

Data File : VU030906.D
Acq On : 08 Apr 2019 15:24
Operator : JC/SP
Sample : K2277-21ME
Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2R5ME

Quant Time: Apr 09 02:21:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1117122	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1108967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	511012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	352529	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.70%
7) Chloroethane-d5	1.64	69	304544	40.24	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.48%
11) 1,1-Dichloroethene-d2	2.24	63	548458	30.41	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.82%
21) 2-Butanone-d5	4.17	46	813361	102.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.91%
24) Chloroform-d	4.64	84	680545	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.30	65	503107	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.33	84	1424485	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.32	67	501073	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.32%
41) Toluene-d8	7.56	98	1253312	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.85	79	230593	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.31	63	574541	113.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	768044	51.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	497193	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

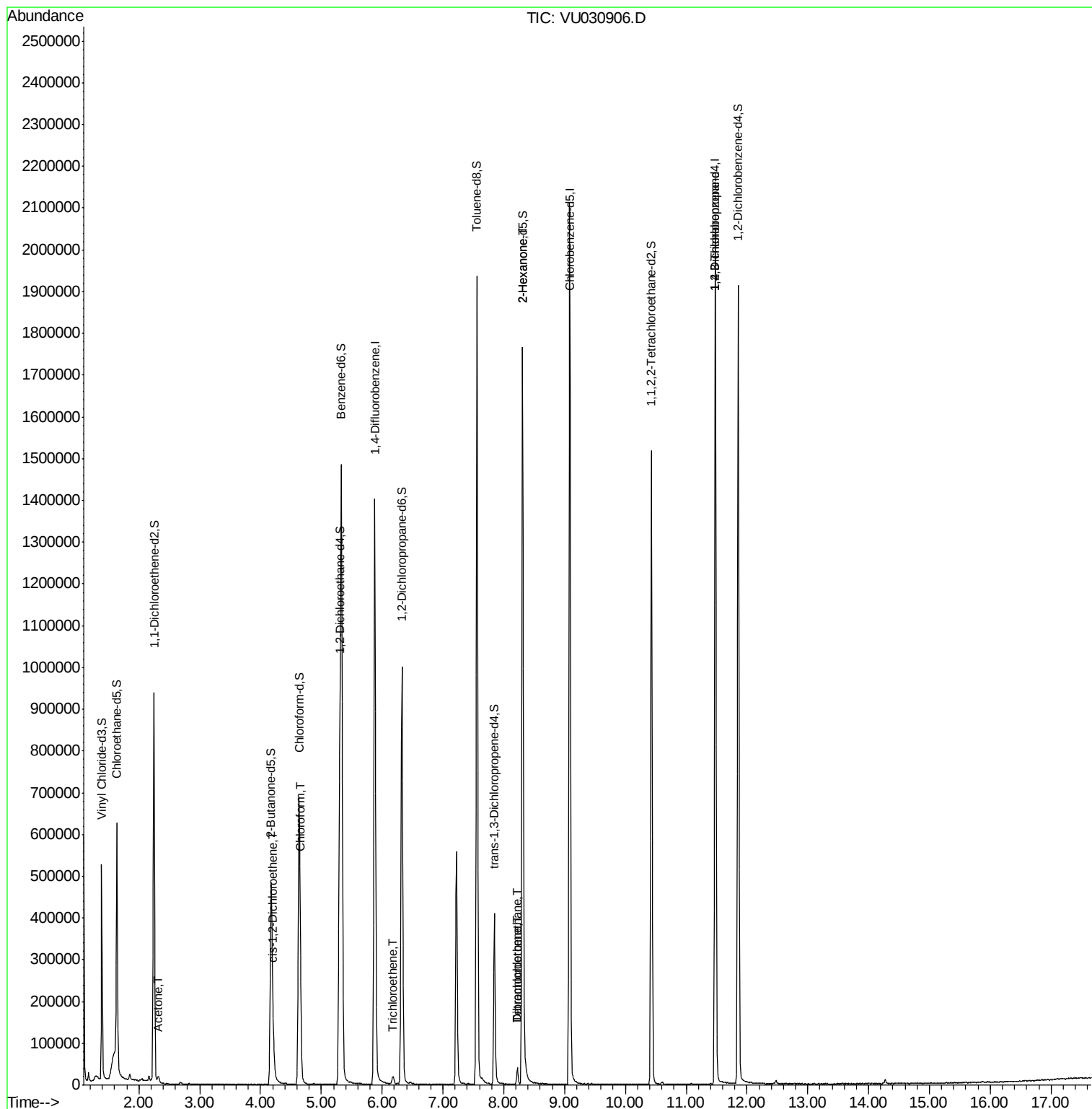
					Qvalue
13) Acetone	2.33	43	14916	1.844 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	7019	0.775 ug/L	83
25) Chloroform	4.66	83	44405	2.611 ug/L	89
34) Trichloroethene	6.18	95	4309	0.484 ug/L	89
46) Tetrachloroethene	8.22	164	8712	1.346 ug/L	98
48) 2-Hexanone	8.31	43	77763	6.032 ug/L #	73
49) Dibromochloromethane	8.22	129	8374	0.906 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	65184	5.296 ug/L	92

