

Data File : VU030245.D
Acq On : 20 Mar 2019 23:58
Operator : JC/SP
Sample : K2017-02
Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0D5

Quant Time: Mar 22 01:34:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	619393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	625651	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	333273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140127	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.92%
7) Chloroethane-d5	1.78	69	218	0.07	ug/L	0.10
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.23	63	210406	27.54	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.19	46	286518	92.21	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.21%
24) Chloroform-d	4.64	84	309875	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	5.30	65	189935	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
32) Benzene-d6	5.33	84	665360	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
36) 1,2-Dichloropropane-d6	6.32	67	213399	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.66%
41) Toluene-d8	7.56	98	618134	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#
43) trans-1,3-Dichloropropene-	7.85	79	98752	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.32	63	258376	97.67	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	378831	48.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	292679	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%

Target Compounds

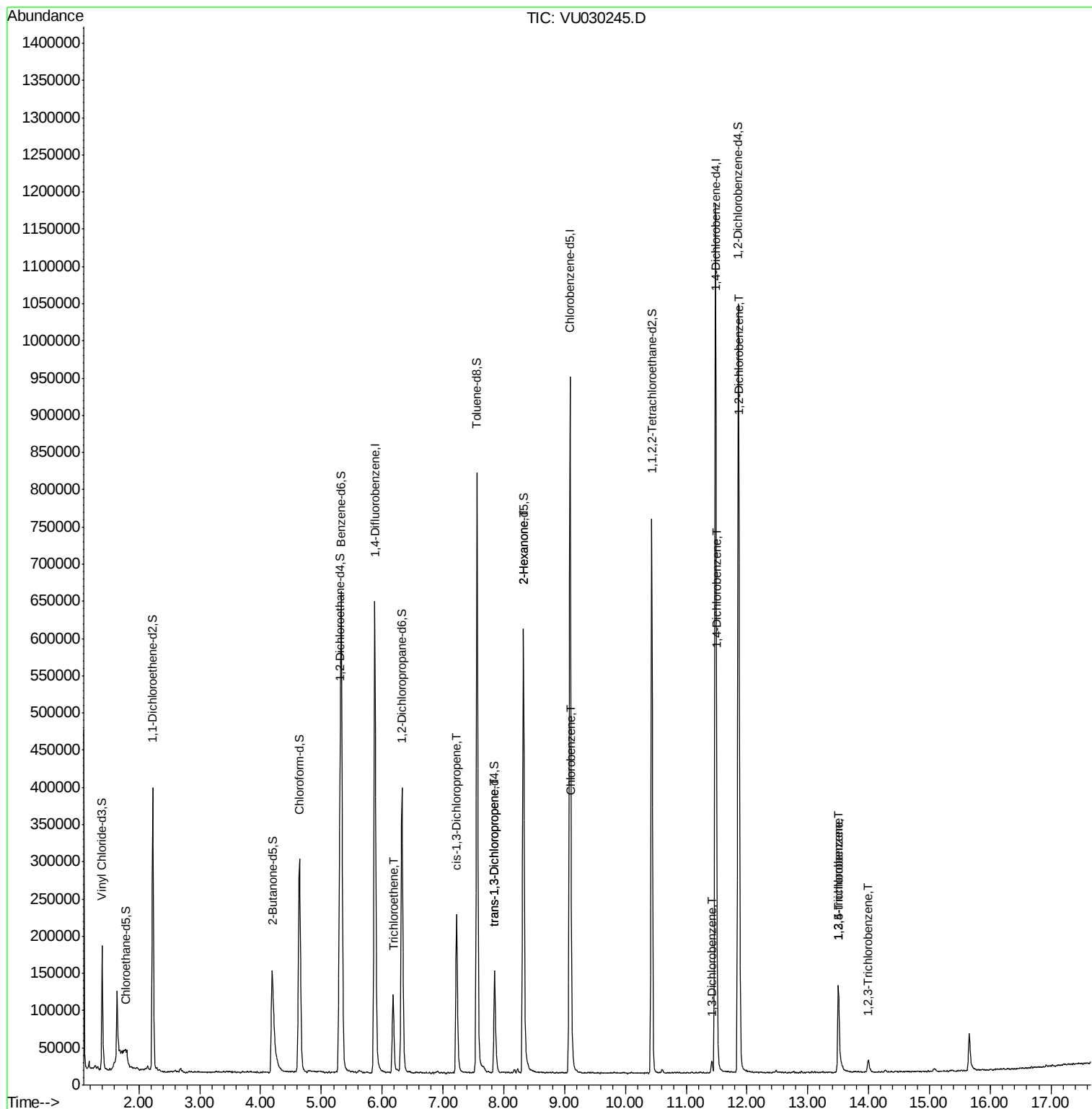
					Qvalue
34) Trichloroethene	6.18	95	38740	8.143 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	5102	0.688 ug/L #	50
44) trans-1,3-Dichloropropene	7.85	75	3747	0.584 ug/L	95
48) 2-Hexanone	8.32	43	24334	4.614 ug/L #	62
51) Chlorobenzene	9.12	112	22968	1.767 ug/L	92
62) 1,3-Dichlorobenzene	11.42	146	8380	0.788 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	56584	5.130 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	84643	7.791 ug/L	98
67) 1,3,5-Trichlorobenzene	13.50	180	53982	6.496 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	53982	7.346 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	7930	1.034 ug/L	92

