

Data File : VV009406.D
Acq On : 27 Feb 2019 18:43
Operator : SY/MD
Sample : K1626-08
Misc : 2.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF667RE

Quant Time: Feb 28 04:37:22 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	5.66	114	153519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33493	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36977	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	59928	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	2.13	63	77886	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	3.95	46	22204	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	4.40	84	84808	22.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.08	65	49138	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	5.10	84	167913	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	6.12	67	51265	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.60%
37) Toluene-d8	7.36	98	148870	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.66	79	15000	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.68%
39) 2-Hexanone-d5	8.14	63	17885	47.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35692	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	28040	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

Target Compounds

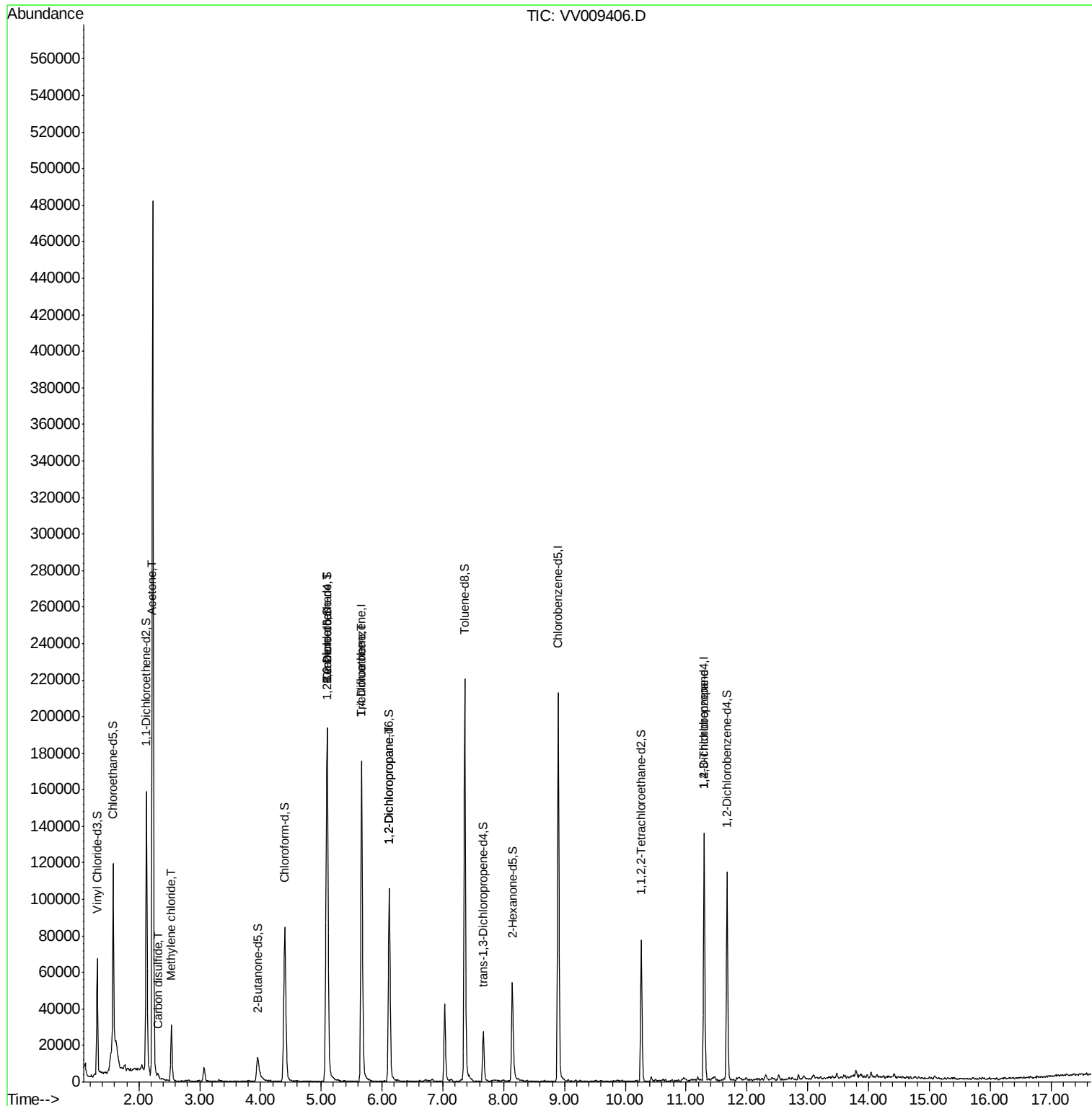
					Qvalue
13) Acetone	2.21	43	2274	3.418 ug/L #	1
14) Carbon disulfide	2.32	76	2044	0.357 ug/L #	92
16) Methylene chloride	2.53	84	12092	5.815 ug/L	96
27) 1,2-Dichloroethane	5.10	62	930	0.363 ug/L #	77
35) Trichloroethene	5.66	95	3929	2.236 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	6104	3.870 ug/L #	89
59) 1,2,3-Trichloropropane	11.30	75	4739	3.756 ug/L #	81

