

Data File : VV009342.D
Acq On : 22 Feb 2019 21:10
Operator : SY/MD
Sample : K1579-15
Misc : 7.79G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB610

Quant Time: Feb 23 00:41:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	26452	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	23177	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	6993	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9577	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.84%
7) Chloroethane-d5	1.58	69	10082	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
10) 1,1-Dichloroethene-d2	2.13	63	18950	21.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.60%
20) 2-Butanone-d5	3.95	46	2983	24.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.44%
24) Chloroform-d	4.40	84	15296	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	8763	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.24%
29) Benzene-d6	5.10	84	32700	28.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.52%
33) 1,2-Dichloropropane-d6	6.12	67	10016	29.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.12%
37) Toluene-d8	7.36	98	27941	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.00%
38) trans-1,3-Dichloropropene-	7.67	79	3459	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.76%
39) 2-Hexanone-d5	8.14	63	2136	22.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	10105	27.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	7234	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

					Qvalue	
13) Acetone	2.13	43	88	0.731	ug/L	72
21) 2-Butanone	4.04	43	197	1.428	ug/L #	44
40) 1,2-Dichloropropane	6.12	63	1089	3.541	ug/L #	85
49) 2-Hexanone	8.18	43	1003	5.051	ug/L #	39
56) Styrene	9.61	104	694	0.695	ug/L #	74
57) Isopropylbenzene	9.95	105	3257	2.023	ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	554	2.000	ug/L #	35

