

Data File : VU030152.D
Acq On : 16 Mar 2019 18:04
Operator : JC/SP
Sample : K1936-08
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W5

Quant Time: Mar 18 04:29:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	579167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129488	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.60%
7) Chloroethane-d5	1.76	69	357	0.12	ug/L	0.08
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.30	63	535	0.08	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.16%#
21) 2-Butanone-d5	4.19	46	251672	87.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.64	84	261661	38.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.16%
26) 1,2-Dichloroethane-d4	5.30	65	160942	40.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.08%
32) Benzene-d6	5.33	84	554487	36.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.70%
36) 1,2-Dichloropropane-d6	6.32	67	178331	38.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.40%
41) Toluene-d8	7.56	98	495296	34.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.36%#
43) trans-1,3-Dichloropropene-	7.85	79	80558	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
47) 2-Hexanone-d5	8.32	63	233400	89.35	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322208	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	246297	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%

Target Compounds

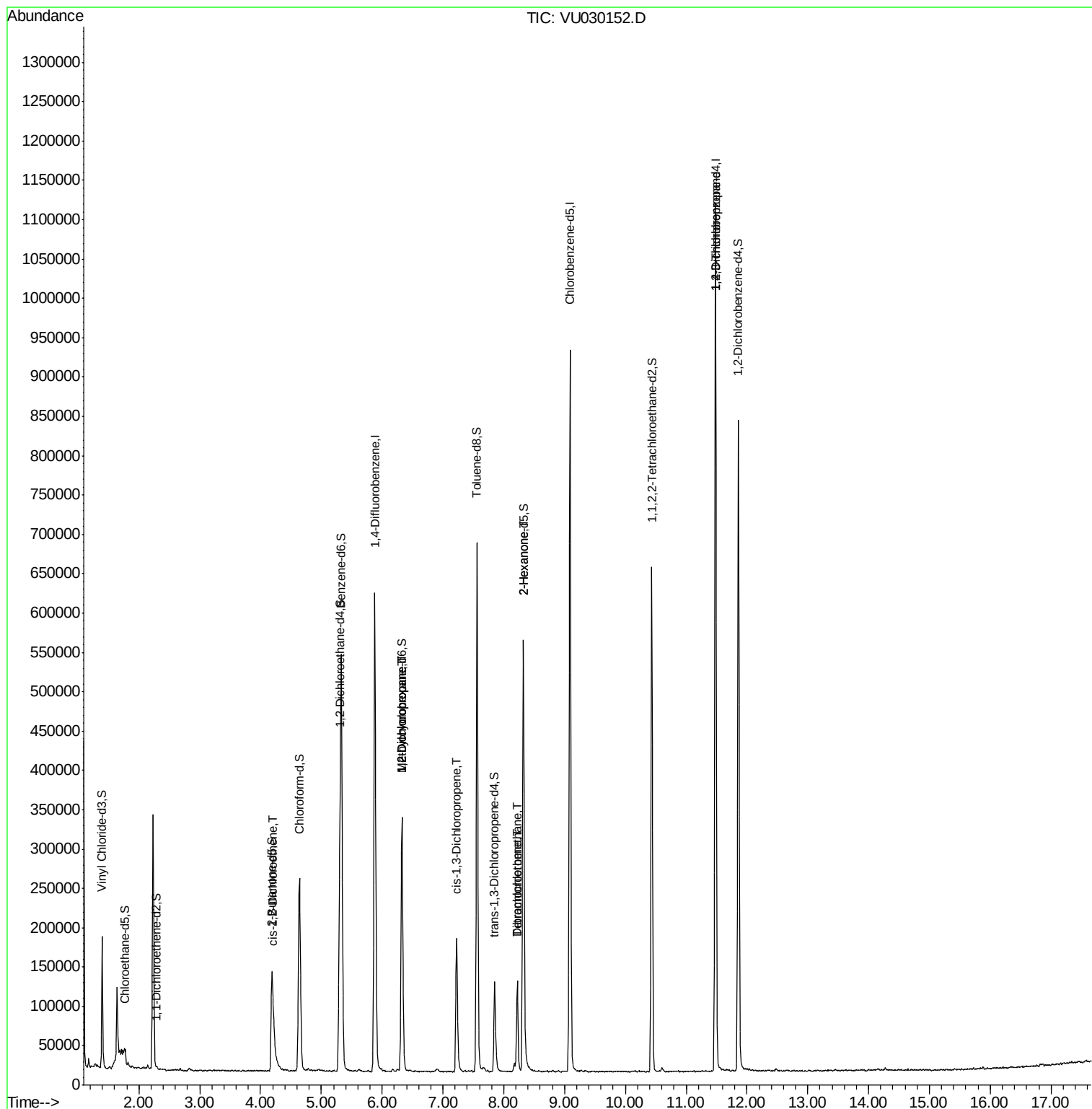
						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	3166	0.703	ug/L	93
35) Methylcyclohexane	6.32	83	39821	5.525	ug/L #	21
37) 1,2-Dichloropropane	6.32	63	17171	3.850	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3938	0.567	ug/L #	44
46) Tetrachloroethene	8.22	164	28662	7.369	ug/L	100
48) 2-Hexanone	8.32	43	22142	4.310	ug/L #	64
49) Dibromochloromethane	8.22	129	26255	5.268	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	31095	5.353	ug/L	93