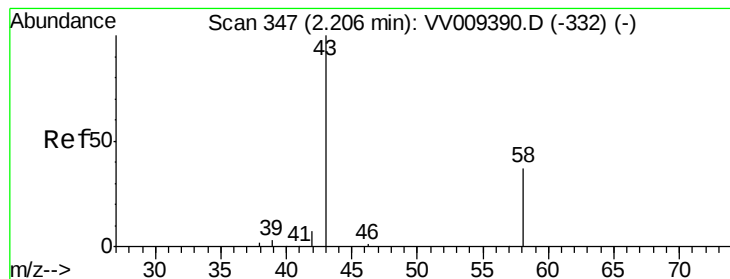
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.418 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

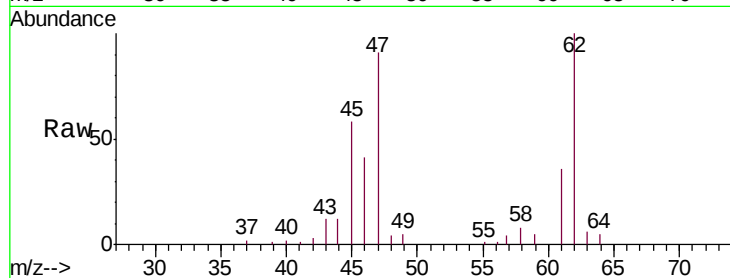
BF667RE

Tgt Ion: 43 Resp: 2274

Ion Ratio Lower Upper

43 100

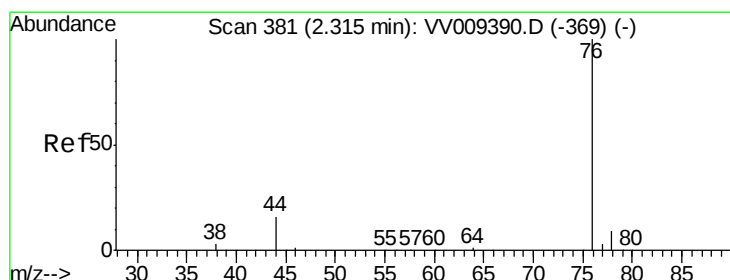
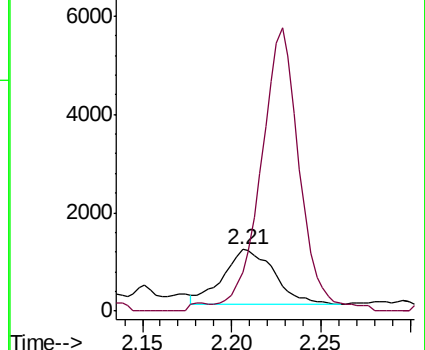
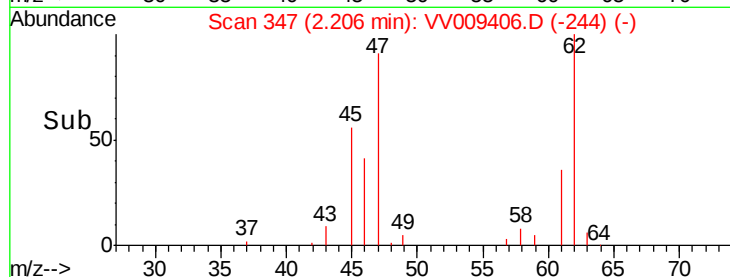
58 367.2 0.0 68.8#



Abundance Ion 43.00 (42.70 to 43.70): VV009406.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009406.D (-244) (-)

