

Data File : VU030312.D
Acq On : 22 Mar 2019 16:48
Operator : JC/SP
Sample : K2022-06RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09A3

Quant Time: Mar 23 04:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513685	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228194	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141975	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.74%
7) Chloroethane-d5	1.68	69	124780	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.86%
11) 1,1-Dichloroethene-d2	2.27	63	199460	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.96%
21) 2-Butanone-d5	4.17	46	261736	101.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.57%
24) Chloroform-d	4.65	84	293221	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	170663	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	607050	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.33	67	197047	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.40%
41) Toluene-d8	7.56	98	537519	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	87296	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.62%
47) 2-Hexanone-d5	8.31	63	210248	100.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300861	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	225424	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

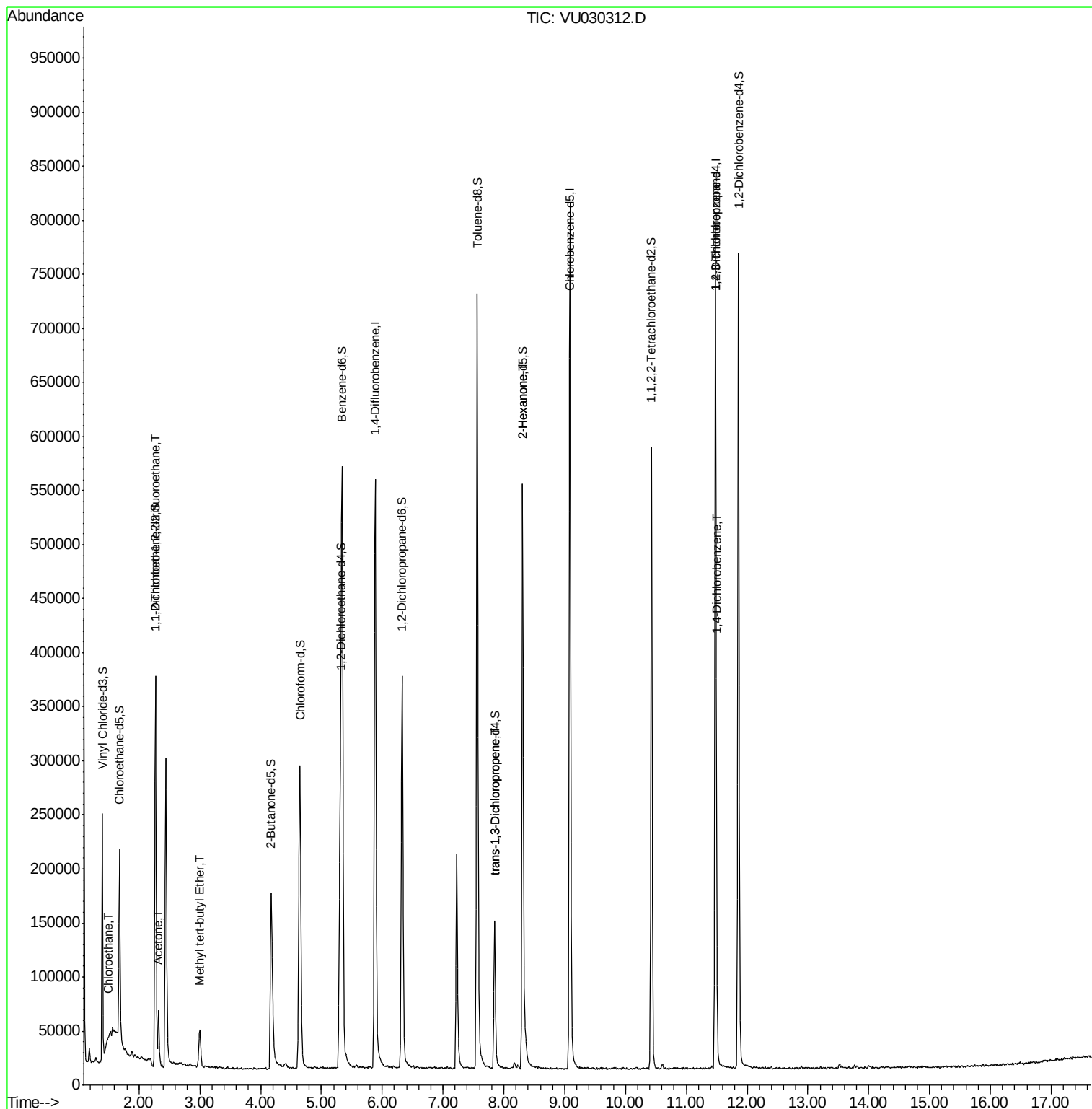
					Qvalue	
8) Chloroethane	1.49	64	28385	10.743	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2024	0.587	ug/L #	20
13) Acetone	2.32	43	49292	18.306	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	36657	3.528	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	2890	0.568	ug/L	85
48) 2-Hexanone	8.31	43	18918	4.523	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	24392	4.922	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	7053	0.934	ug/L	94