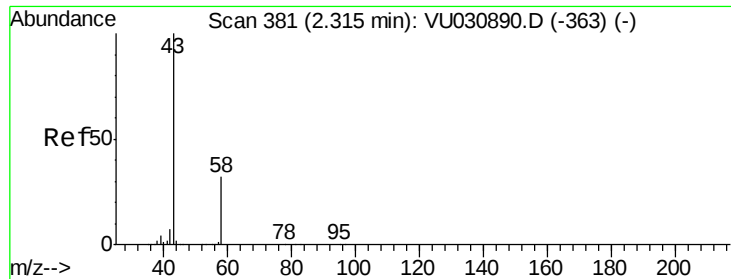
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 1.844 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU030906.D

Acq: 08 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

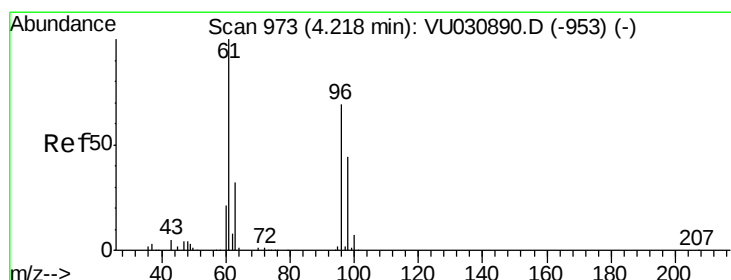
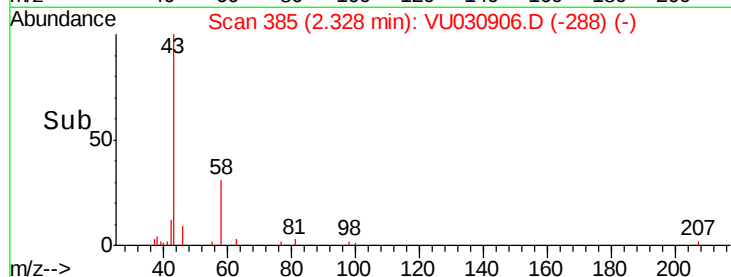
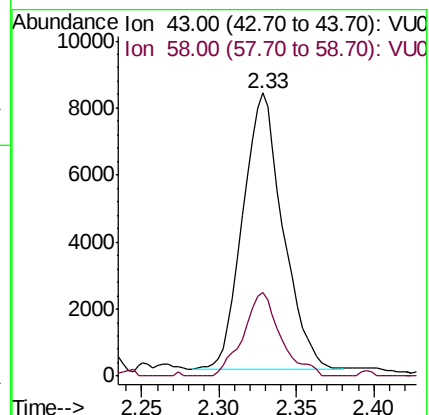
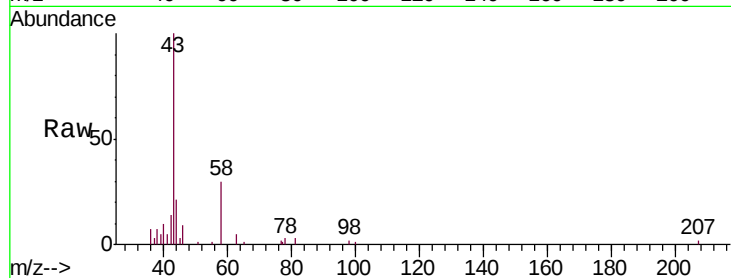
BF2R5ME