Time-->



#14

Carbon disulfide

Concen: 0.357 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV009406.D

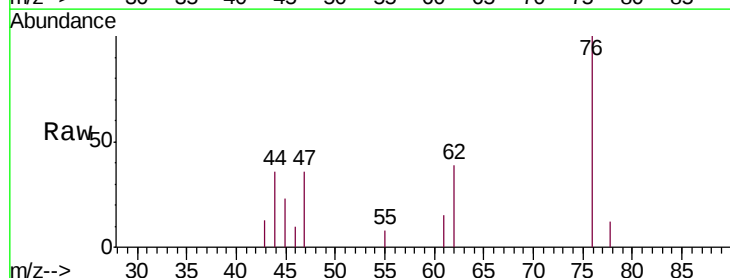
Acq: 27 Feb 2019 18:43

Tgt Ion: 76 Resp: 2044

Ion Ratio Lower Upper

76 100

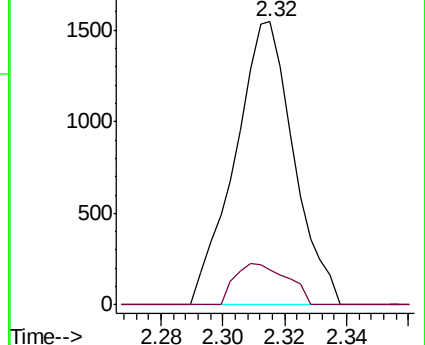
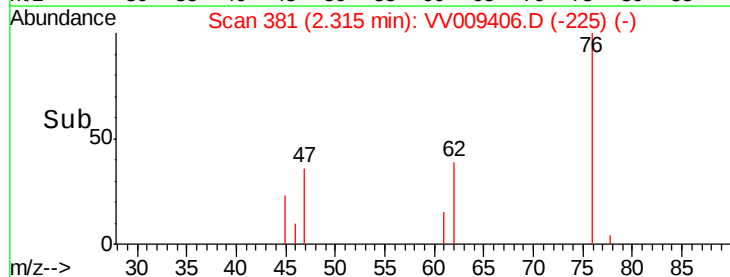
78 12.4 7.5 11.3#

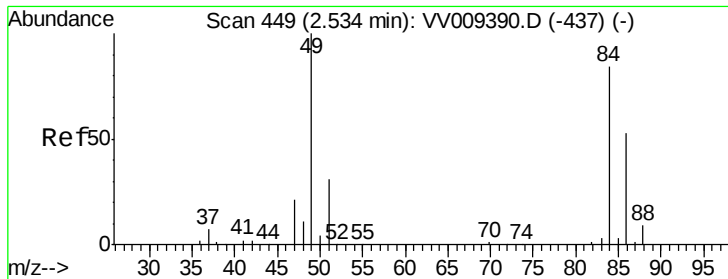


Abundance Ion 76.00 (75.70 to 76.70): VV009406.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VV009406.D (-225) (-)

Time-->

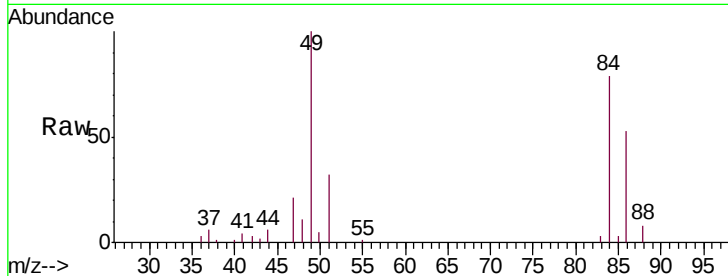




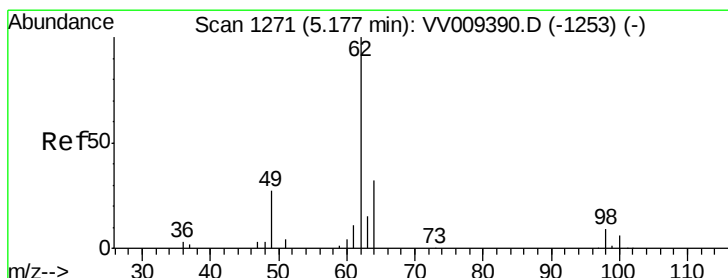
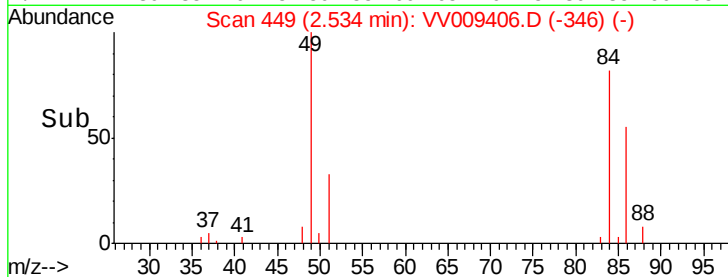
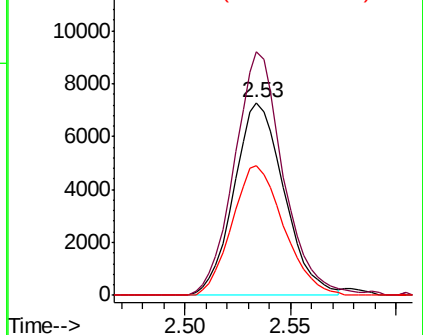
#16
Methylene chloride
Concen: 5.815 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009406.D
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Instrument :
MSVOA_V
ClientSampleId :
BF667RE