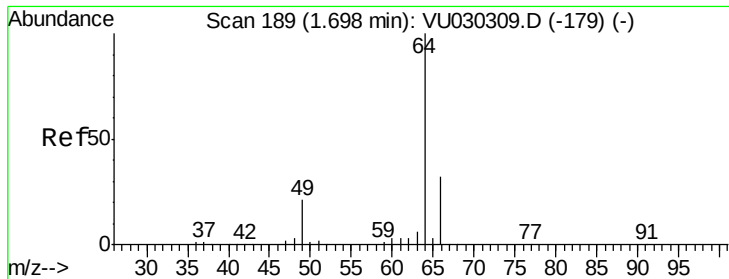
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 10.743 ug/L

RT: 1.49 min Scan# 125

Delta R.T. -0.21 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

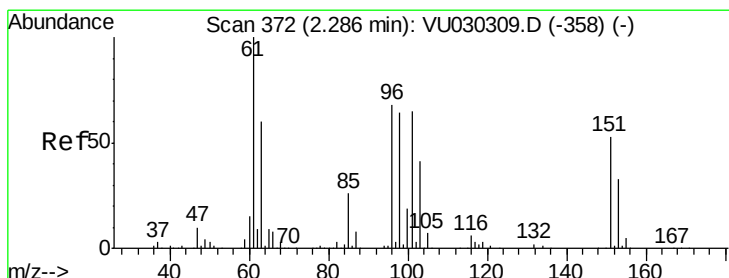
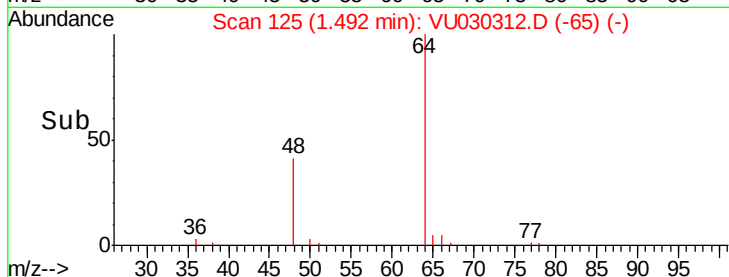
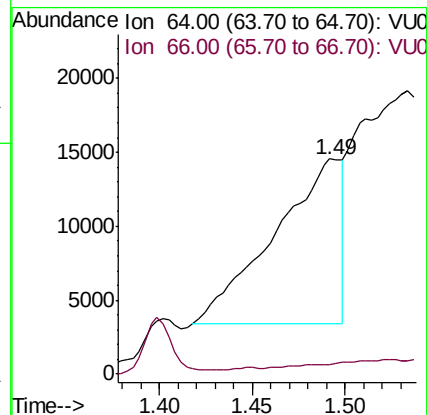
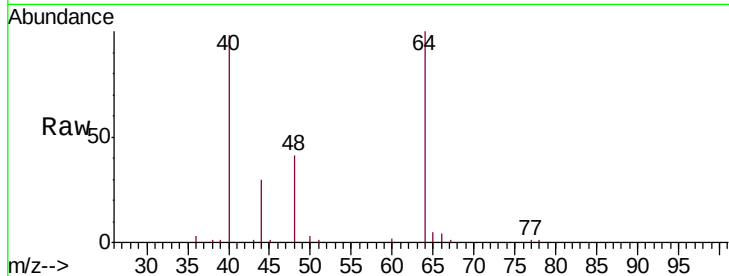
C09A3

Tgt Ion: 64 Resp: 28385

Ion Ratio Lower Upper

64 100

66 4.5 23.2 43.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.587 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

