: 3.847 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

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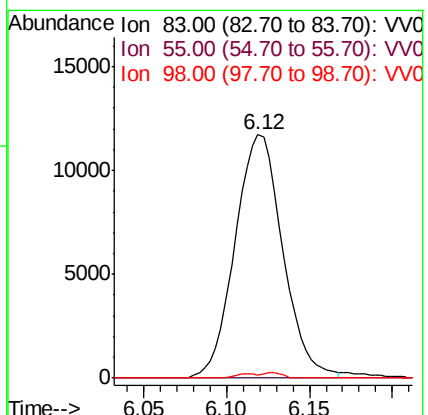
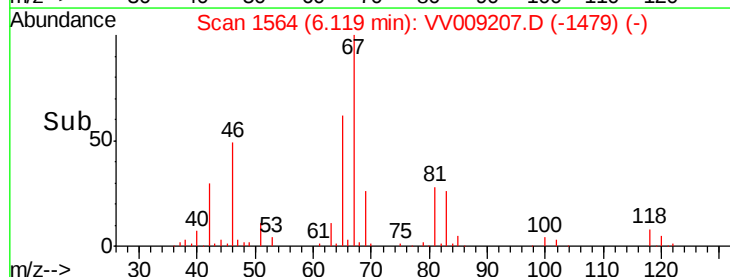
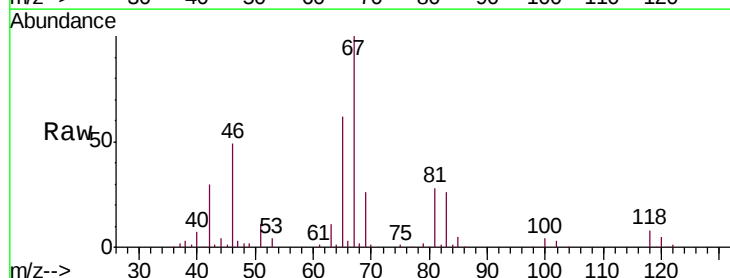
Tgt Ion: 83 Resp: 23486

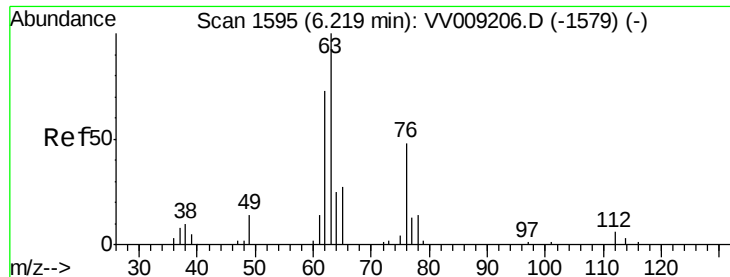
Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.9 41.0 61.6#