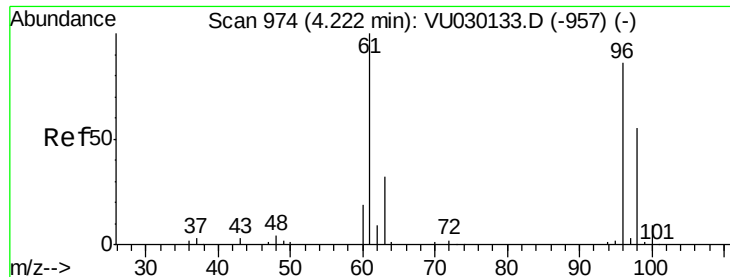
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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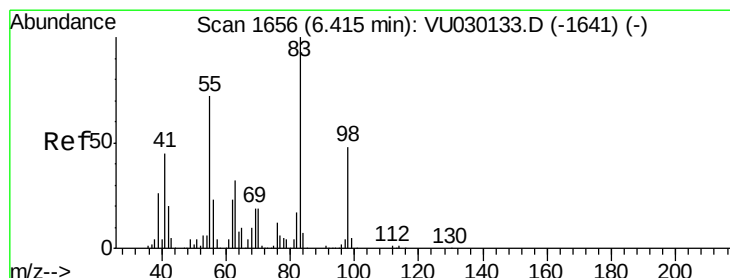
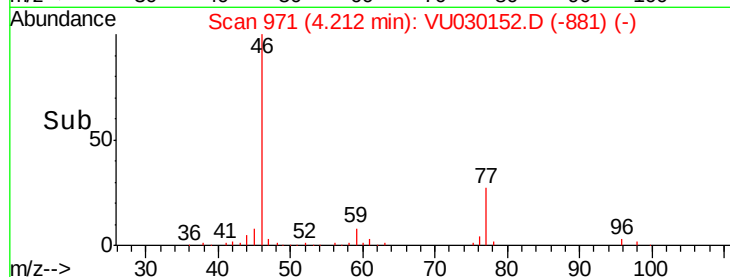
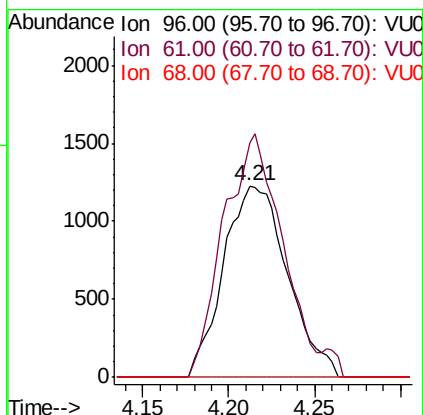
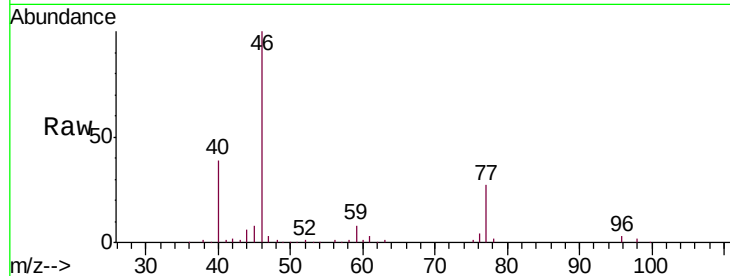




#20
 cis-1,2-Dichloroethene
 Concen: 0.703 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030152.D
 Acq: 16 Mar 2019 18:04