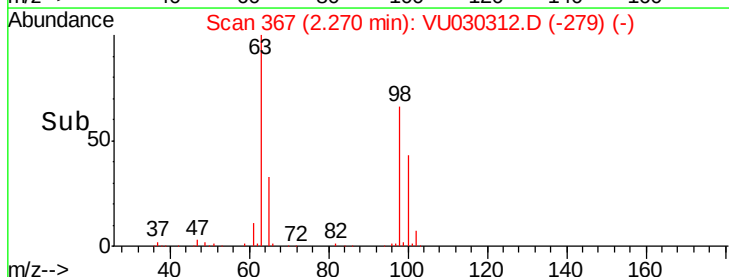
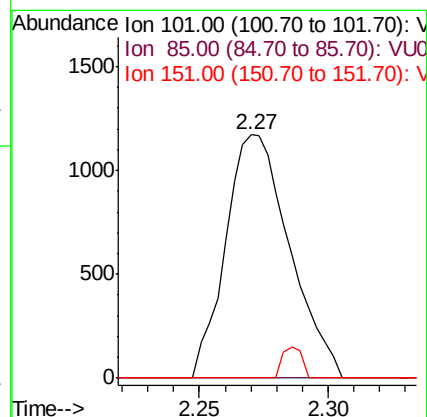
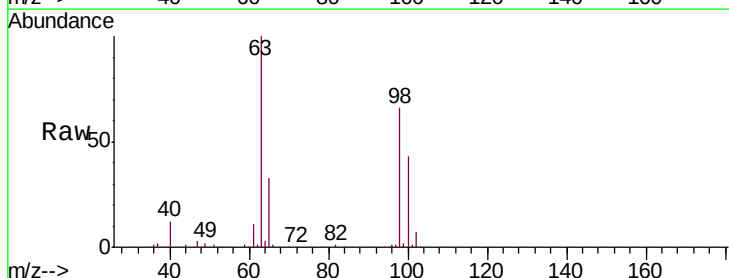
Tgt Ion: 101 Resp: 2024

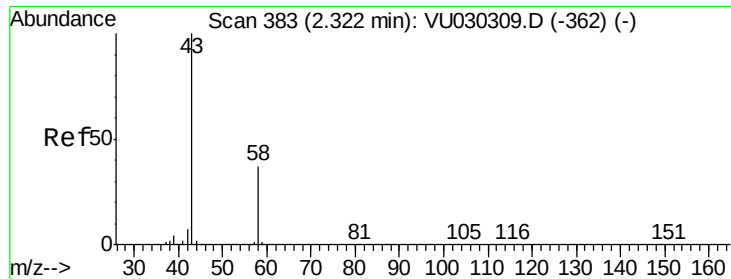
Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 3.9 64.7 97.1#





#13

Acetone

Concen: 18.306 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

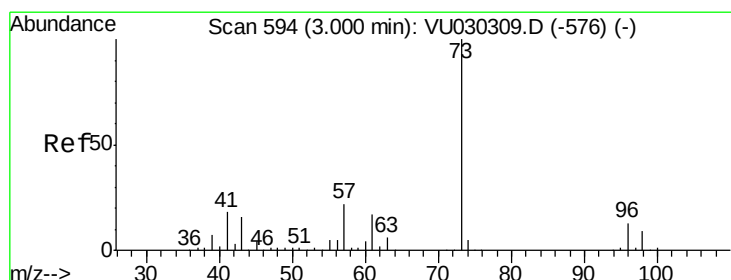
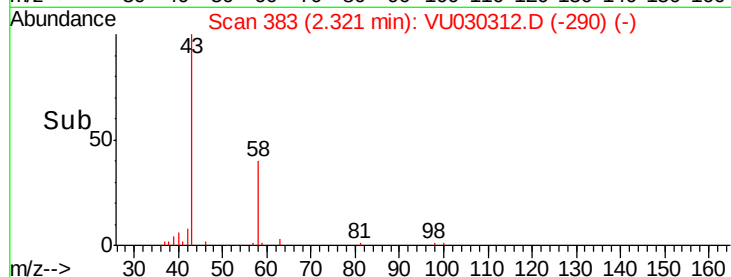
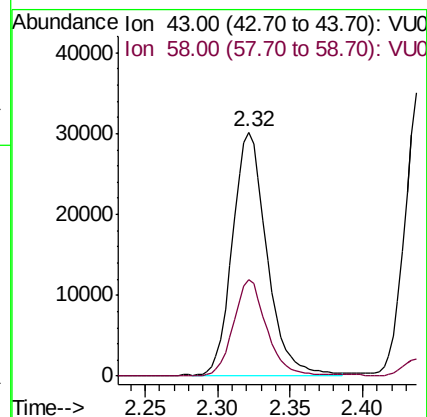
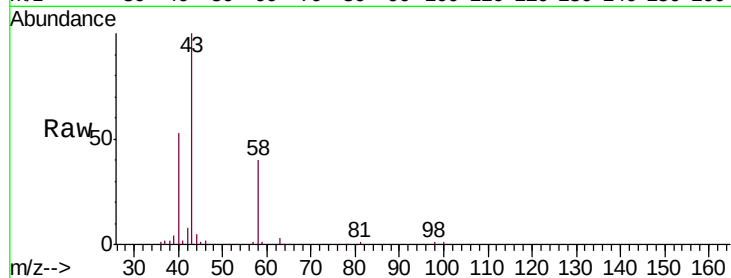
C09A3

