

Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5162ME

Quant Time: May 11 01:01:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1115970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1158245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	534746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219401	23.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	46.98%#
7) Chloroethane-d5	1.64	69	130538	18.09	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.18%#
11) 1,1-Dichloroethene-d2	2.23	63	332053	17.85	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	35.70%#
21) 2-Butanone-d5	4.20	46	595446	70.36	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.36%
24) Chloroform-d	4.64	84	504781	29.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.02%#
26) 1,2-Dichloroethane-d4	5.30	65	348305	31.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.34%#
32) Benzene-d6	5.33	84	958423	26.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	53.90%#
36) 1,2-Dichloropropane-d6	6.32	67	357564	28.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	57.16%#
41) Toluene-d8	7.56	98	849133	27.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.82%#
43) trans-1,3-Dichloropropene-	7.85	79	141430	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
47) 2-Hexanone-d5	8.32	63	436126	80.52	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	634452	37.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	351596	31.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.52%#

Target Compounds

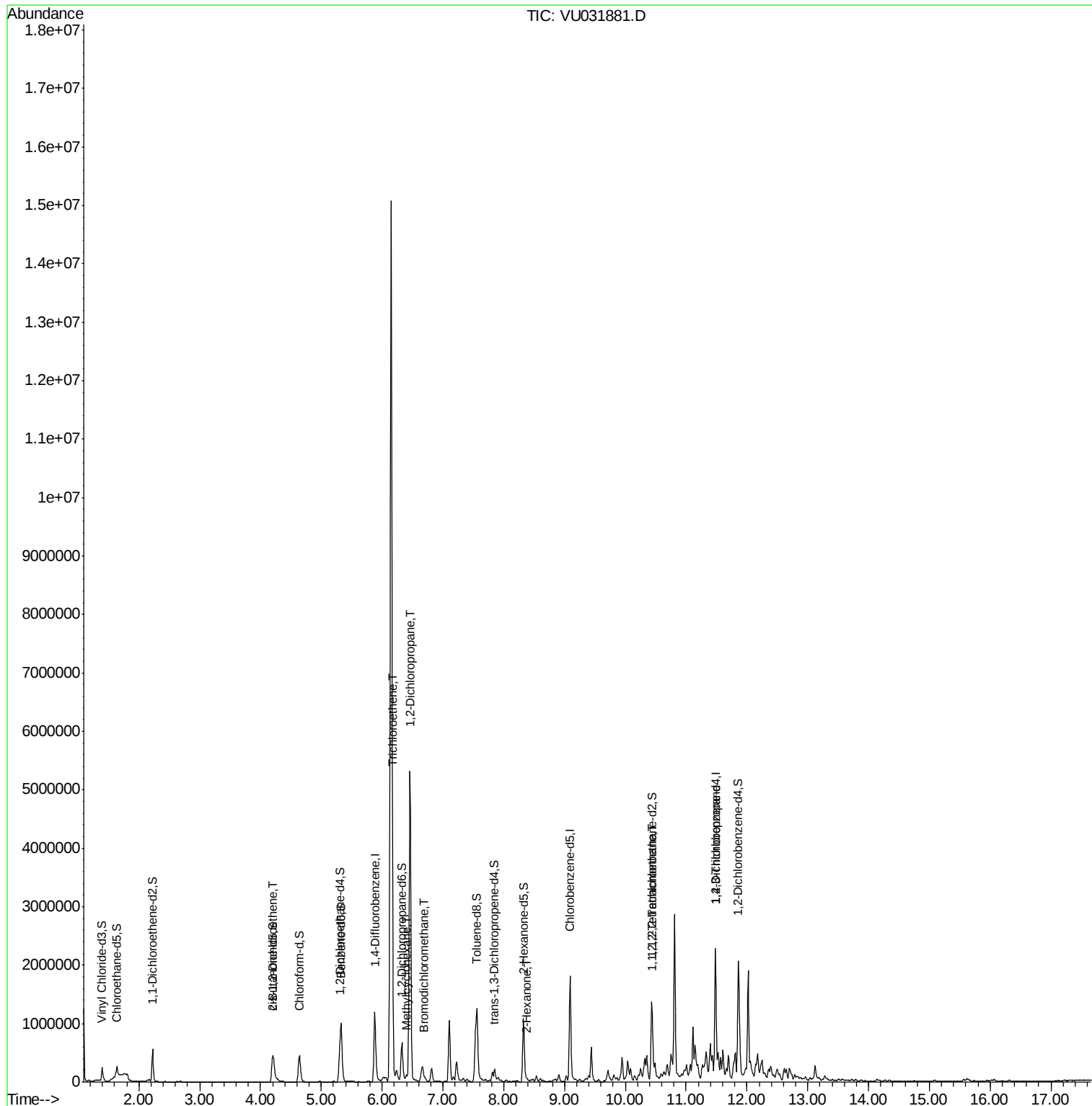
						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	138387	14.220	ug/L	96
34) Trichloroethene	6.18	95	37921	3.674	ug/L #	1
35) Methylcyclohexane	6.40	83	39331	2.542	ug/L #	81
37) 1,2-Dichloropropane	6.46	63	30293	2.506	ug/L #	1
38) Bromodichloromethane	6.70	83	24517	1.673	ug/L #	29
48) 2-Hexanone	8.38	43	15040	1.000	ug/L #	88
58) 1,1,2,2-Tetrachloroethane	10.45	83	14109	0.798	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	68190	4.757	ug/L	94