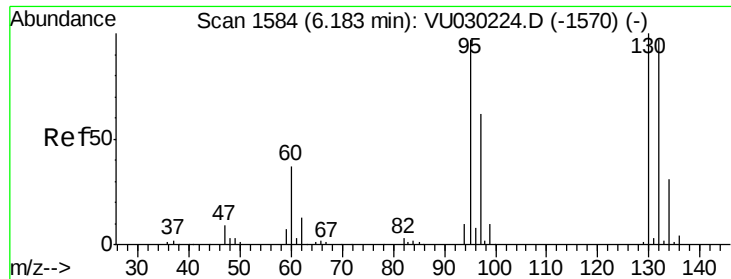
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 8.143 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030245.D

Acq: 20 Mar 2019 23:58

Instrument :

MSVOA_U

ClientSampleID :

BF0D5

Tgt Ion: 95 Resp: 38740

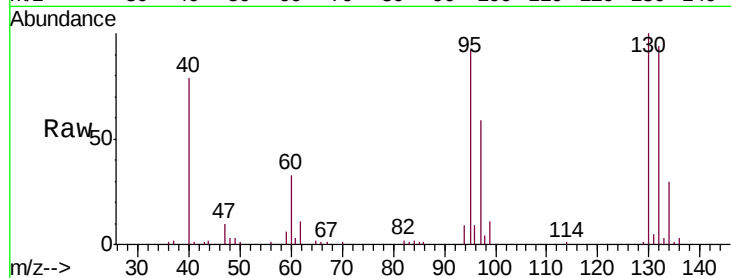
Ion Ratio Lower Upper

95 100

97 64.6 46.2 85.8

132 103.0 69.3 128.7

130 109.1 73.6 136.6

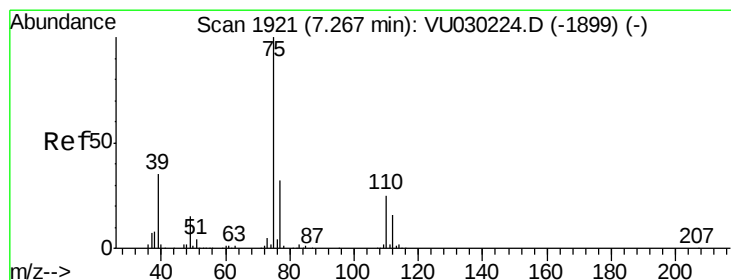
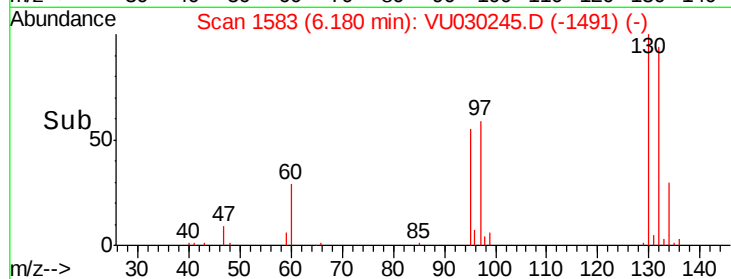
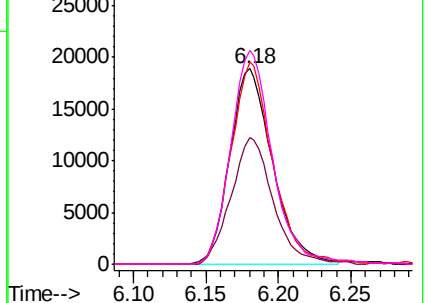