Tgt Ion: 43 Resp: 49292

Ion Ratio Lower Upper

43 100

58 38.2 0.0 73.4



#18

Methyl tert-butyl Ether

Concen: 3.528 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

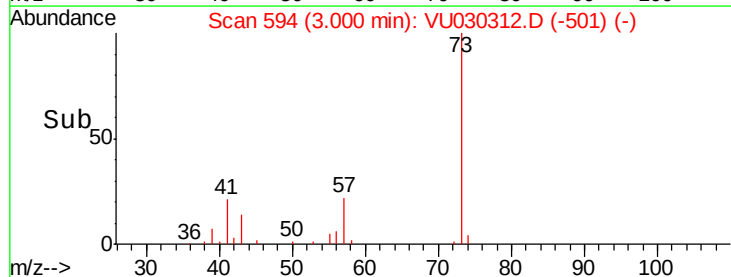
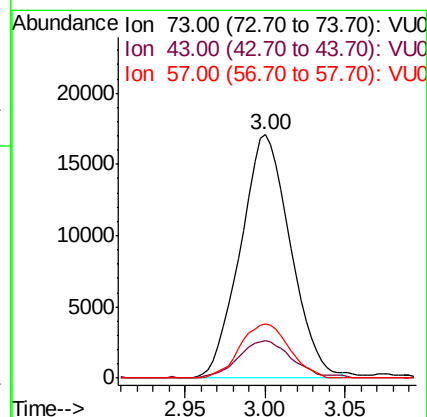
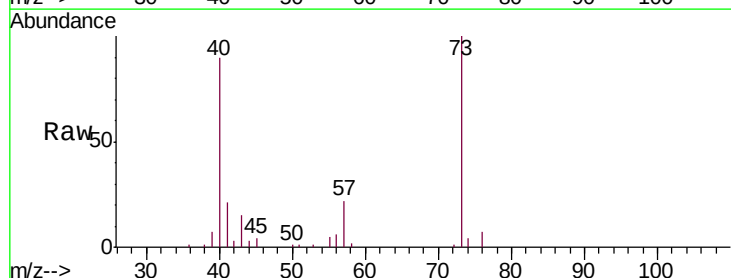
Tgt Ion: 73 Resp: 36657