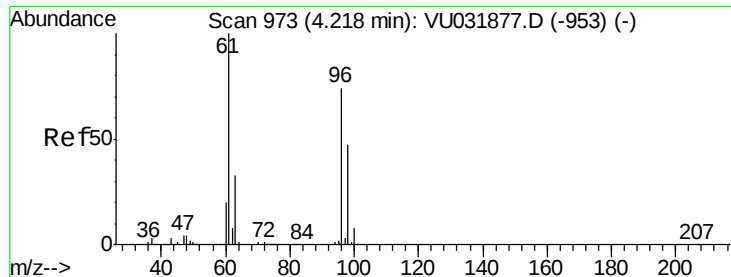
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5162ME

Quant Time: May 11 01:01:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

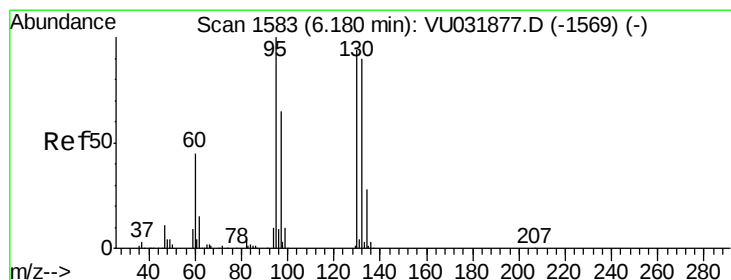
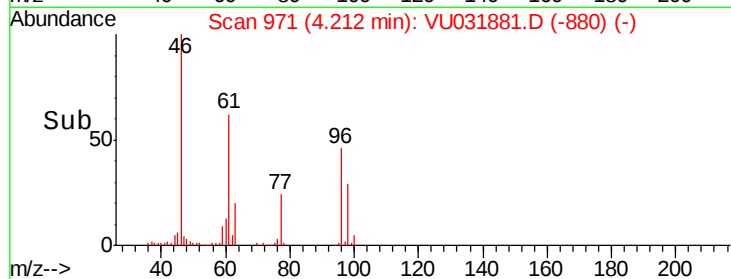
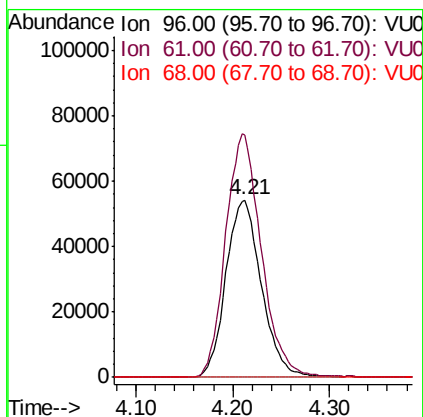
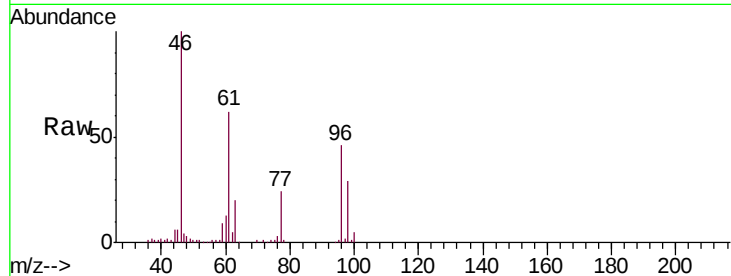