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030245.D

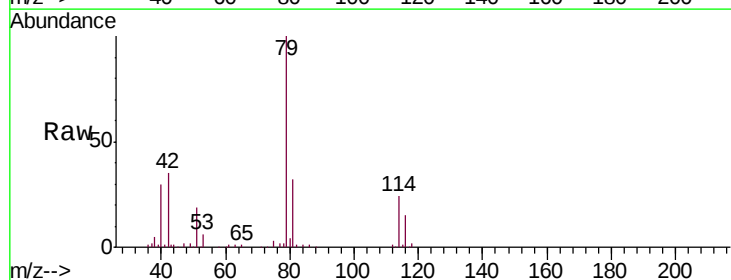
Acq: 20 Mar 2019 23:58

Tgt Ion: 75 Resp: 5102

Ion Ratio Lower Upper

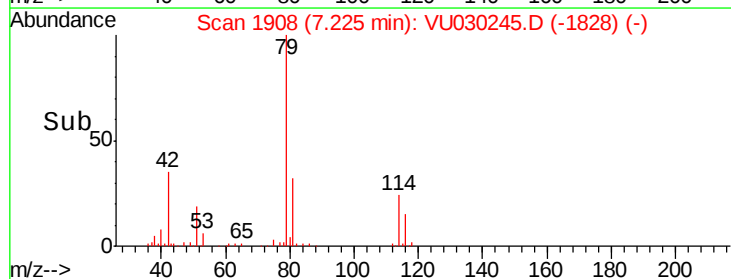
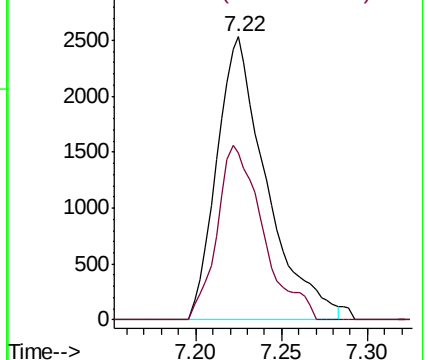
75 100

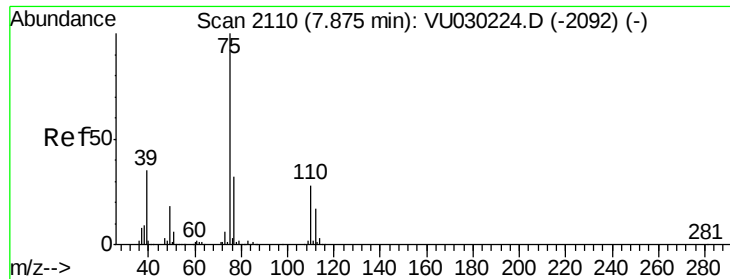
77 59.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030245.D

Acq: 20 Mar 2019 23:58

Instrument :

MSVOA_U

ClientSampleId :