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
DB610

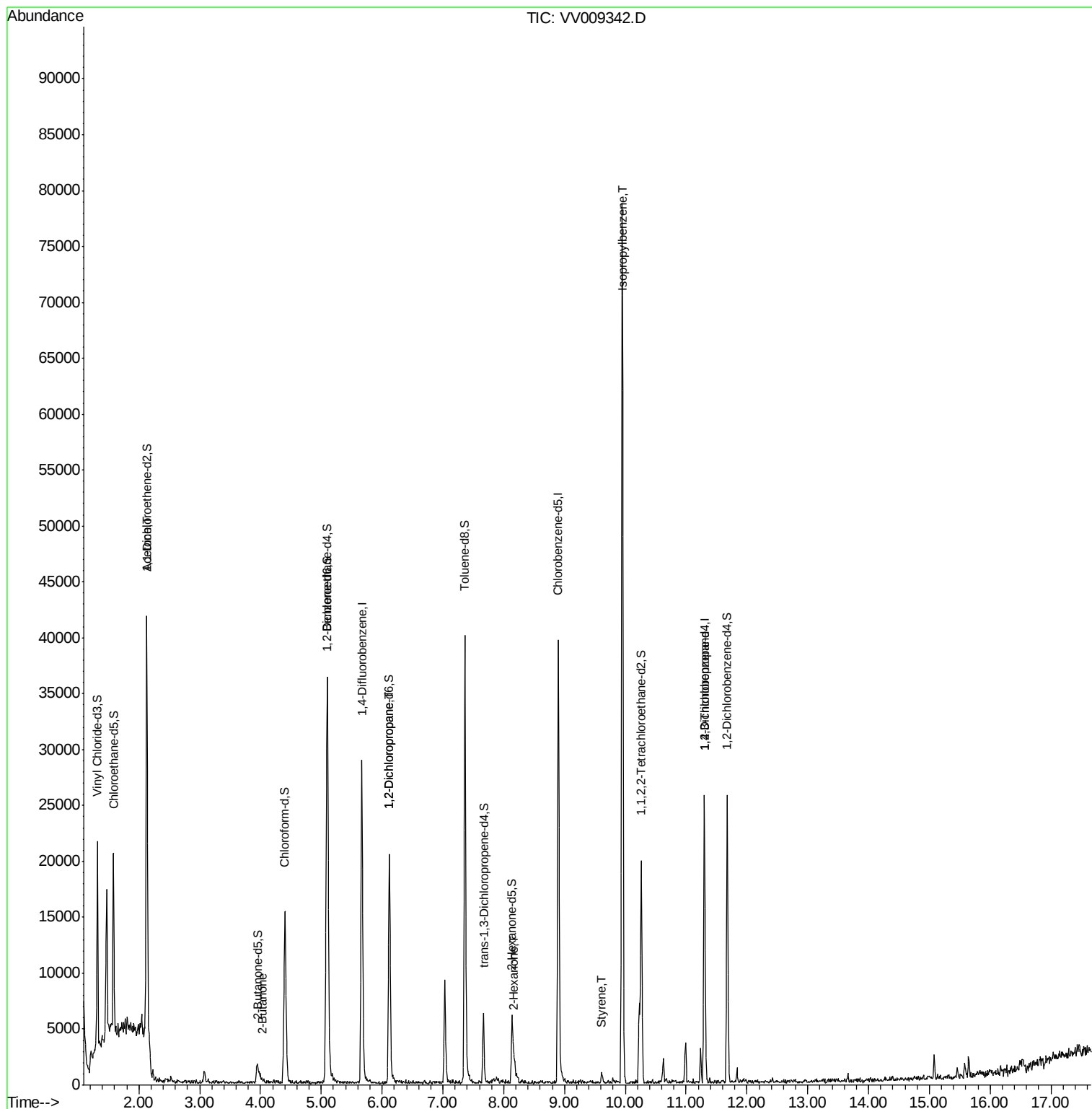
Quant Time: Feb 23 00:41:38 2019

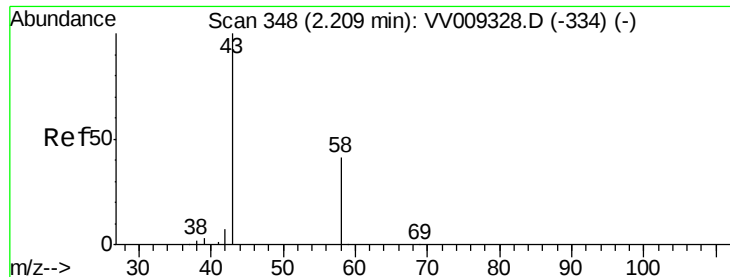
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM022019S.M

Quant Title : VOC Analysis

QLast Update : Sat Feb 23 00:37:16 2019

Response via : Initial Calibration





#13

Acetone

Concen: 0.731 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.08 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

Instrument :

MSVOA_V

ClientSampled :

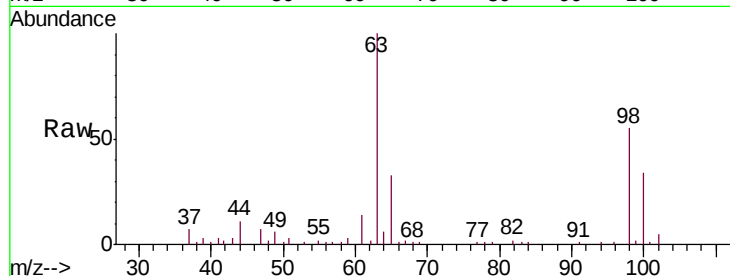
DB610

Tgt Ion: 43 Resp: 88

Ion Ratio Lower Upper

43 100

58 52.3 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009342.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009342.D (-245) (-)

2.13

400

300

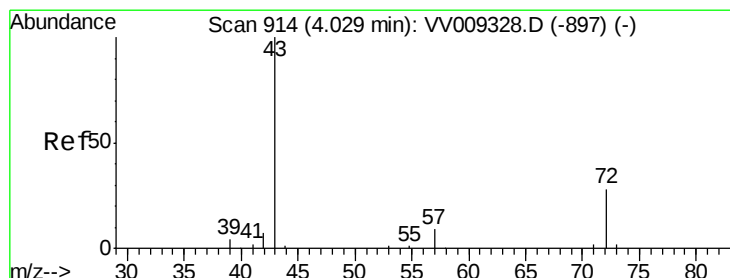
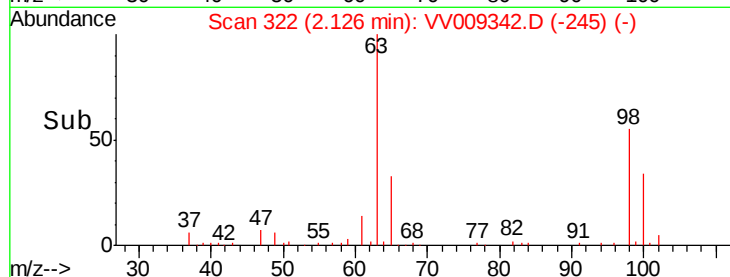
200