#20
 cis-1,2-Dichloroethene
 Concen: 14.220 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU031881.D
 Acq: 10 May 2019 12:17

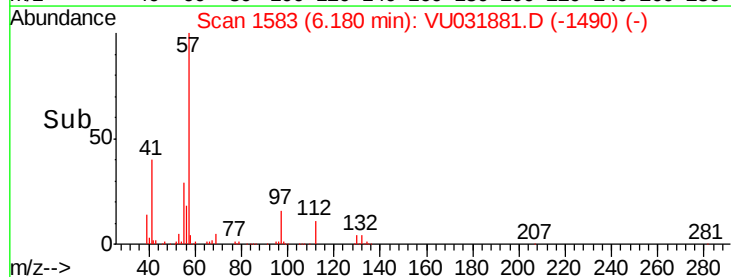
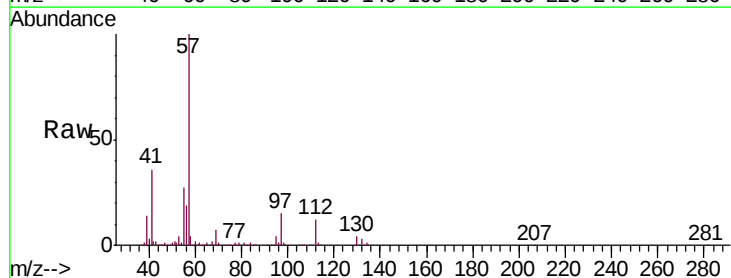
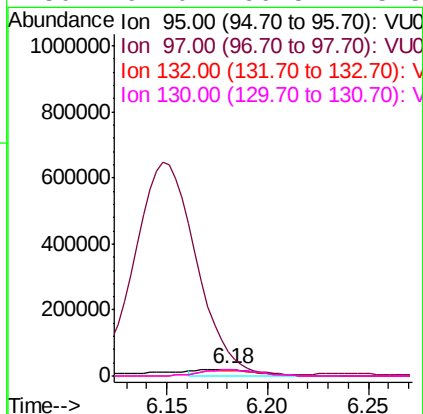
Instrument :
 MSVOA_U
 ClientSampleId :
 A5162ME

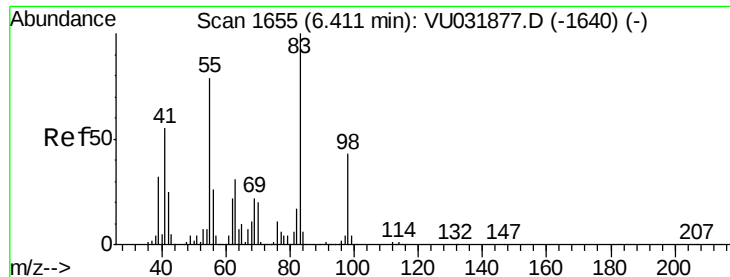
Tgt Ion: 96 Resp: 138387
 Ion Ratio Lower Upper
 96 100
 61 136.8 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.674 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031881.D
 Acq: 10 May 2019 12:17

Tgt Ion: 95 Resp: 37921
 Ion Ratio Lower Upper
 95 100
 97 363.6 44.8 83.2#
 132 85.0 63.1 117.1
 130 91.0 66.5 123.5