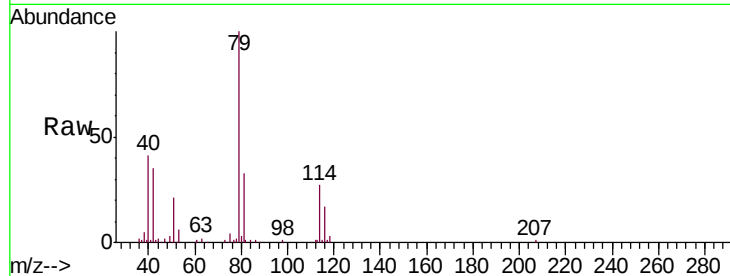
BF0D5

Tgt Ion: 75 Resp: 3747

Ion Ratio Lower Upper

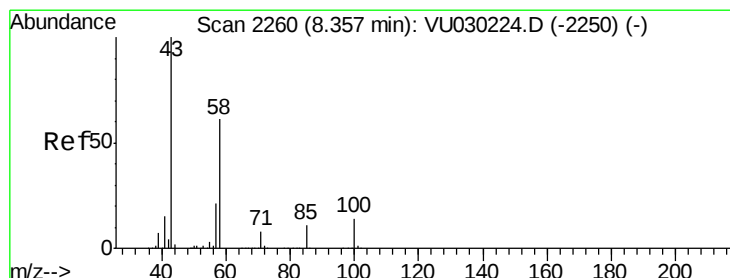
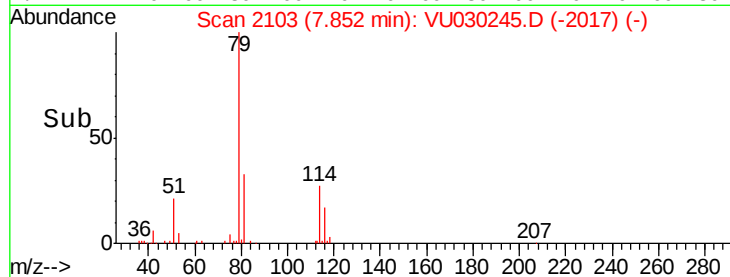
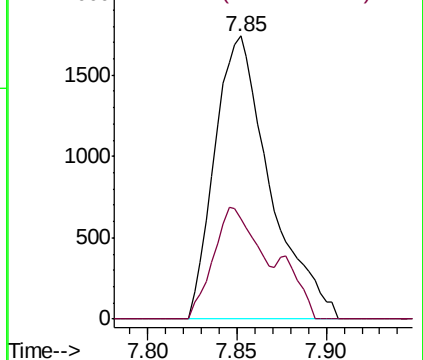
75 100

77 35.3 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030224.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030224.D (-2092) (-)



#48

2-Hexanone

Concen: 4.614 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.03 min

Lab File: VU030245.D

Acq: 20 Mar 2019 23:58

Tgt Ion: 43 Resp: 24334

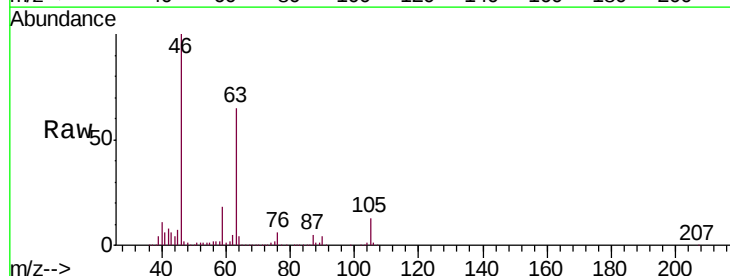
Ion Ratio Lower Upper

43 100

58 25.1 49.3 73.9#

57 27.2 17.0 25.4#

100 0.3 11.0 16.4#

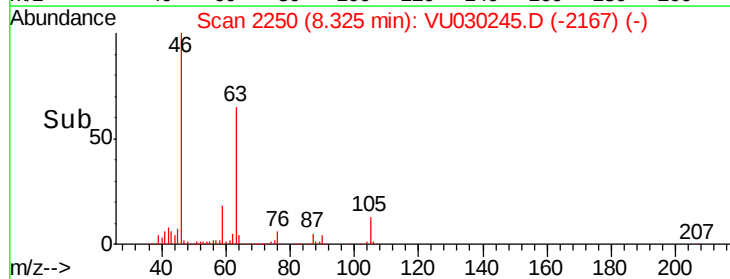
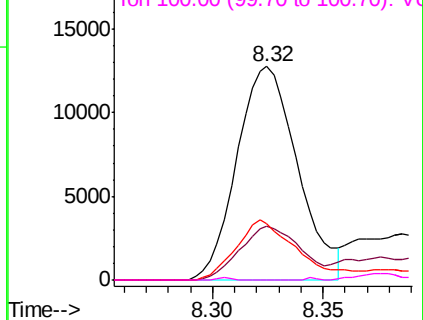


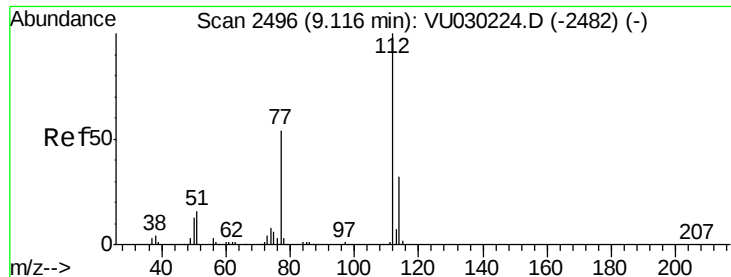
Abundance Ion 43.00 (42.70 to 43.70): VU030224.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU030224.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU030224.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU030224.D (-2250) (-)