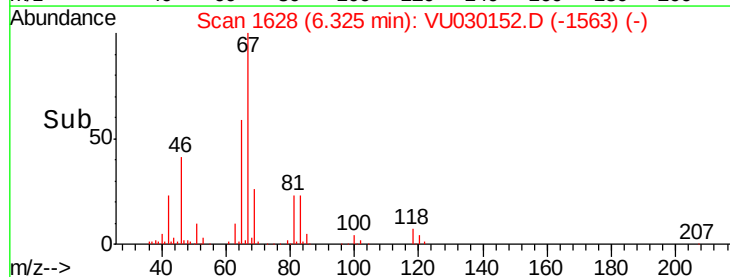
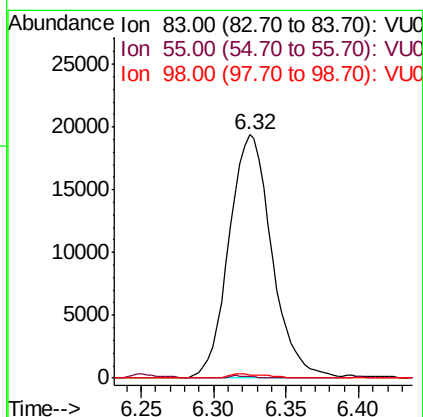
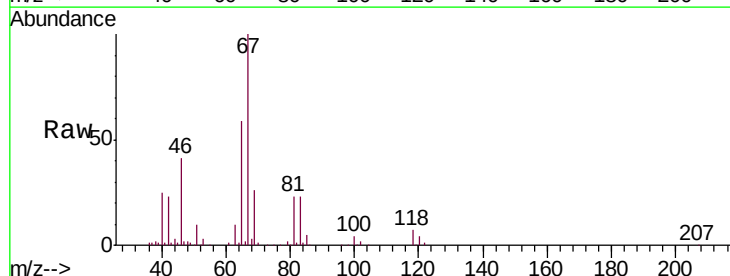
Instrument :
 MSVOA_U
 ClientSampled :
 BF0W5

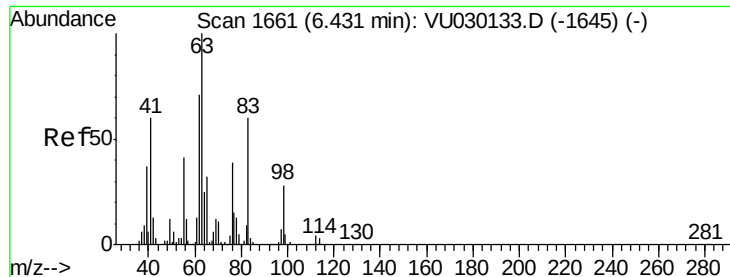
Tgt Ion: 96 Resp: 3166
 Ion Ratio Lower Upper
 96 100
 61 122.9 80.8 150.2
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 5.525 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU030152.D
 Acq: 16 Mar 2019 18:04

Tgt Ion: 83 Resp: 39821
 Ion Ratio Lower Upper
 83 100
 55 0.3 56.6 84.8#
 98 1.4 37.8 56.6#

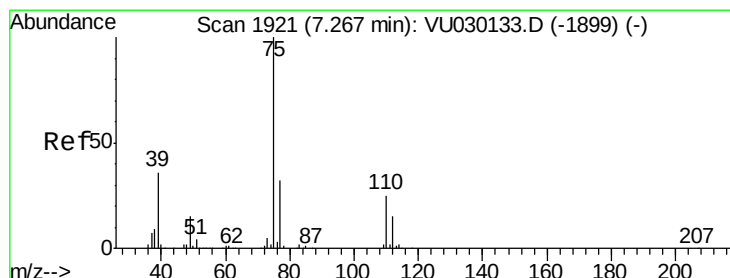
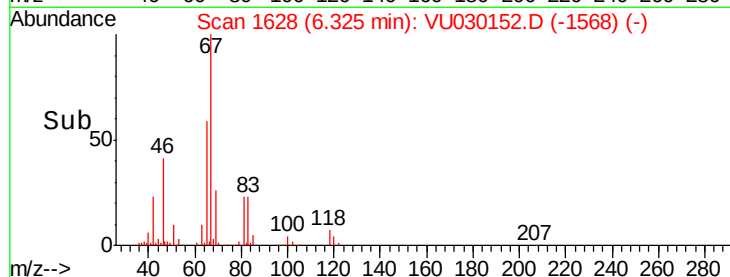
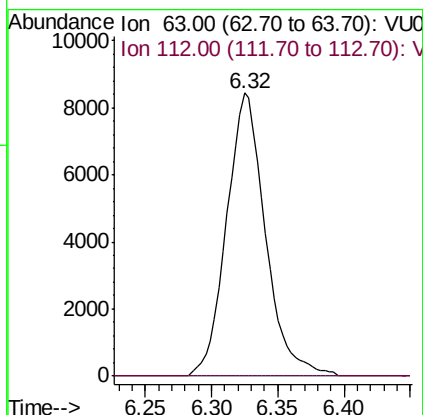
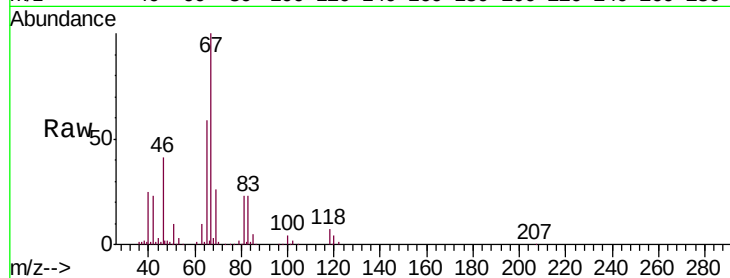