100

0

2.11 2.12 2.13 2.14 2.15

Time-->



#21

2-Butanone

Concen: 1.428 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.01 min

Lab File: VV009342.D

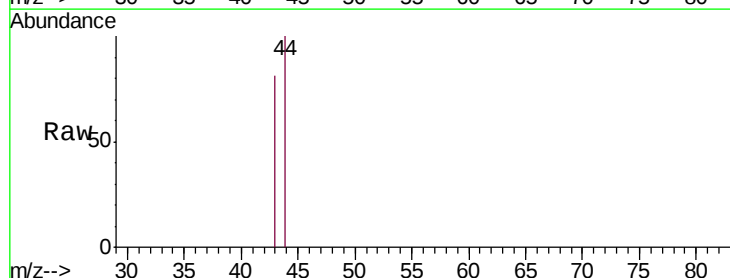
Acq: 22 Feb 2019 21:10

Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

72 0.0 15.4 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VV009342.D (-811) (-)

Ion 72.00 (71.70 to 72.70): VV009342.D (-811) (-)

4.04

250

200

150

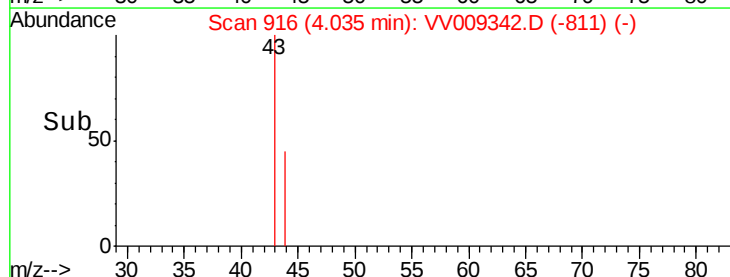
100

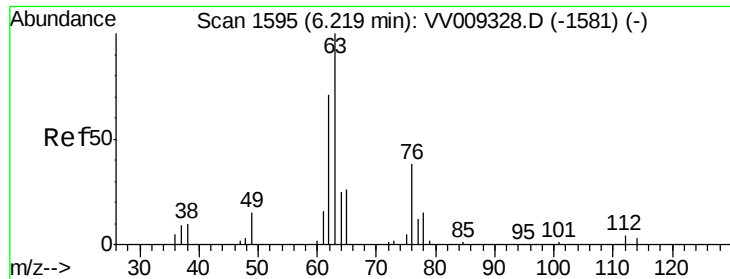
50

0

4.02 4.03 4.04 4.05

Time-->





#40

1,2-Dichloropropane

Concen: 3.541 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

Instrument :

MSVOA_V

ClientSampled :

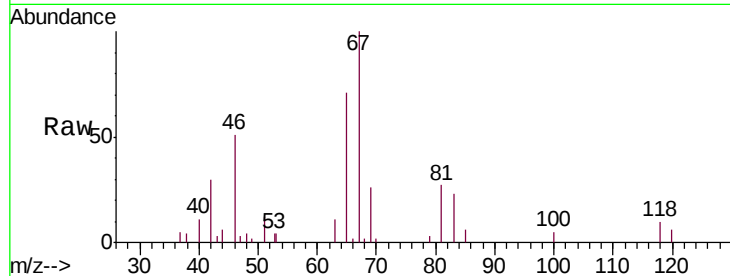
DB610

Tgt Ion: 63 Resp: 1089

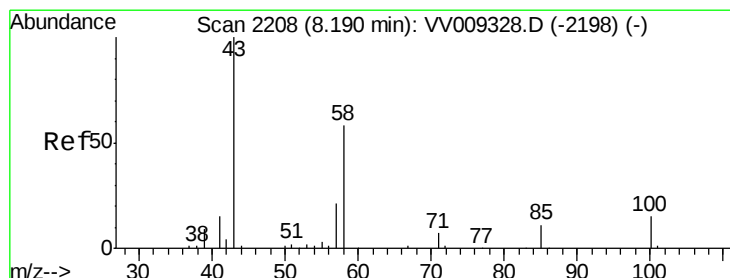
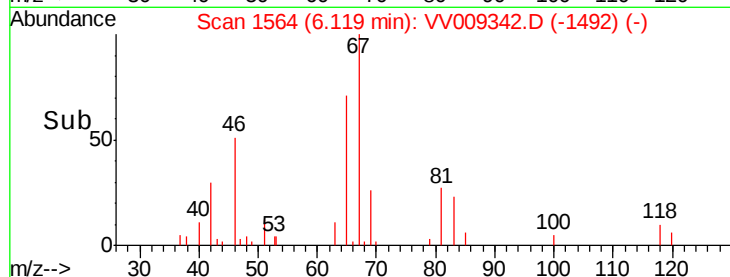
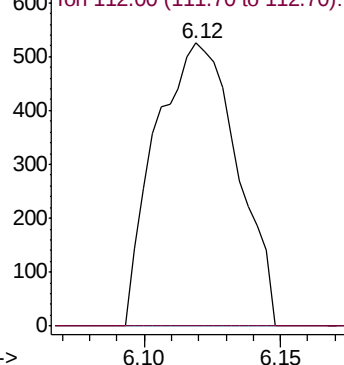
Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV009328.D (-1581) (-)