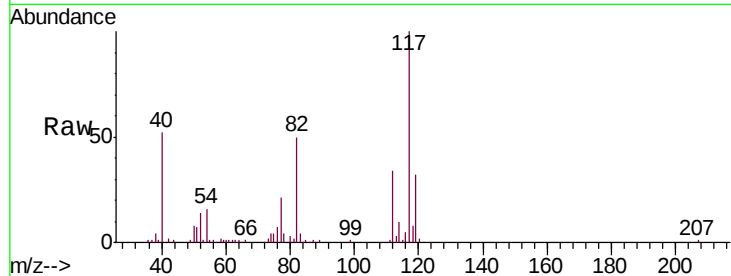




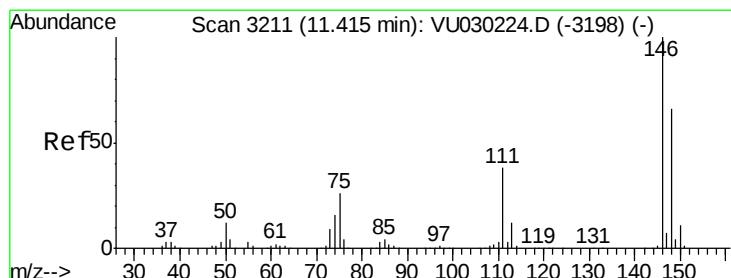
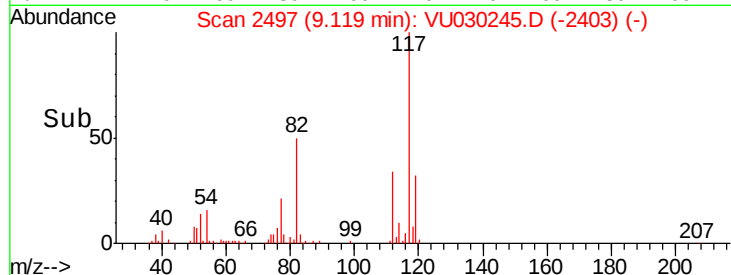
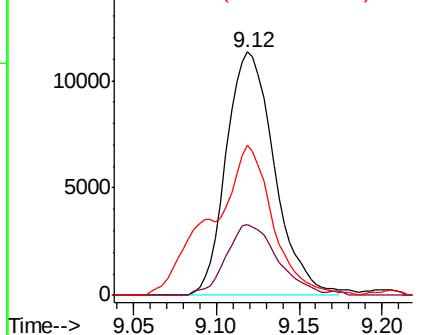
#51
Chlorobenzene
Concen: 1.767 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030245.D
Acq: 20 Mar 2019 23:58

Instrument :
MSVOA_U
ClientSampleId :
BF0D5

Tgt Ion:112 Resp: 22968
Ion Ratio Lower Upper
112 100
114 29.2 22.5 41.7
77 61.5 43.4 65.0