Tgt Ion: 43 Resp: 14916

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.0



#20

cis-1,2-Dichloroethene

Concen: 0.775 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU030906.D

Acq: 08 Apr 2019 15:24

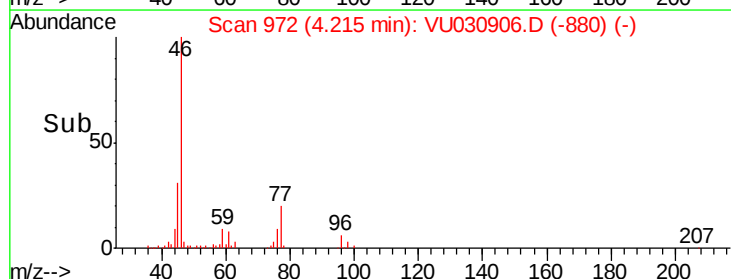
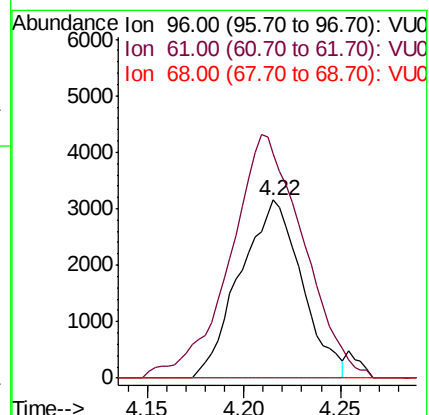
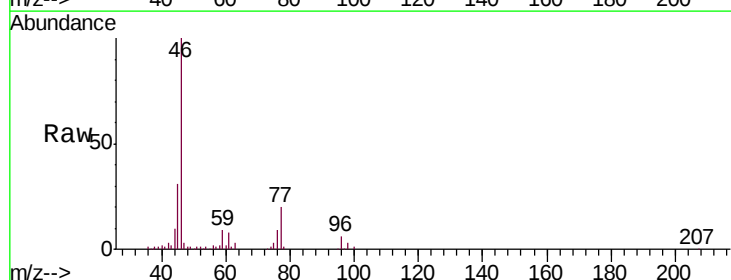
Tgt Ion: 96 Resp: 7019

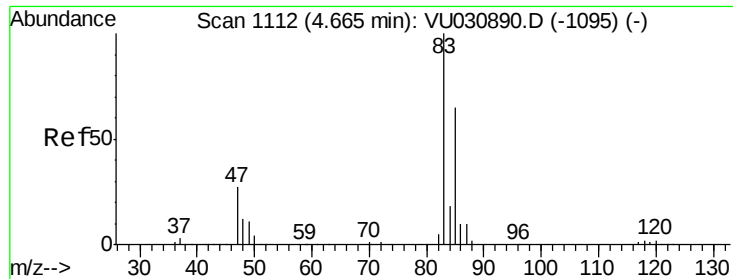
Ion Ratio Lower Upper

96 100

61 126.0 102.9 191.1

68 0.0 0.0 0.0

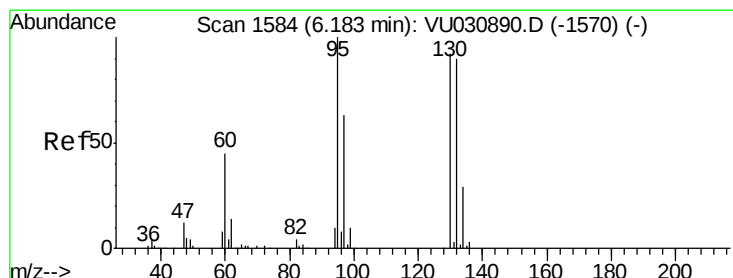
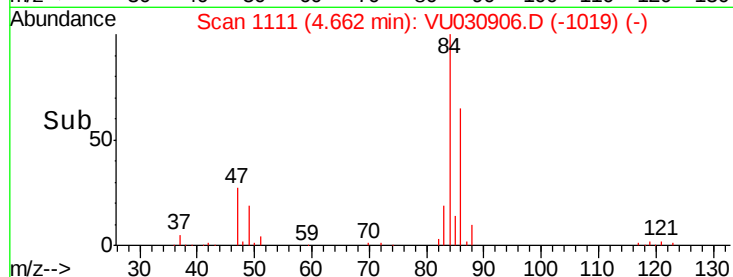
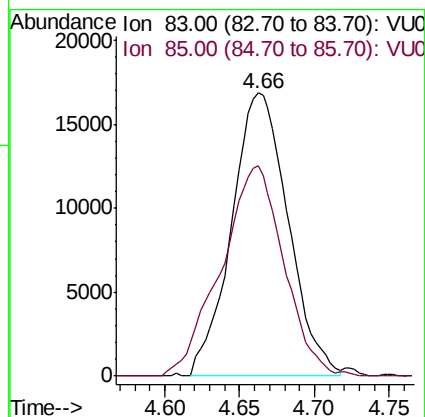
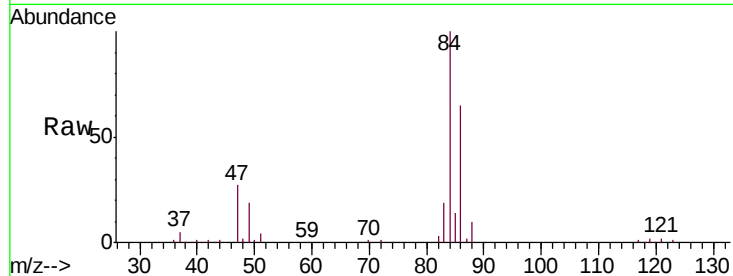