Tgt Ion: 84 Resp: 12092
Ion Ratio Lower Upper
84 100
49 126.2 84.6 157.0
86 67.2 46.1 85.7

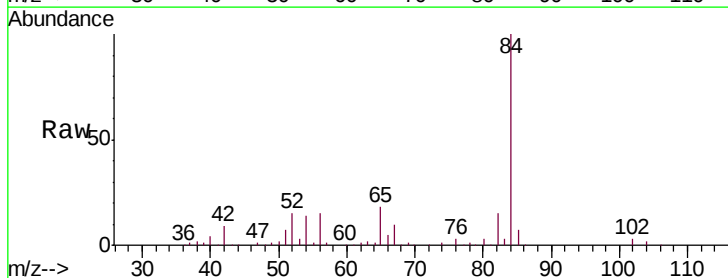


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

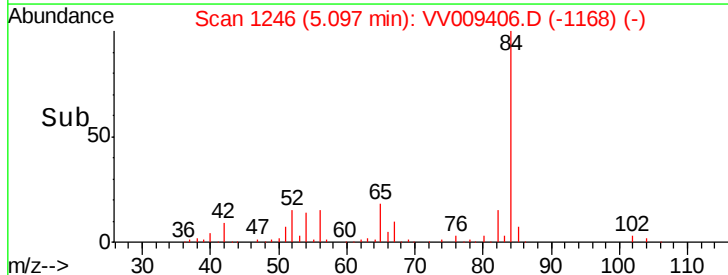
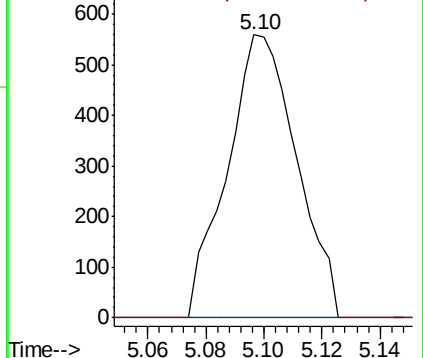


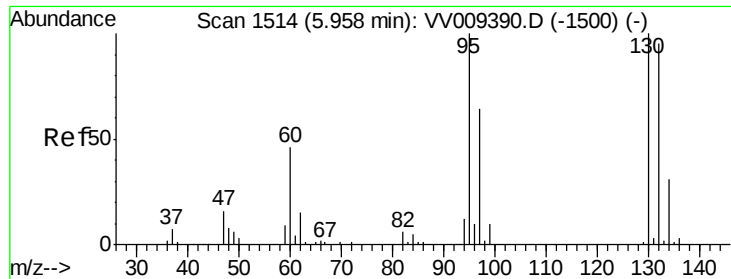
#27
1,2-Dichloroethane
Concen: 0.363 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009406.D
Acq: 27 Feb 2019 18:43

