

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031055.D
 Acq On : 11 Apr 2019 09:34
 Operator : JC/SP
 Sample : K2340-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R2

Quant Time: Apr 12 03:11:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194743	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	162093	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.26%
11) 1,1-Dichloroethene-d2	2.27	63	274610	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.17	46	348456	101.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	4.64	84	334320	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
26) 1,2-Dichloroethane-d4	5.30	65	235222	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
32) Benzene-d6	5.33	84	682586	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.32	67	233656	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	584810	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.85	79	102461	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.31	63	208502	94.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327423	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	217930	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

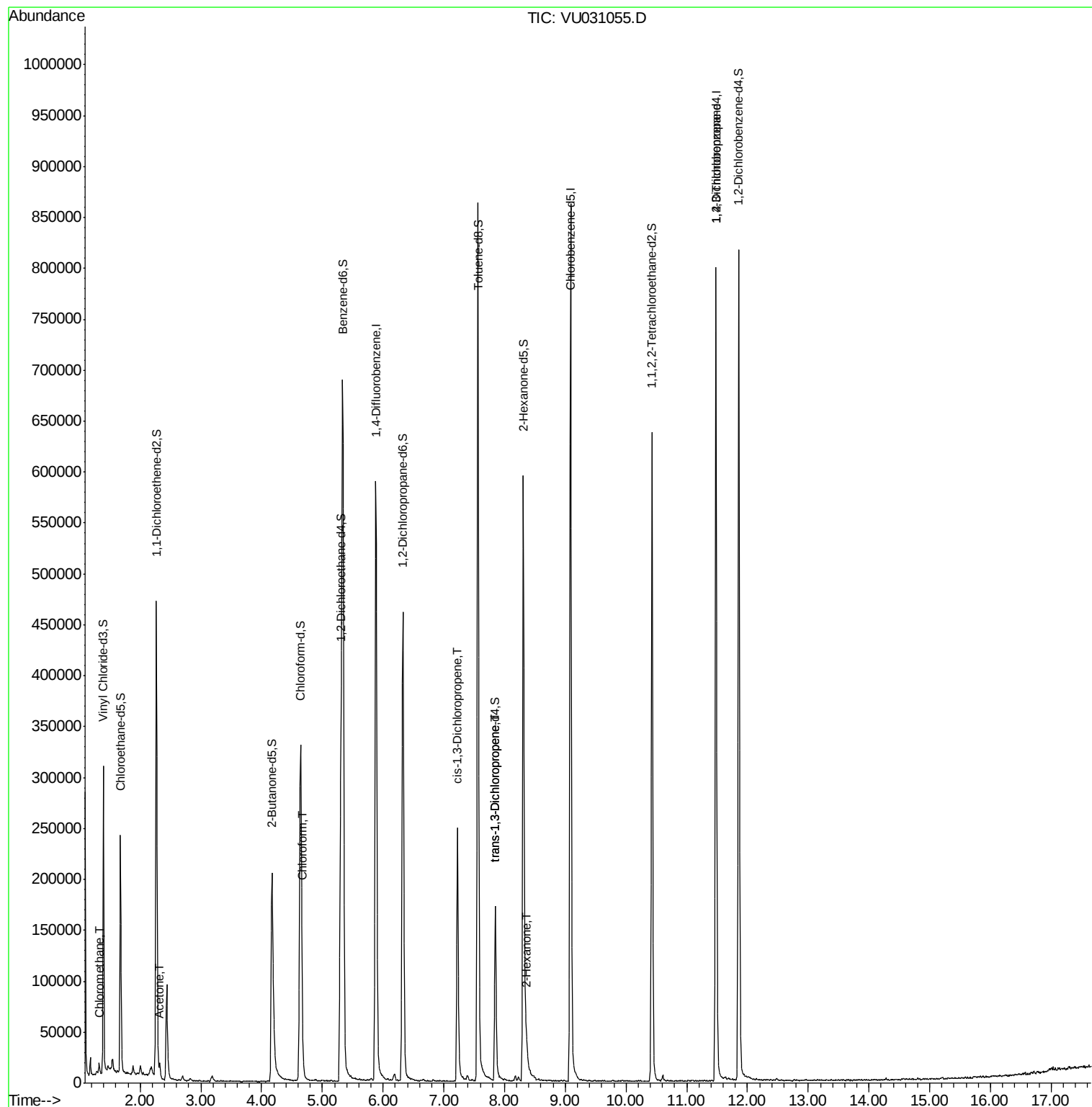
					Ovalue
3) Chloromethane	1.32	50	5828	1.053 ug/L	89
13) Acetone	2.32	43	12638	3.585 ug/L	92
25) Chloroform	4.67	83	15188	2.049 ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	6001	0.942 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	4178	0.744 ug/L #	76
48) 2-Hexanone	8.37	43	14087	2.508 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	28189	5.258 ug/L	97