#37
 1,2-Dichloropropane
 Concen: 3.850 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU030152.D
 Acq: 16 Mar 2019 18:04

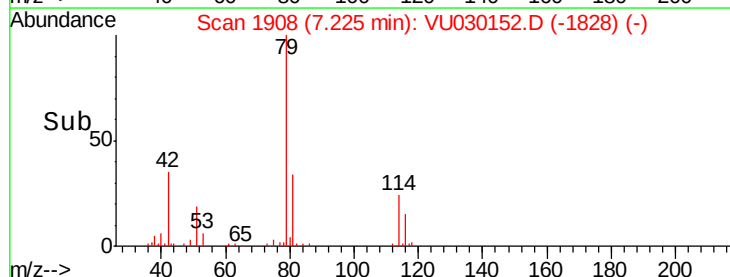
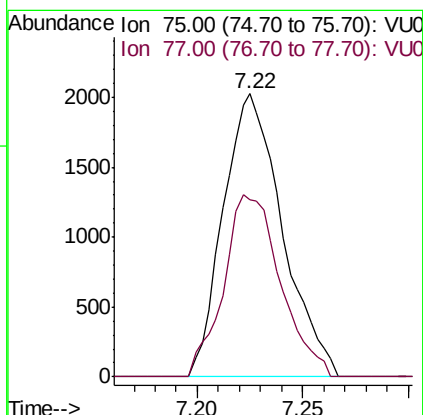
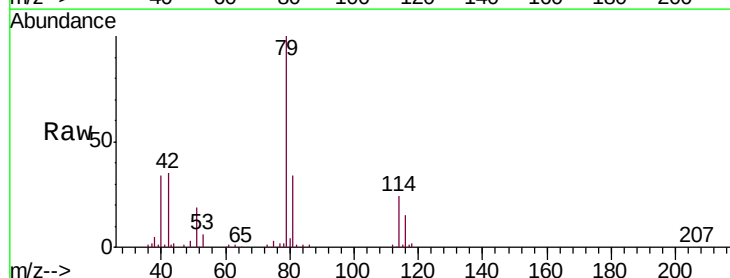
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W5

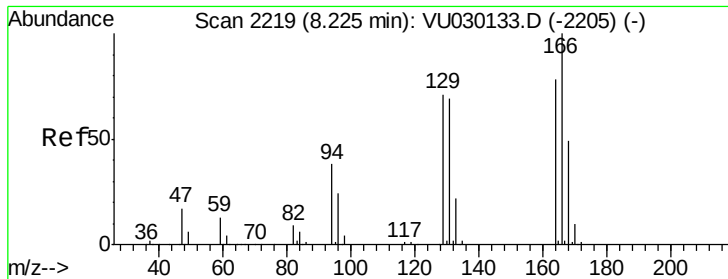
Tgt Ion: 63 Resp: 17171
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.567 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030152.D
 Acq: 16 Mar 2019 18:04