Tgt Ion: 62 Resp: 930
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#35

Trichloroethene

Concen: 2.236 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV009406.D

Acq: 27 Feb 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

BF667RE

Tgt Ion: 95 Resp: 3929

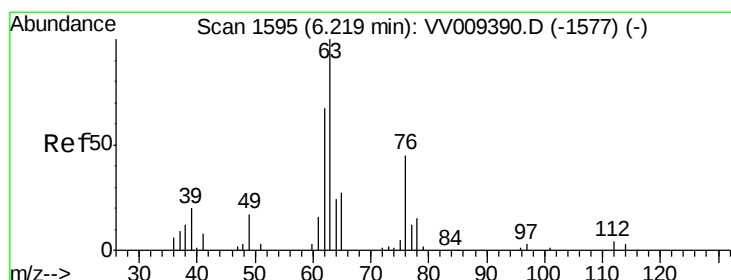
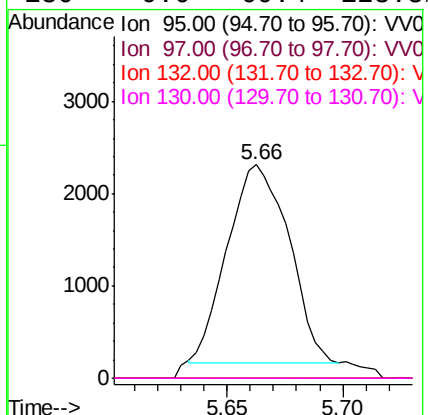
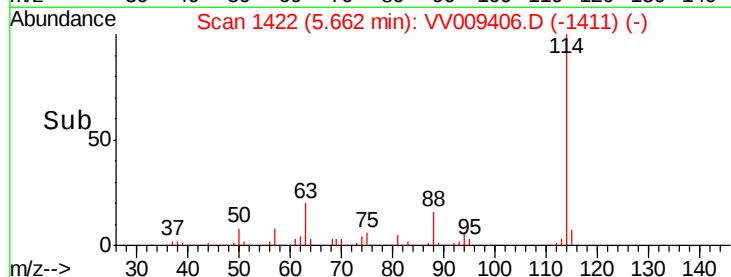
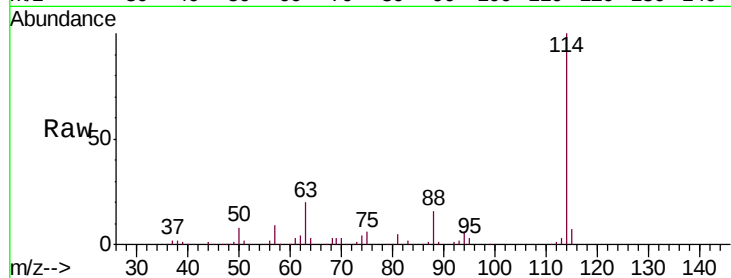
Ion Ratio Lower Upper

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: 3.870 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009406.D

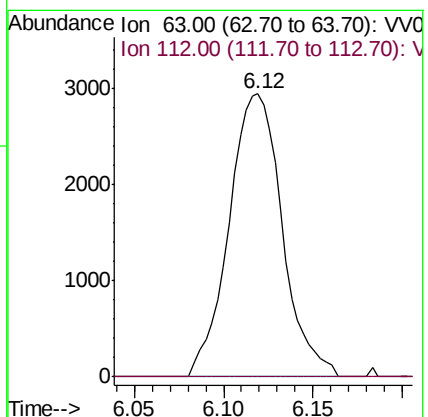
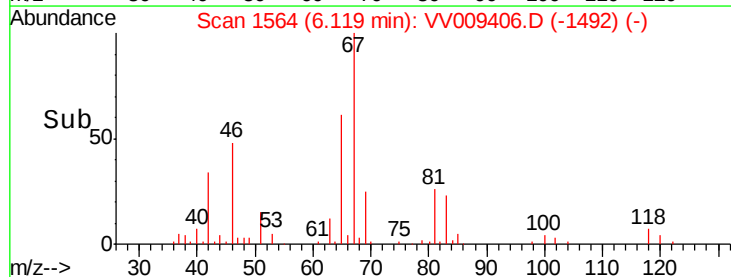
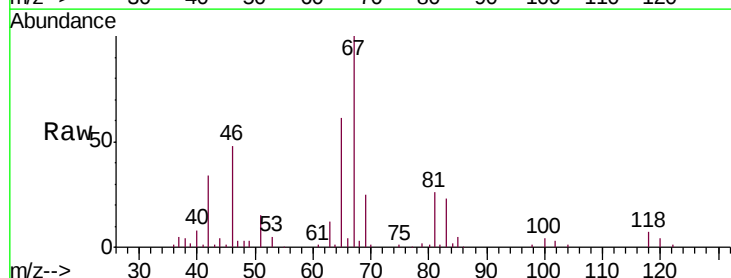
Acq: 27 Feb 2019 18:43

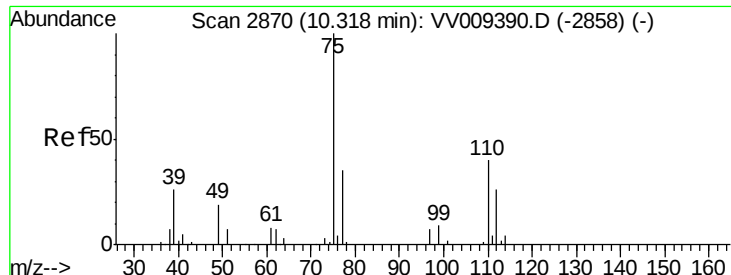
Tgt Ion: 63 Resp: 6104

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#59

1,2,3-Trichloropropane

Concen: 3.756 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009406.D

Acq: 27 Feb 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

BF667RE

Tgt Ion: 75 Resp: 4739

Ion Ratio Lower Upper

75 100

77 43.0 25.9 38.9#