#25
Chloroform
Concen: 2.611 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU030906.D
Acq: 08 Apr 2019 15:24

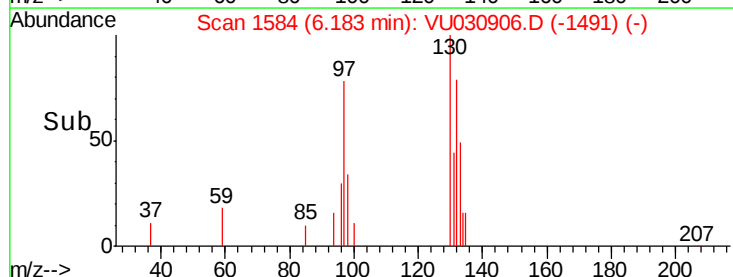
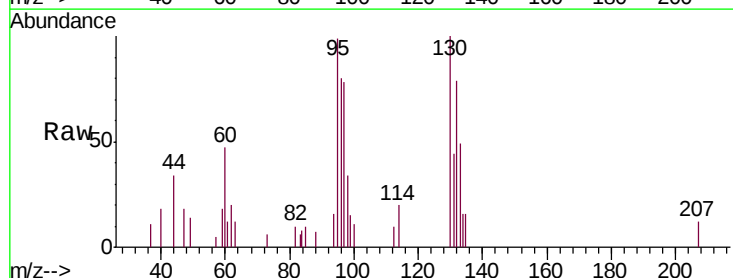
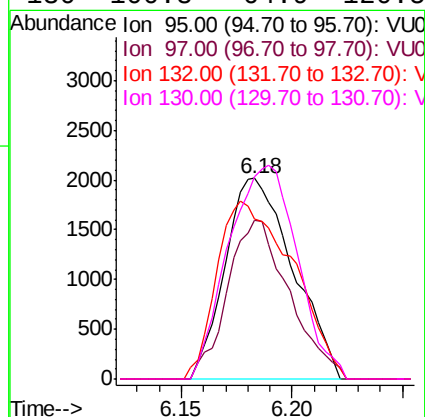
Instrument :
MSVOA_U
ClientSampleId :
BF2R5ME

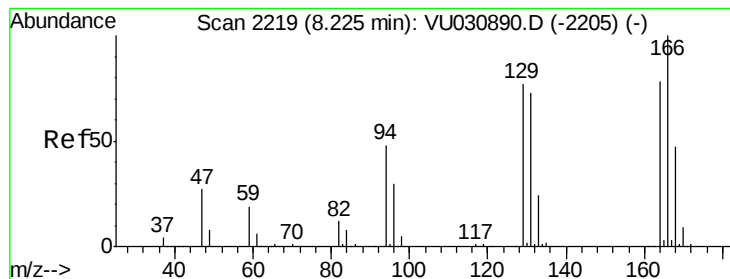
Tgt Ion: 83 Resp: 44405
Ion Ratio Lower Upper
83 100
85 74.1 45.8 85.0



#34
Trichloroethene
Concen: 0.484 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030906.D
Acq: 08 Apr 2019 15:24

Tgt Ion: 95 Resp: 4309
Ion Ratio Lower Upper
95 100
97 79.0 44.5 82.7
132 79.8 61.5 114.1
130 100.8 64.9 120.5