Tgt Ion: 75 Resp: 3938
 Ion Ratio Lower Upper
 75 100
 77 62.6 22.2 41.2#





#46

Tetrachloroethene

Concen: 7.369 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030152.D

Acq: 16 Mar 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

BF0W5

Tgt Ion:164 Resp: 28662

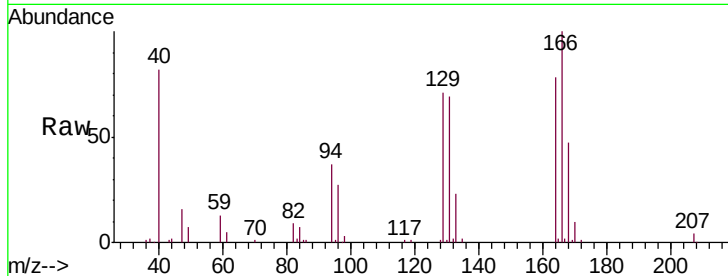
Ion Ratio Lower Upper

164 100

129 91.5 63.3 117.7

131 88.6 62.0 115.2

166 128.9 90.5 168.1

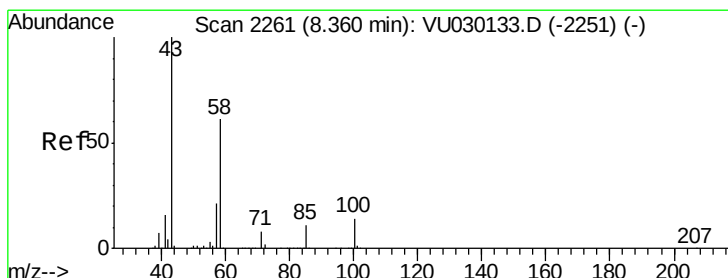
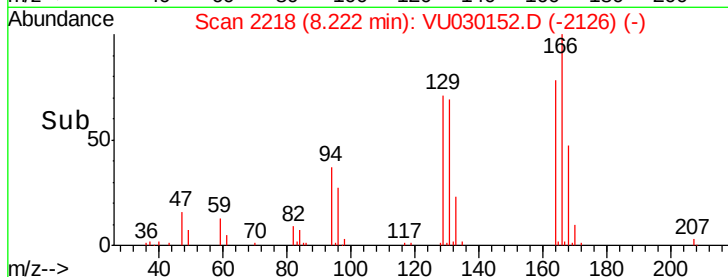
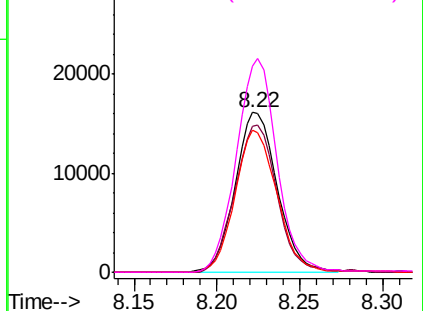


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.310 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

Lab File: VU030152.D

Acq: 16 Mar 2019 18:04

Tgt Ion: 43 Resp: 22142

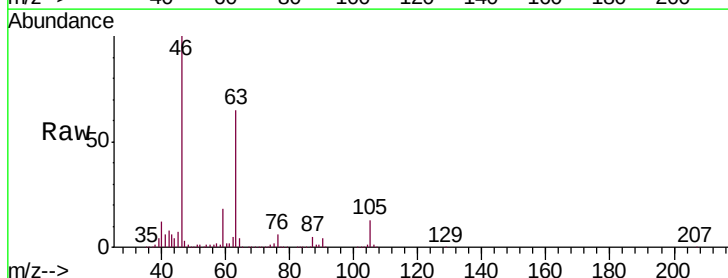
Ion Ratio Lower Upper

43 100

58 28.1 48.6 72.8#

57 28.0 16.1 24.1#

100 0.0 11.6 17.4#

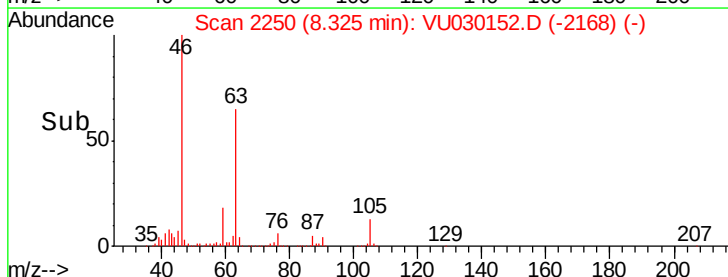
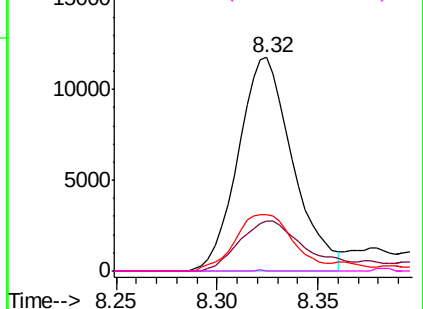