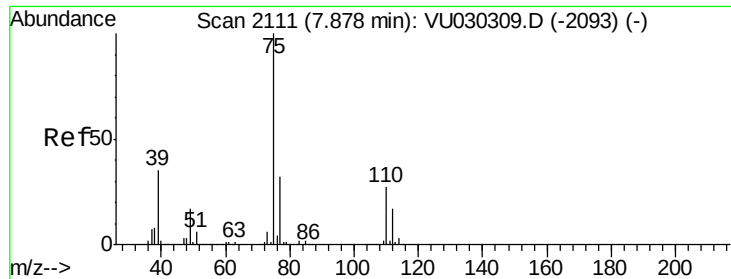
Ion Ratio Lower Upper

73 100

43 16.3 13.1 19.7

57 22.0 17.1 25.7





#44

trans-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

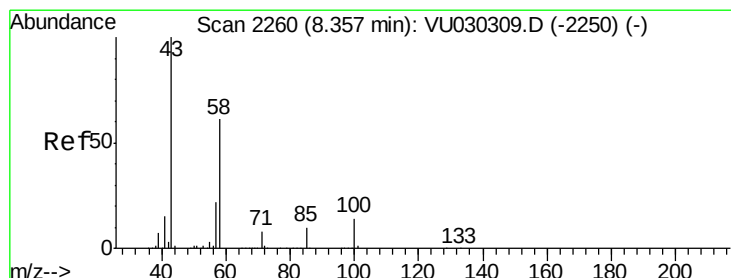
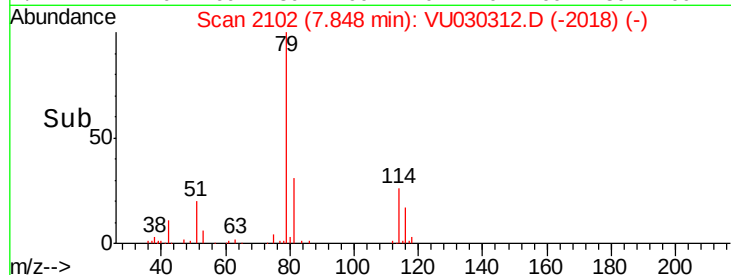
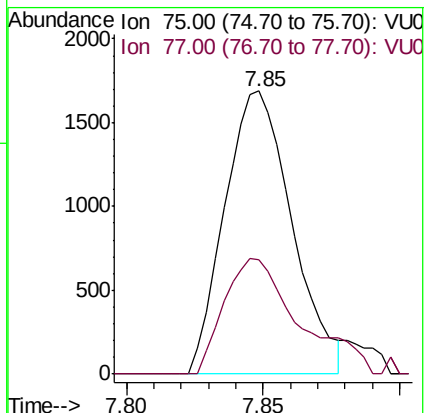
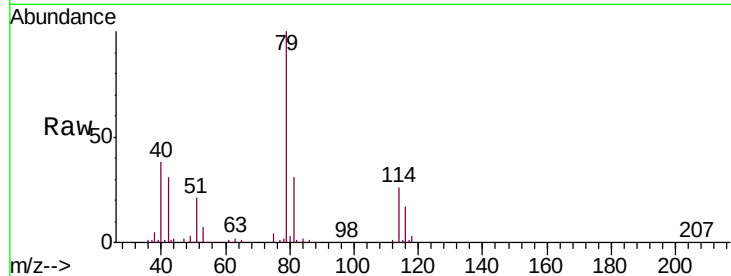
C09A3

Tgt Ion: 75 Resp: 2890

Ion Ratio Lower Upper

75 100

77 40.6 22.7 42.1



#48

2-Hexanone

Concen: 4.523 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

Tgt Ion: 43 Resp: 18918

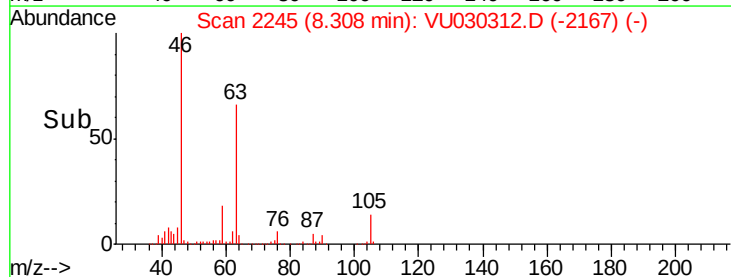
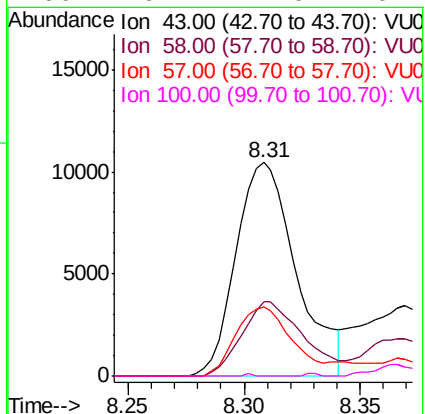
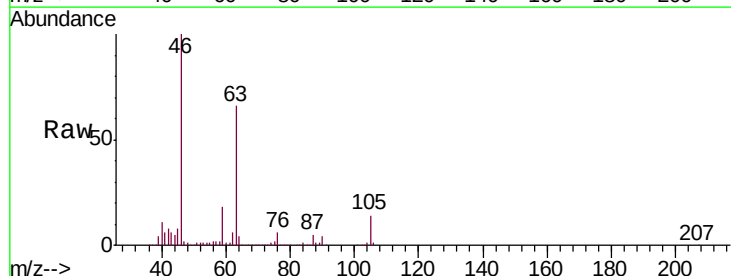
Ion Ratio Lower Upper