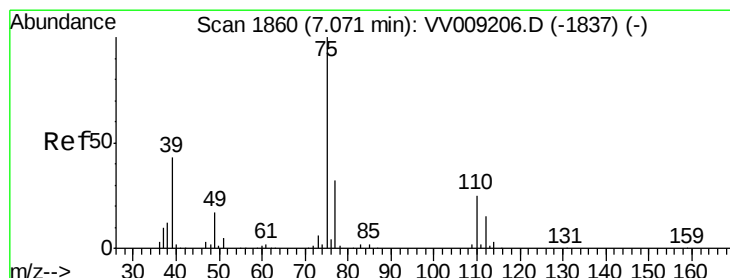
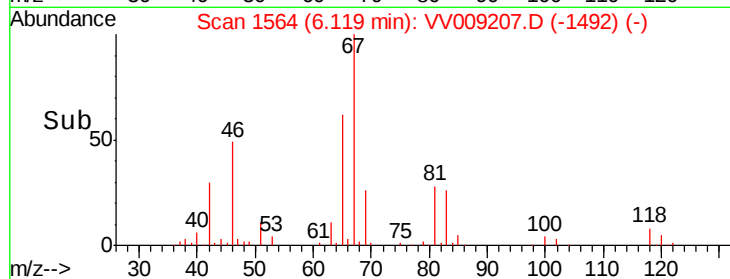
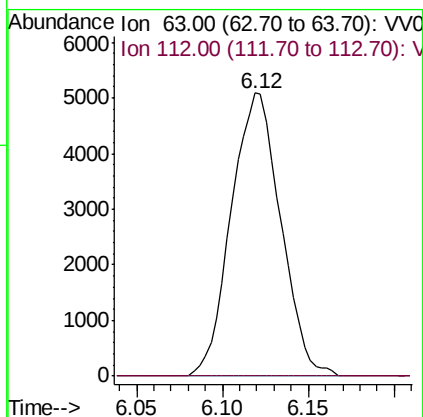
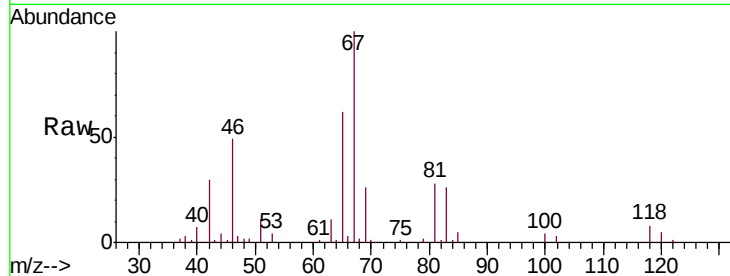




#40
 1,2-Dichloropropane
 Concen: 3.294 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009207.D
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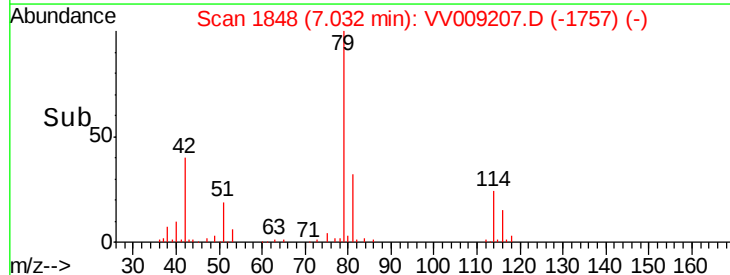
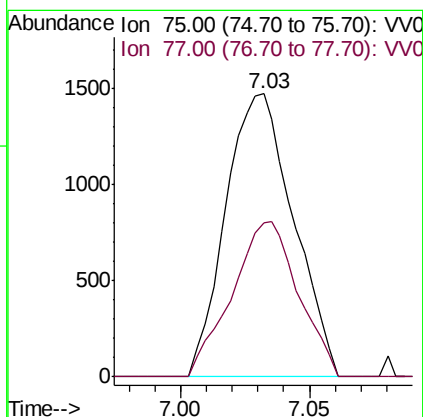
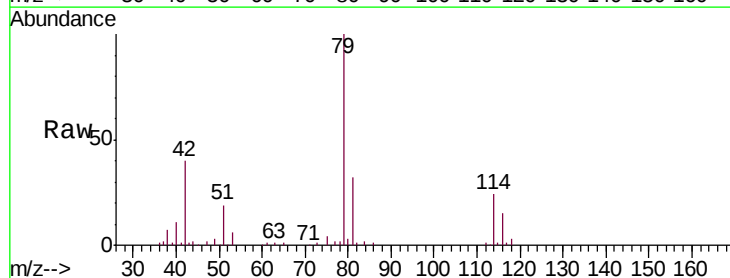
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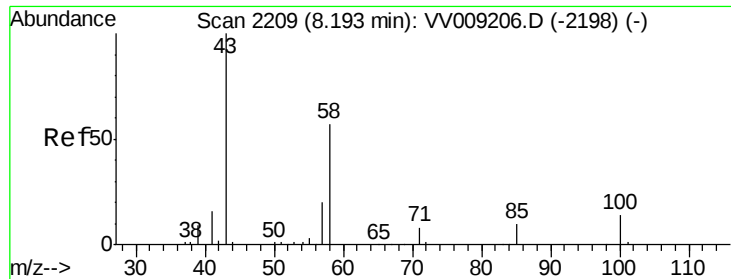
Tgt Ion: 63 Resp: 10161
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.557 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009207.D
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Tgt Ion: 75 Resp: 2702
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.7 42.3#