#35

Methylcyclohexane

Concen: 2.542 ug/L

RT: 6.40 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VU031881.D

Acq: 10 May 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

A5162ME

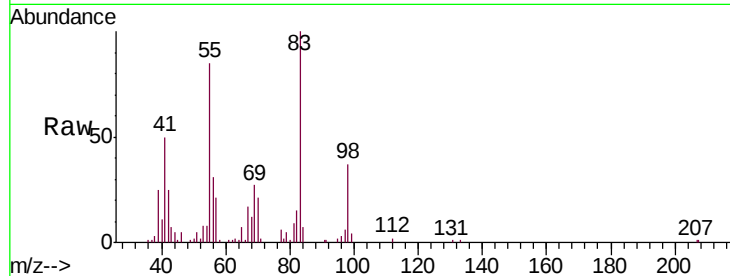
Tgt Ion: 83 Resp: 39331

Ion Ratio Lower Upper

83 100

55 66.9 73.0 109.4#

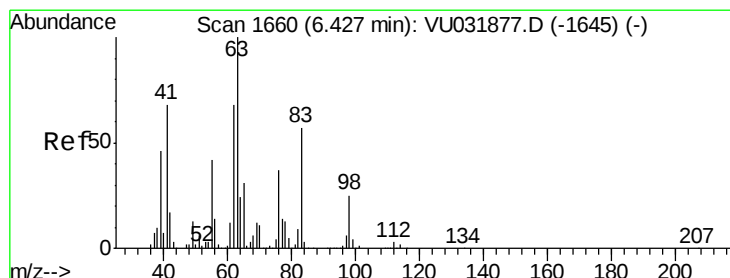
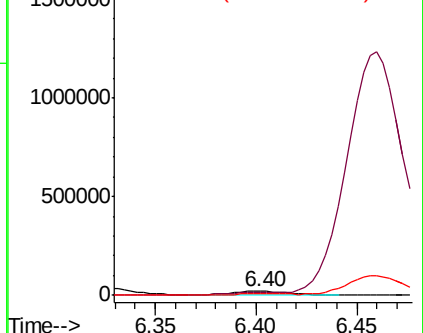
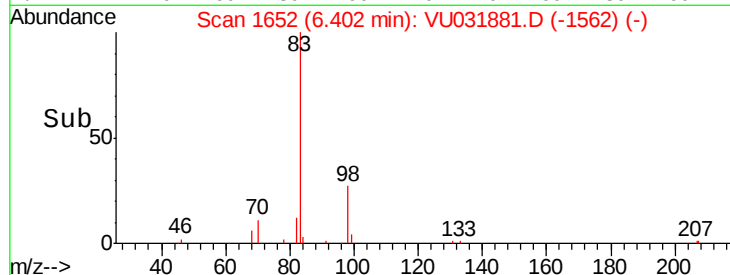
98 39.9 35.3 52.9



Abundance Ion 83.00 (82.70 to 83.70): VU031881.D (-1562) (-)

Ion 55.00 (54.70 to 55.70): VU031881.D (-1562) (-)

Ion 98.00 (97.70 to 98.70): VU031881.D (-1562) (-)