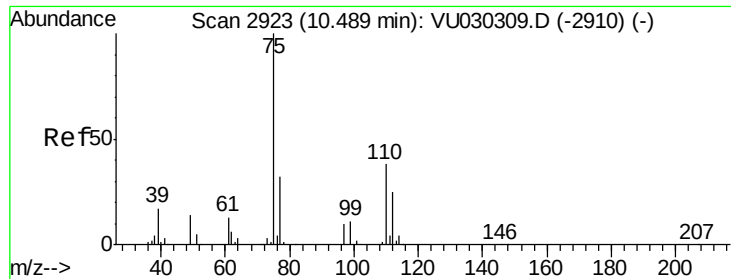
43 100

58 36.1 49.3 73.9#

57 29.9 17.0 25.4#

100 0.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.922 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

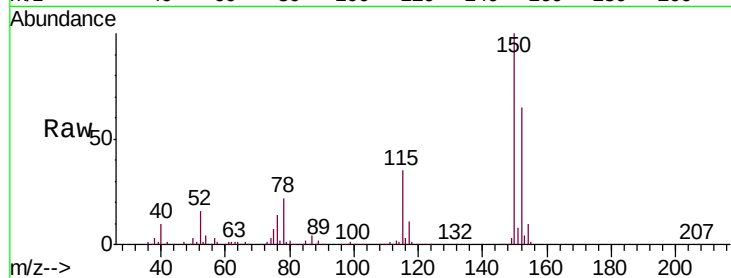
C09A3

Tgt Ion: 75 Resp: 24392

Ion Ratio Lower Upper

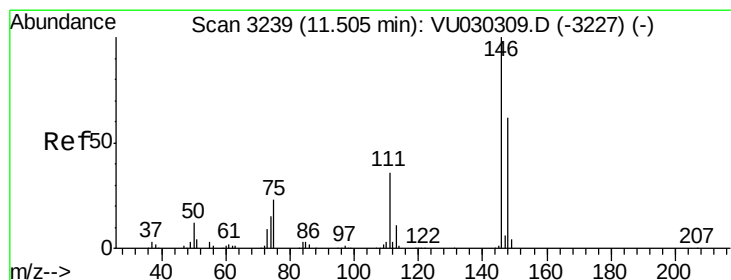
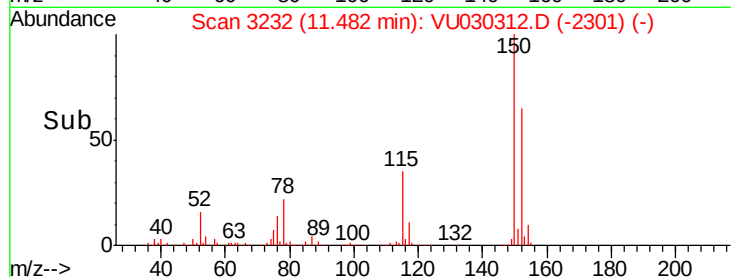
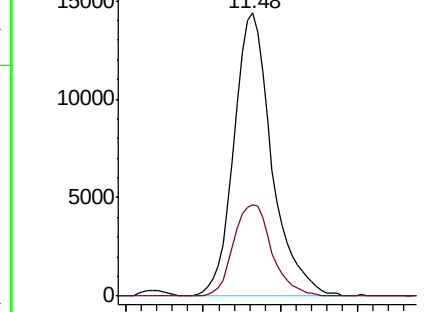
75 100

77 32.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030312.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU030312.D (-2301) (-)



#63

1,4-Dichlorobenzene

Concen: 0.934 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. -0.00 min

Lab File: VU030312.D

Acq: 22 Mar 2019 16:48

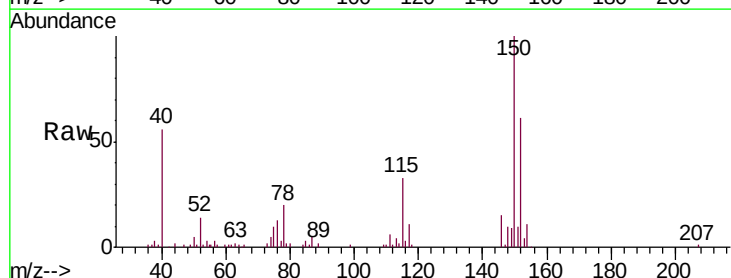
Tgt Ion: 146 Resp: 7053

Ion Ratio Lower Upper

146 100

111 38.6 25.3 46.9

148 69.0 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): VU030312.D (-3115) (-)

Ion 111.00 (110.70 to 111.70): VU030312.D (-3115) (-)

Ion 148.00 (147.70 to 148.70): VU030312.D (-3115) (-)