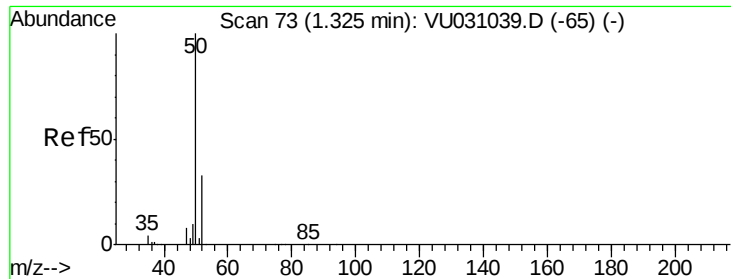
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.053 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031055.D

Acq: 11 Apr 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

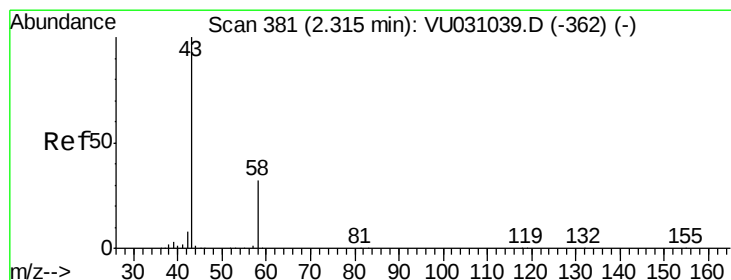
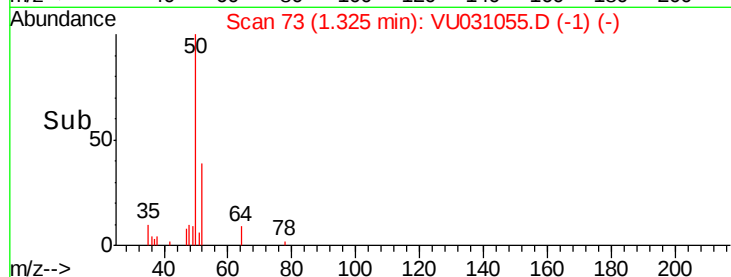
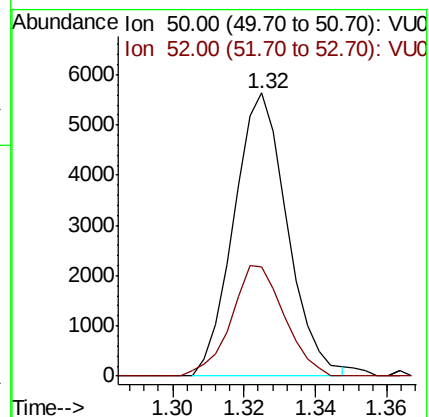
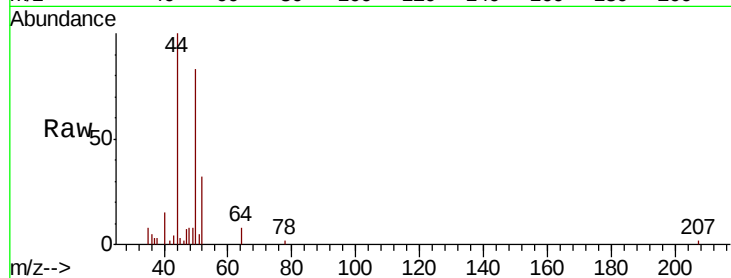
BF2R2