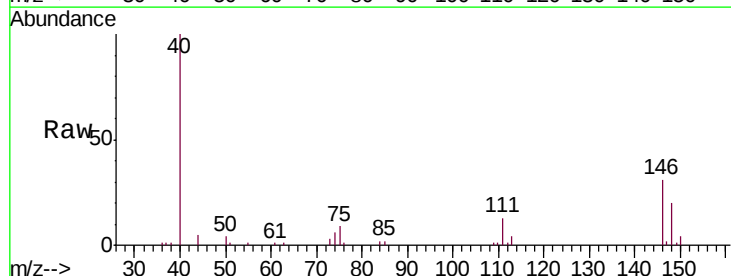


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

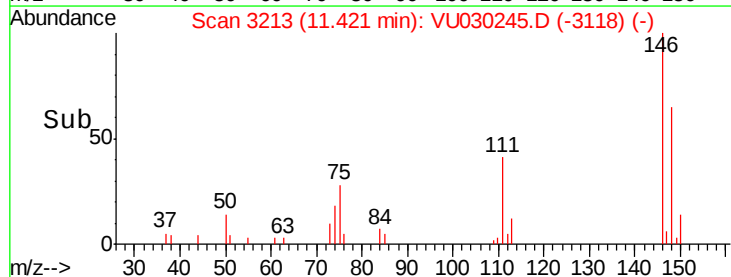
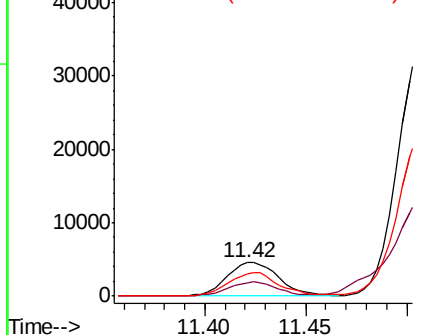


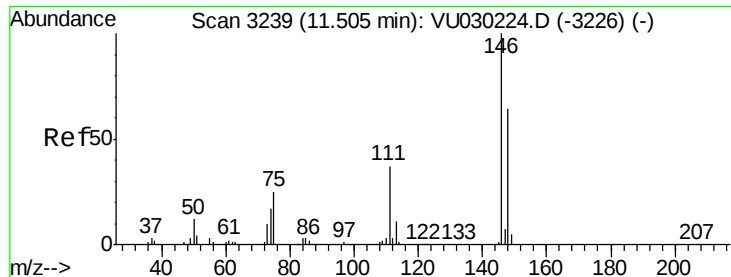
#62
1,3-Dichlorobenzene
Concen: 0.788 ug/L
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU030245.D
Acq: 20 Mar 2019 23:58

Tgt Ion:146 Resp: 8380
Ion Ratio Lower Upper
146 100
111 41.0 27.2 50.4
148 64.7 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 5.130 ug/L

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU030245.D

Acq: 20 Mar 2019 23:58

Instrument :

MSVOA_U

ClientSampleId :

BF0D5

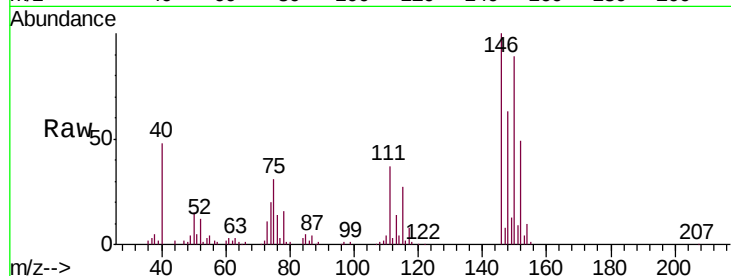
Tgt Ion:146 Resp: 56584

Ion Ratio Lower Upper

146 100

111 37.1 25.3 46.9

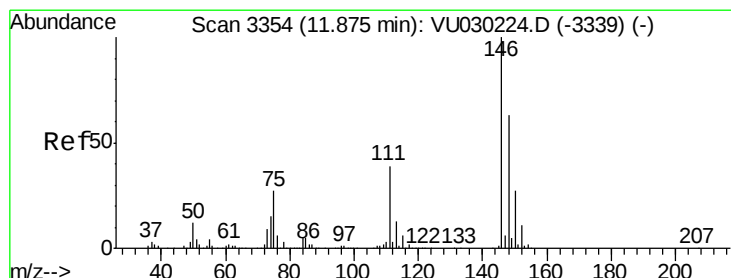
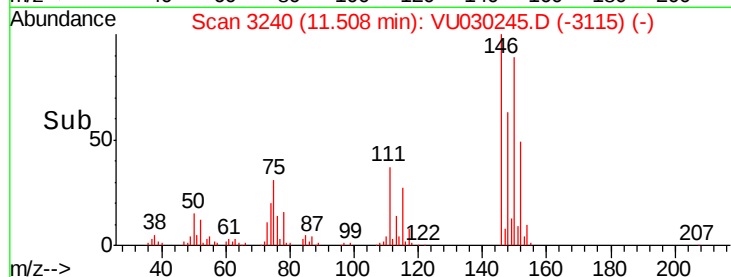
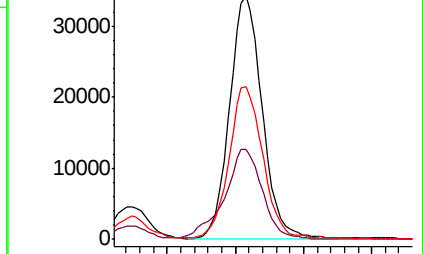
148 62.9 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 7.791 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030245.D