#37

1,2-Dichloropropane

Concen: 2.506 ug/L

RT: 6.46 min Scan# 1670

Delta R.T. 0.03 min

Lab File: VU031881.D

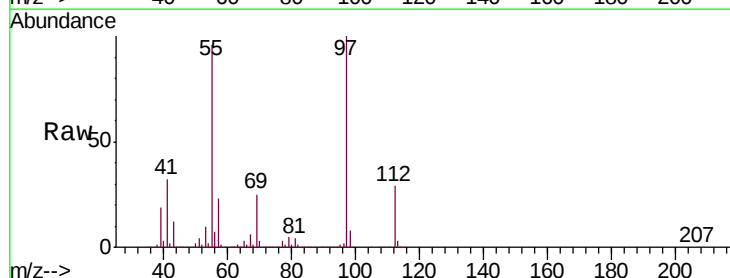
Acq: 10 May 2019 12:17

Tgt Ion: 63 Resp: 30293

Ion Ratio Lower Upper

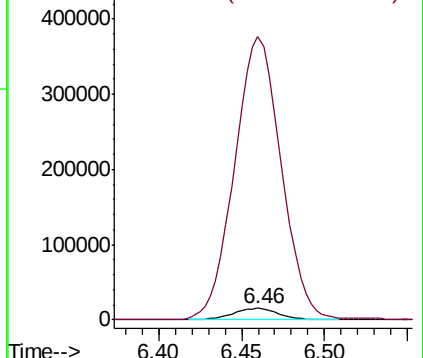
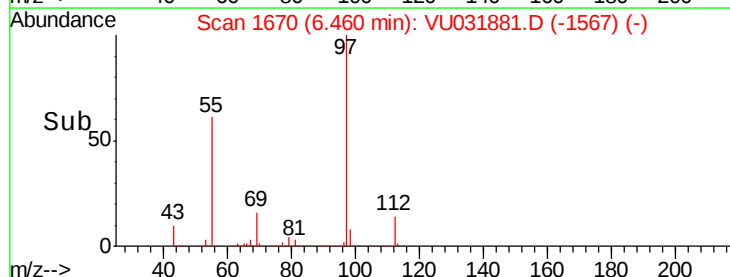
63 100

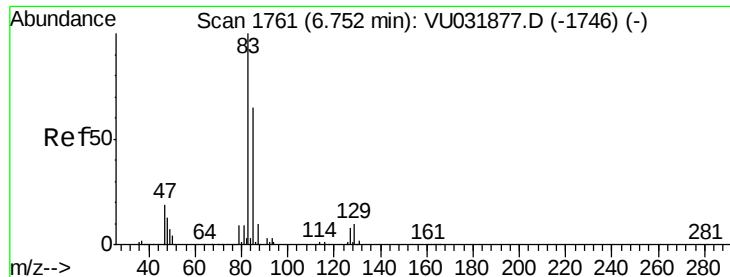
112 2434.9 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU031881.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VU031881.D (-1567) (-)





#38

Bromodichloromethane

Concen: 1.673 ug/L

RT: 6.70 min Scan# 1746

Delta R.T. -0.05 min

Lab File: VU031881.D

Acq: 10 May 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

A5162ME

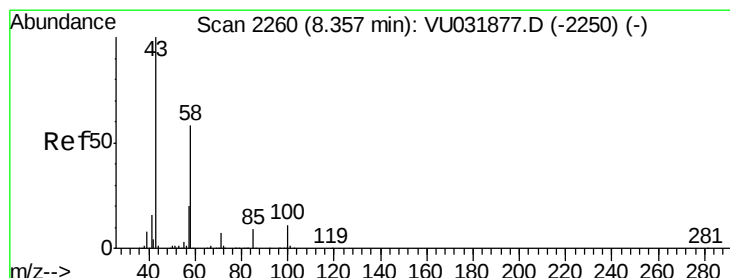
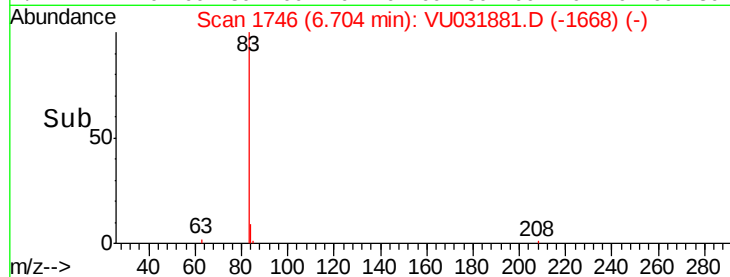
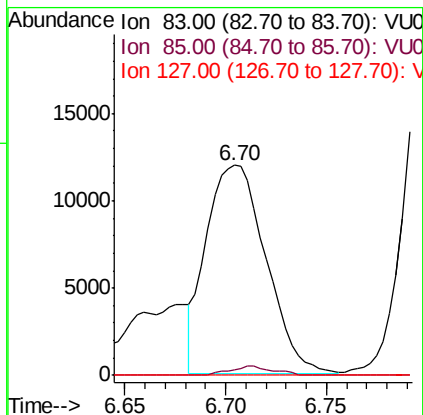
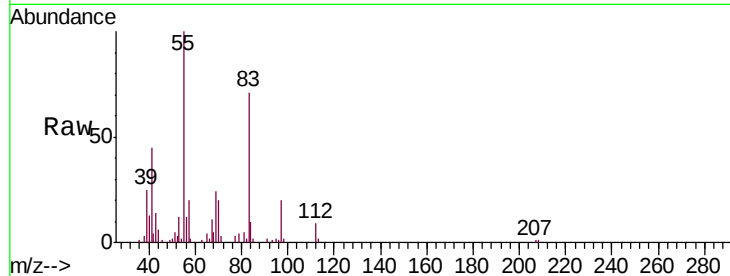
Tgt Ion: 83 Resp: 24517