#46

Tetrachloroethene

Concen: 1.346 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030906.D

Acq: 08 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

BF2R5ME

Tgt Ion:164 Resp: 8712

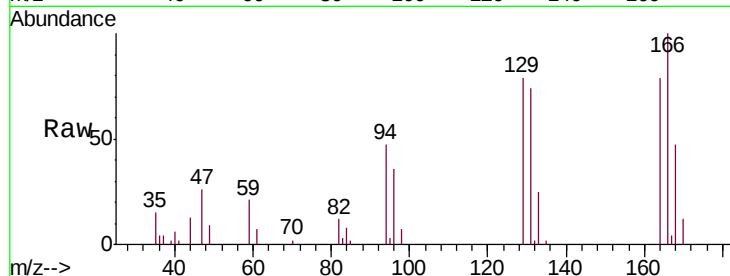
Ion Ratio Lower Upper

164 100

129 101.0 67.4 125.2

131 94.0 65.9 122.5

166 127.0 88.6 164.6

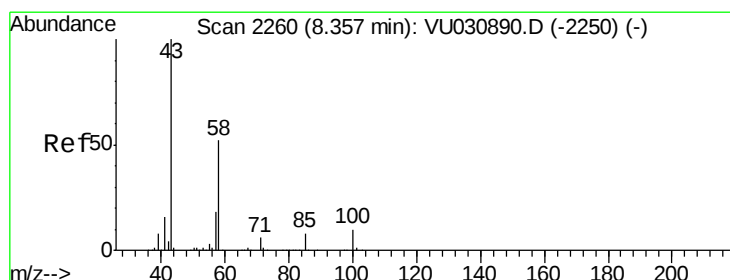
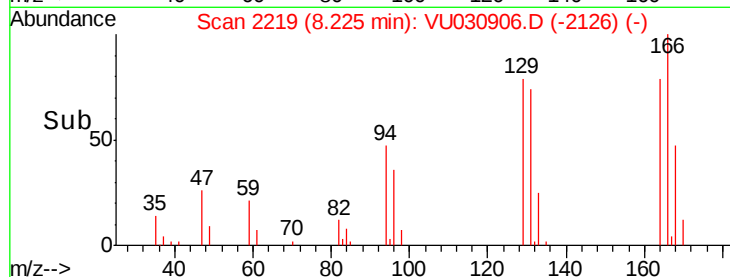
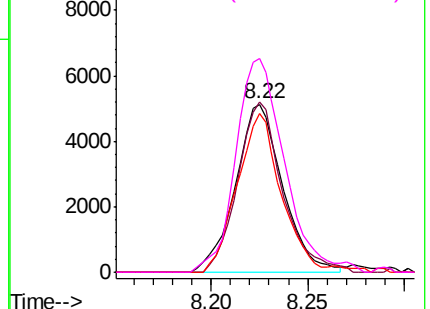


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.032 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030906.D

Acq: 08 Apr 2019 15:24

Tgt Ion: 43 Resp: 77763

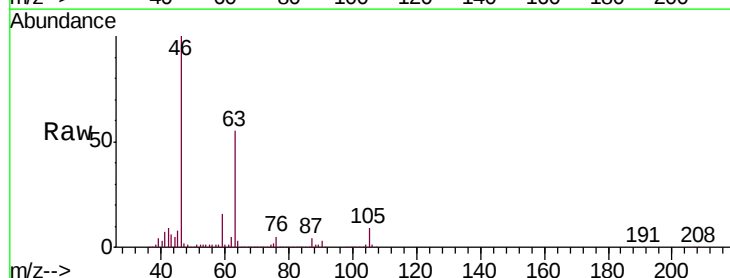
Ion Ratio Lower Upper

43 100

58 29.8 41.9 62.9#

57 24.2 14.3 21.5#

100 0.4 7.1 10.7#

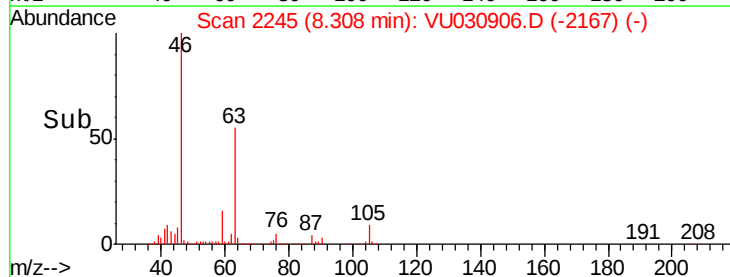
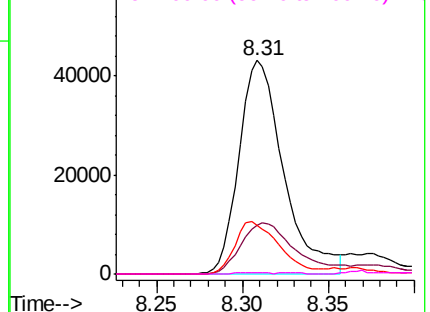