Acq: 20 Mar 2019 23:58

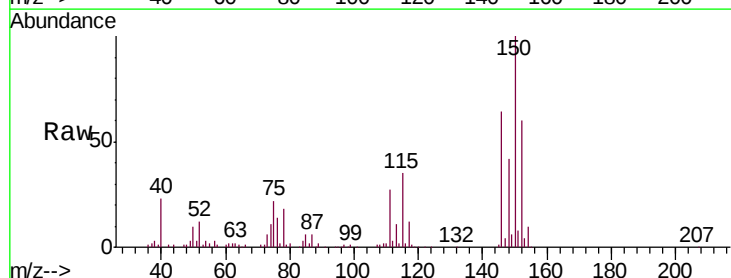
Tgt Ion:146 Resp: 84643

Ion Ratio Lower Upper

146 100

111 42.6 31.7 47.5

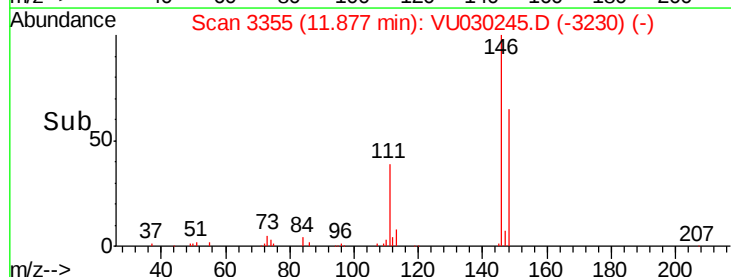
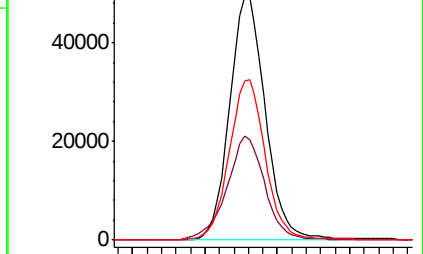
148 65.3 52.0 78.0