Ion Ratio Lower Upper

83 100

85 2.5 43.7 81.1#

127 0.0 6.7 10.1#



#48

2-Hexanone

Concen: 1.000 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031881.D

Acq: 10 May 2019 12:17

Tgt Ion: 43 Resp: 15040

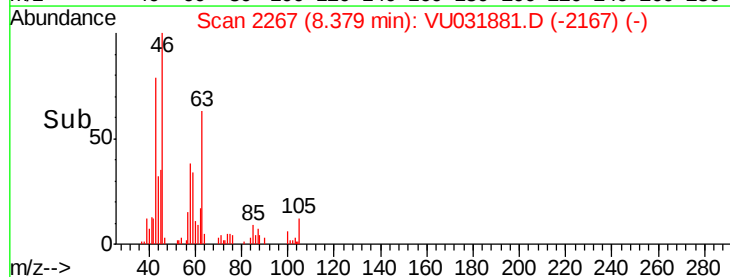
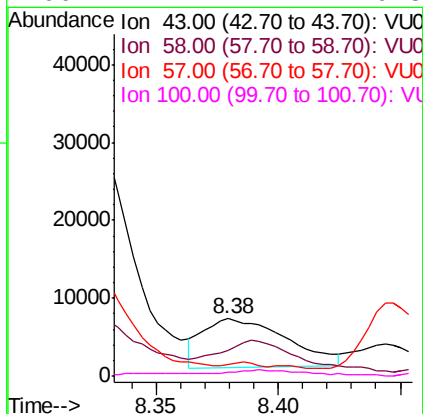
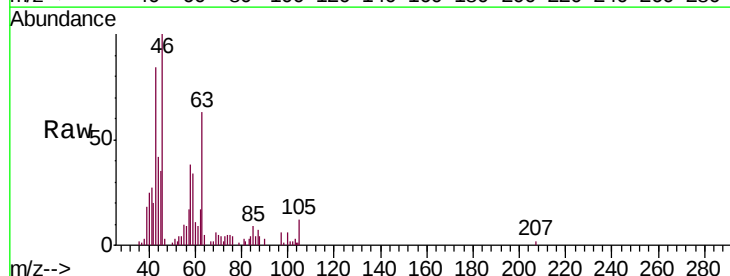
Ion Ratio Lower Upper

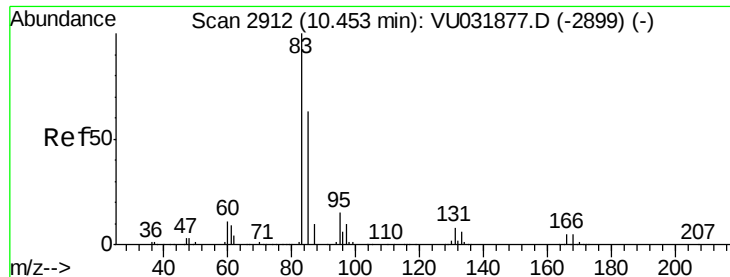
43 100

58 50.1 42.1 63.1

57 2.8 14.6 22.0#

100 4.1 7.2 10.8#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.798 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031881.D