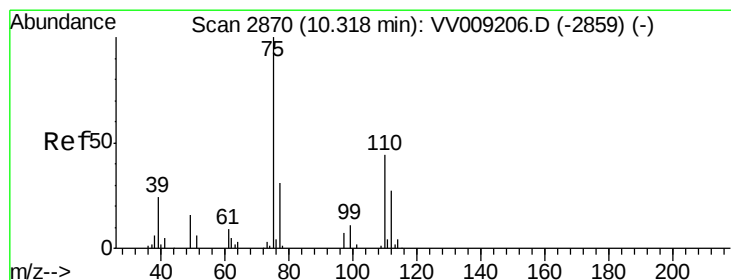
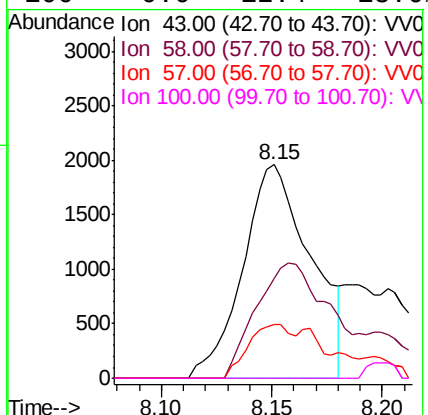
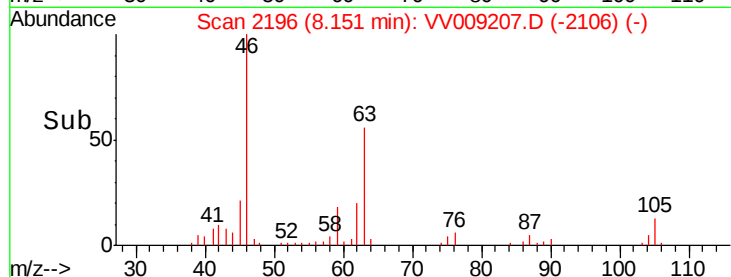
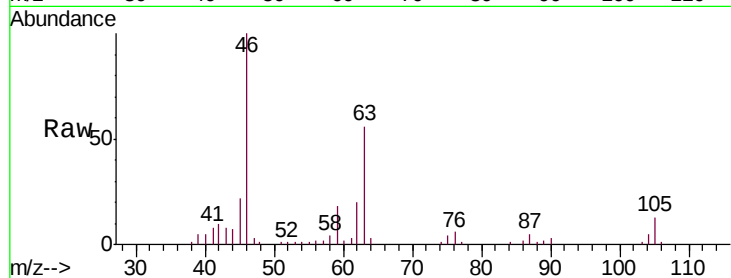




#49
2-Hexanone
Concen: 2.185 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. -0.04 min
Lab File: VV009207.D
Acq: 09 Jan 2019 11:21

Instrument :
MSVOA_V
LabSampleId :
VSTD02563

Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
58 56.8 48.4 72.6
57 16.6 15.6 23.4
100 0.0 12.4 18.6#



#59
1,2,3-Trichloropropane
Concen: 4.747 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009207.D
Acq: 09 Jan 2019 11:21

Tgt Ion: 75 Resp: 12566
Ion Ratio Lower Upper
75 100
77 37.7 26.3 39.5