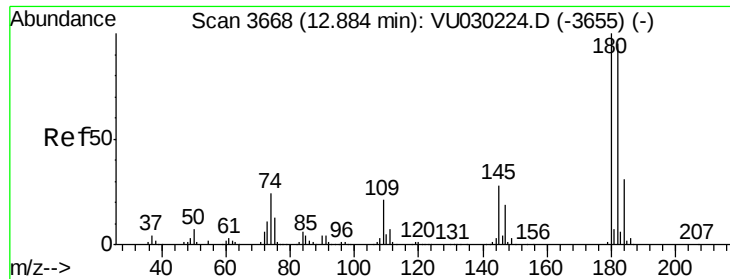


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

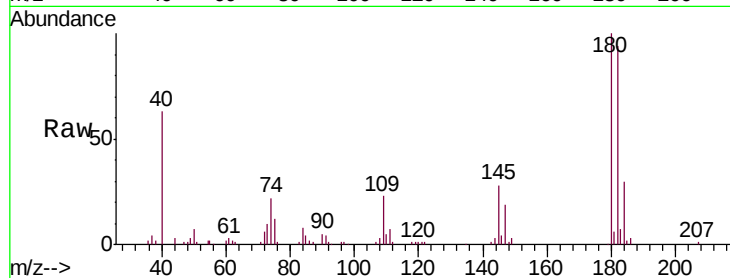




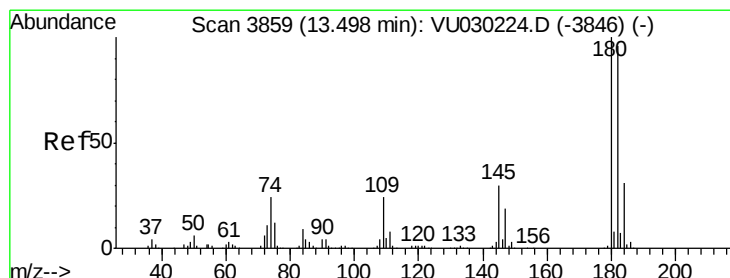
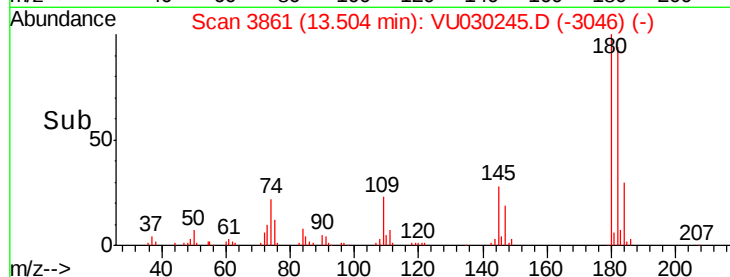
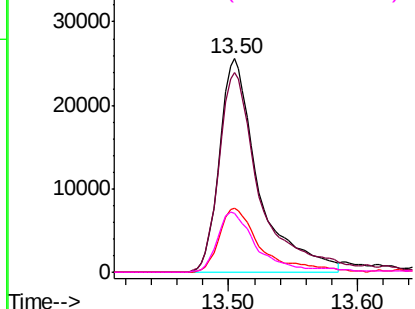
#67
 1,3,5-Trichlorobenzene
 Concen: 6.496 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.62 min
 Lab File: VU030245.D
 Acq: 20 Mar 2019 23:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D5

Tgt Ion:180 Resp: 53982
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.0 114.0
 184 30.5 24.2 36.4
 145 27.7 22.1 33.1

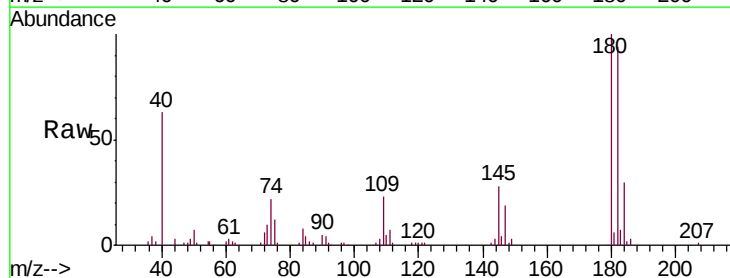


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

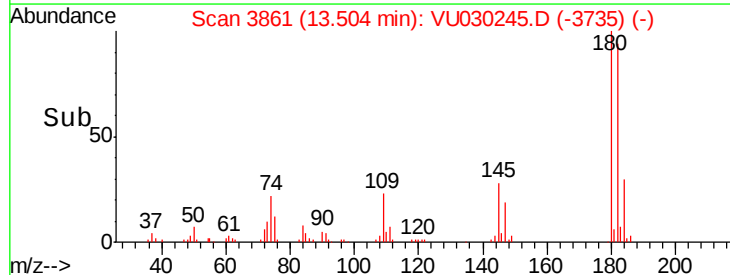
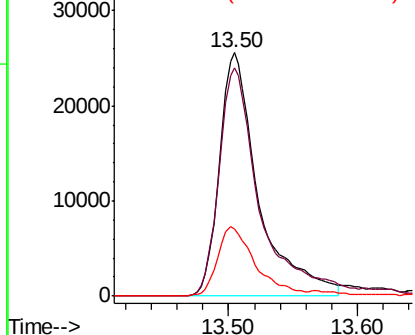


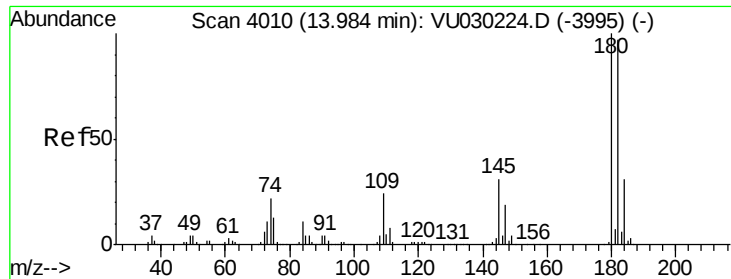
#68
 1,2,4-trichlorobenzene
 Concen: 7.346 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU030245.D
 Acq: 20 Mar 2019 23:58

Tgt Ion:180 Resp: 53982
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.4 114.6
 145 27.7 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.034 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU030245.D
 Acq: 20 Mar 2019 23:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D5

Tgt Ion	Resp	Lower	Upper
180	7930		
182	104.2	75.9	113.9
145	28.8	24.1	36.1