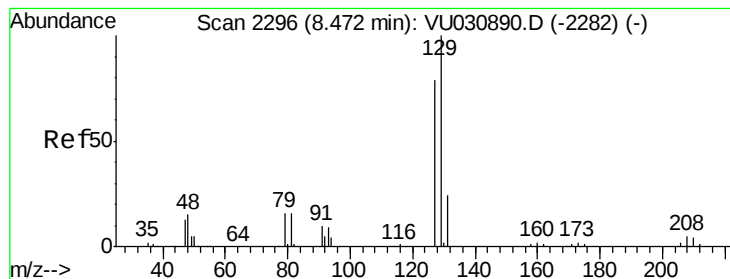
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 0.906 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU030906.D

Acq: 08 Apr 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

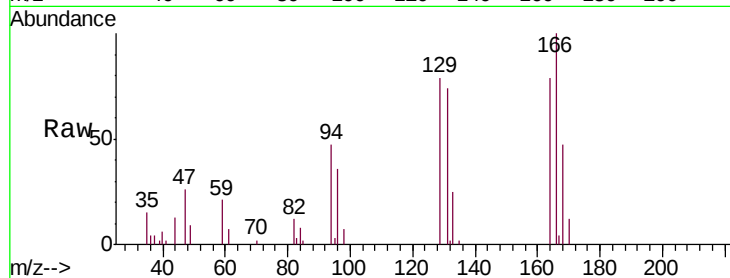
BF2R5ME

Tgt Ion:129 Resp: 8374

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.22

6000

5000

4000

3000

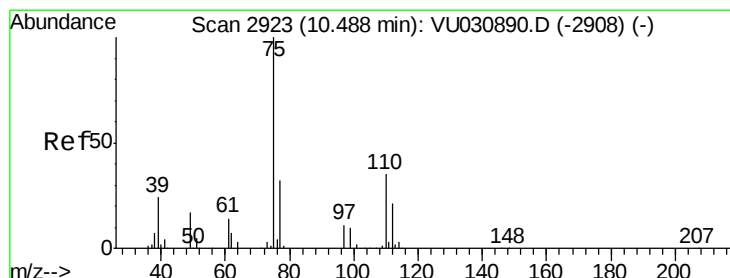
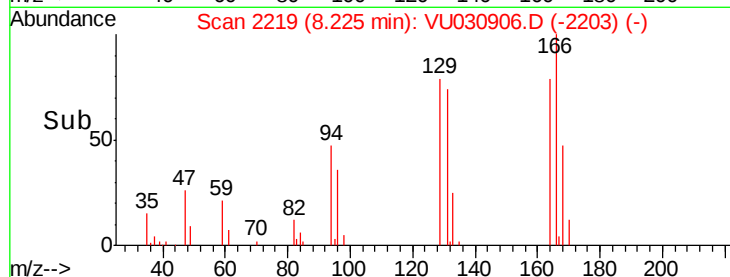
2000

1000

0

8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.296 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030906.D

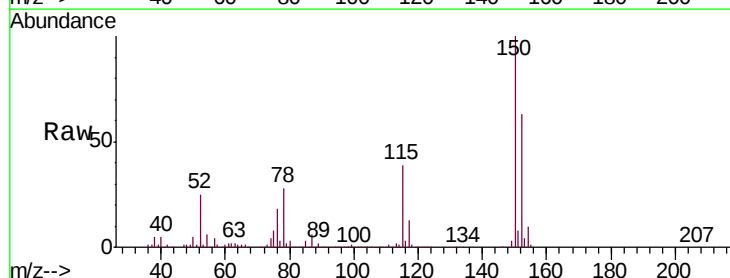
Acq: 08 Apr 2019 15:24

Tgt Ion: 75 Resp: 65184

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

50000

40000

30000

20000

10000

0

11.40 11.45 11.50 11.55

Time-->