#49

2-Hexanone

Concen: 5.051 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

Tgt Ion: 43 Resp: 1003

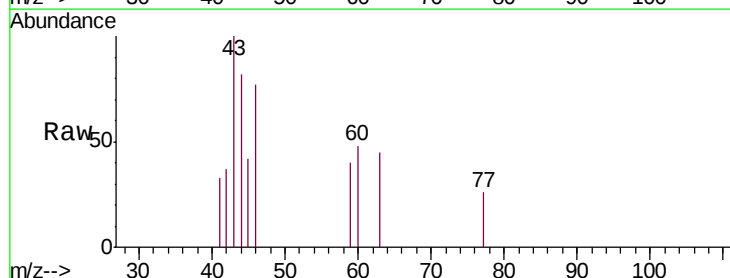
Ion Ratio Lower Upper

43 100

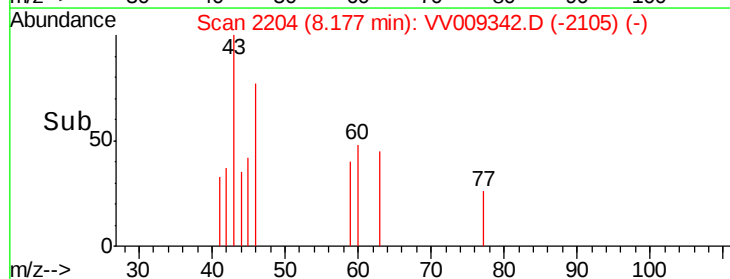
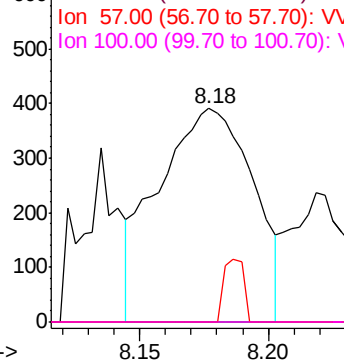
58 0.0 46.8 70.2#

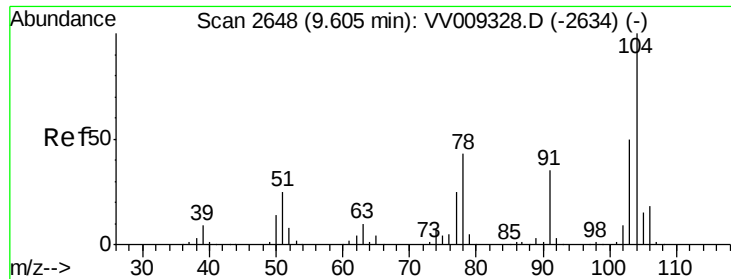
57 6.3 14.2 21.2#

100 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VV009328.D (-2198) (-)





#56

Styrene

Concen: 0.695 ug/L

RT: 9.61 min Scan# 2650

Delta R.T. 0.01 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

Instrument :

MSVOA_V

ClientSampleId :