Acq: 10 May 2019 12:17

Instrument :

MSVOA_U

ClientSampleId :

A5162ME

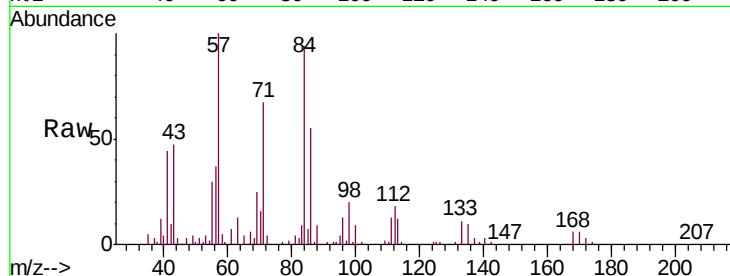
Tgt Ion: 83 Resp: 14109

Ion Ratio Lower Upper

83 100

85 81.7 46.0 85.4

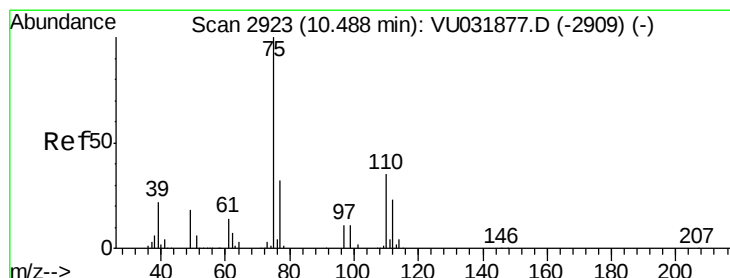
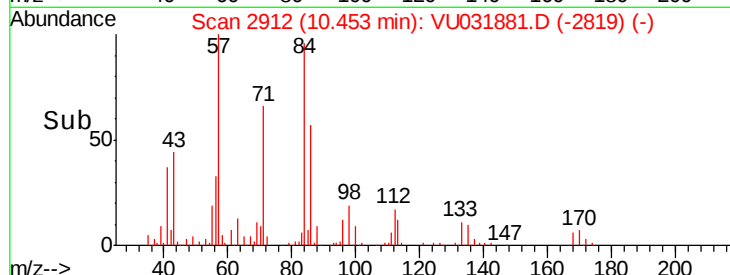
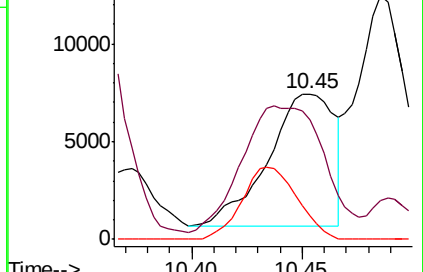
131 16.1 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VU031877.D (-2899) (-)

Ion 85.00 (84.70 to 85.70): VU031877.D (-2899) (-)

Ion 131.00 (130.70 to 131.70): VU031877.D (-2899) (-)



#59

1,2,3-Trichloropropane

Concen: 4.757 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031881.D

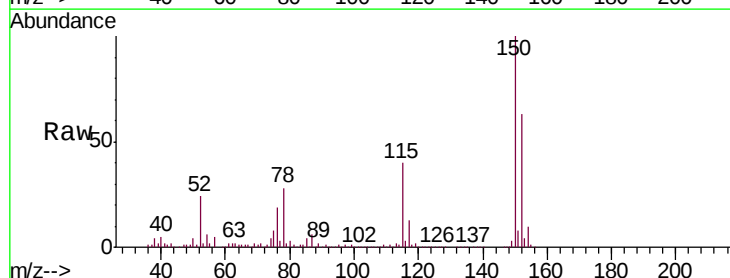
Acq: 10 May 2019 12:17

Tgt Ion: 75 Resp: 68190

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031877.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031877.D (-2909) (-)