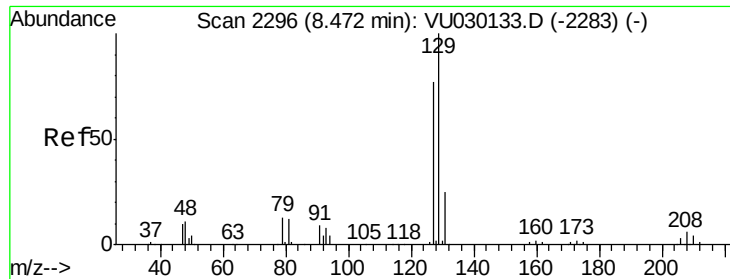
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 5.268 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU030152.D

Acq: 16 Mar 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

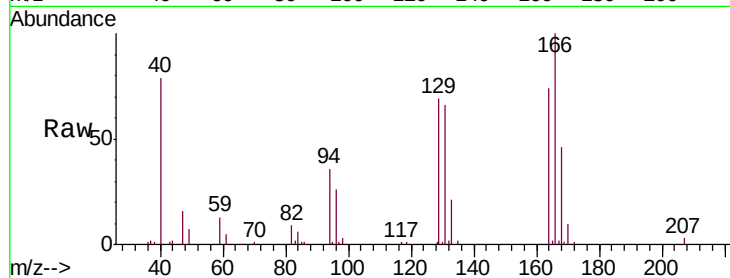
BF0W5

Tgt Ion:129 Resp: 26255

Ion Ratio Lower Upper

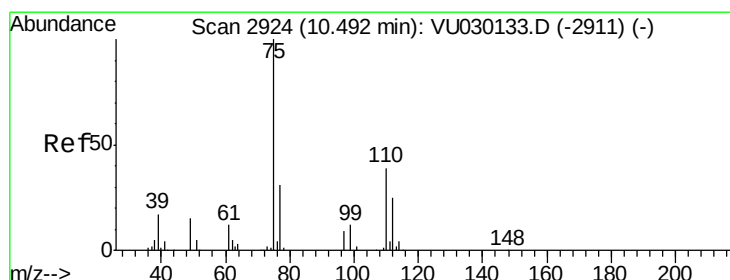
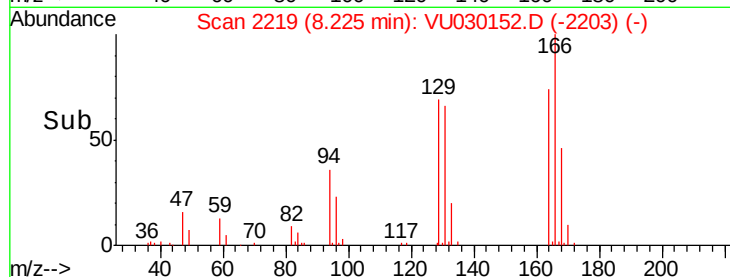
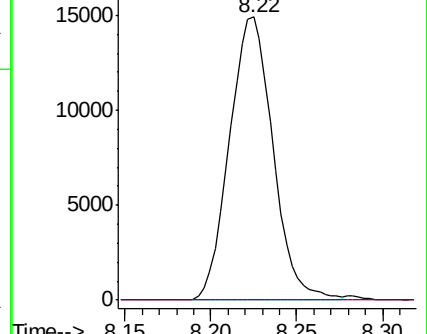
129 100

127 0.0 55.2 102.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.353 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030152.D

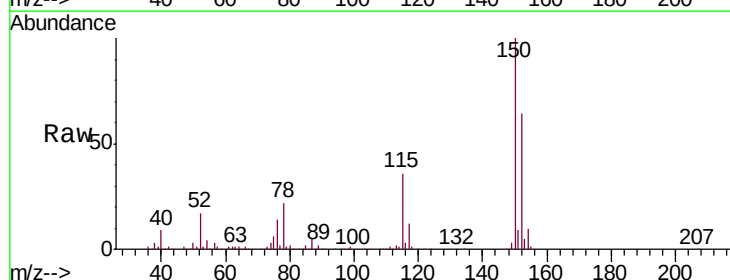
Acq: 16 Mar 2019 18:04

Tgt Ion: 75 Resp: 31095

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