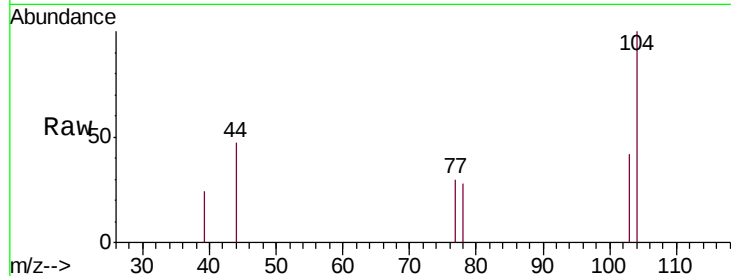
DB610

Tgt Ion:104 Resp: 694

Ion Ratio Lower Upper

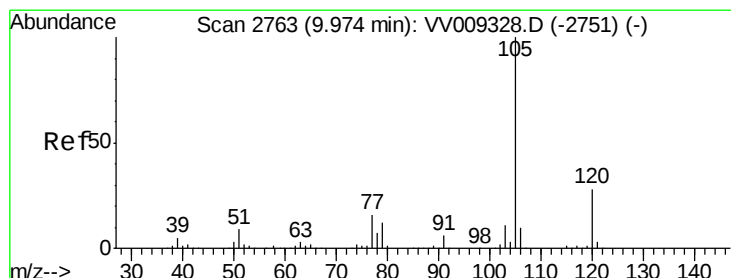
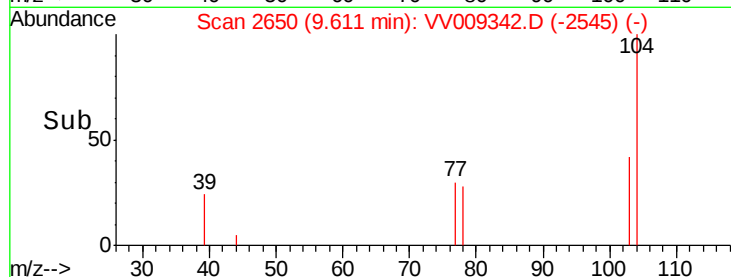
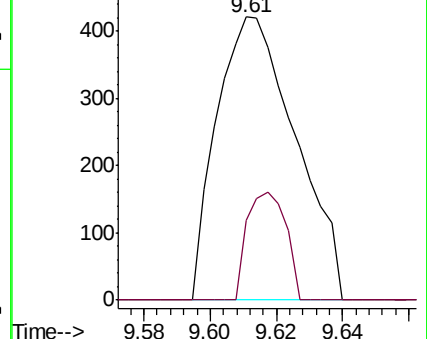
104 100

78 28.0 31.6 58.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



#57

Isopropylbenzene

Concen: 2.023 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.02 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

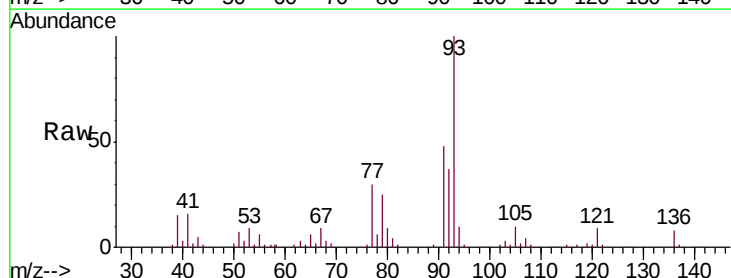
Tgt Ion:105 Resp: 3257

Ion Ratio Lower Upper

105 100

120 3.1 21.7 32.5#

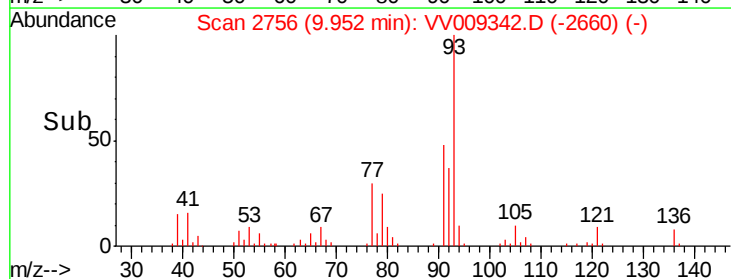
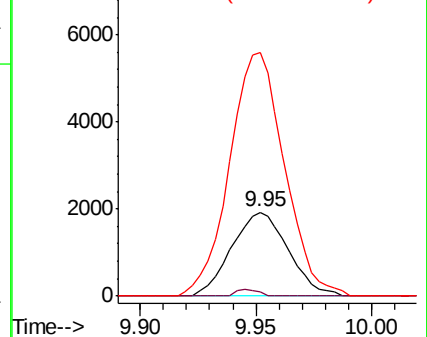
77 282.1 12.8 19.2#

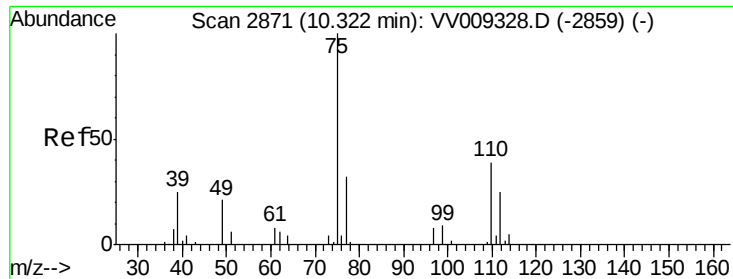


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 2.000 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV009342.D

Acq: 22 Feb 2019 21:10

Instrument :

MSVOA_V

ClientSampleId :

DB610

Tgt Ion: 75 Resp: 554

Ion Ratio Lower Upper

75 100

77 69.5 26.3 39.5#