Tot Ion: 50 Resp: 5828

Ion Ratio Lower Upper

50 100

52 38.6 22.7 42.1



#13

Acetone

Concen: 3.585 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031055.D

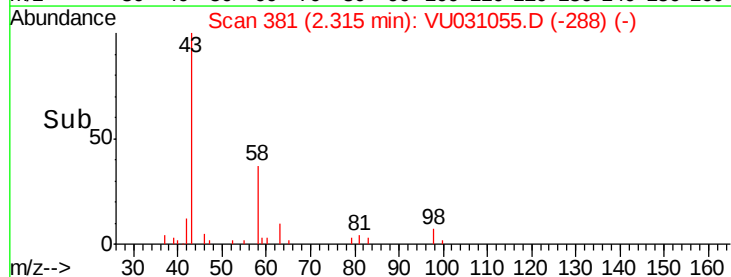
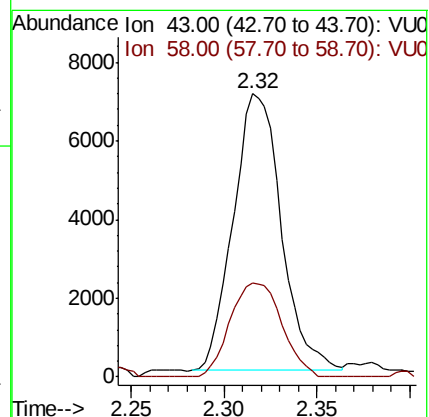
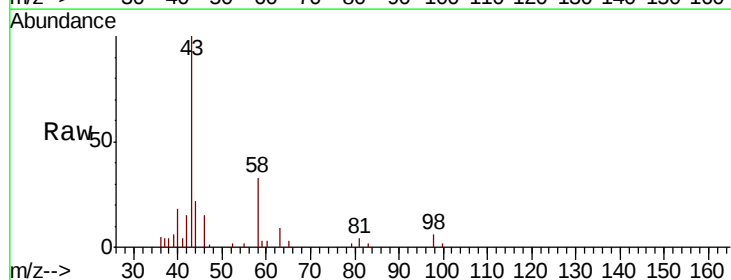
Acq: 11 Apr 2019 09:34

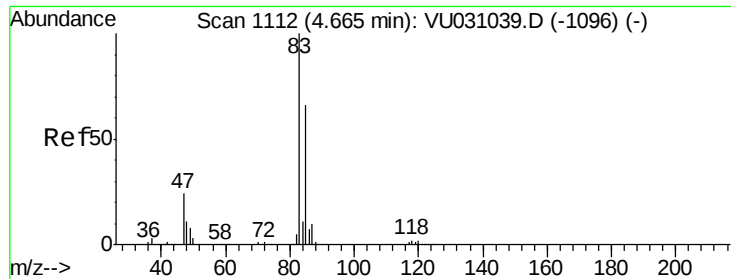
Tgt Ion: 43 Resp: 12638

Ion Ratio Lower Upper

43 100

58 36.4 0.0 64.0

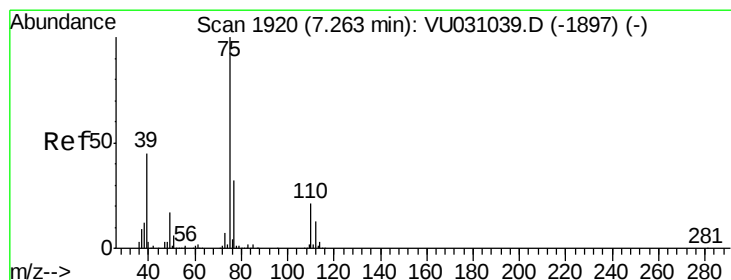
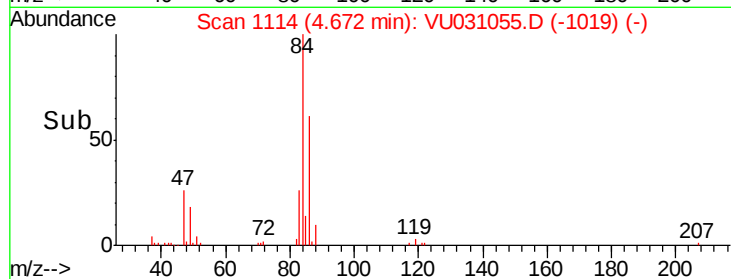
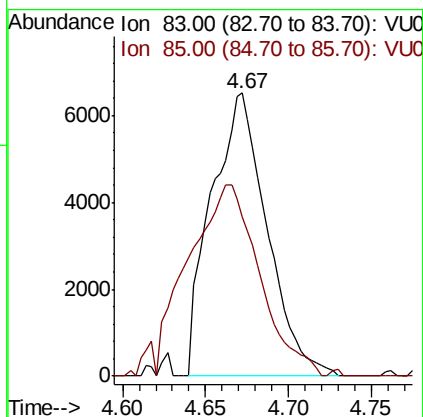
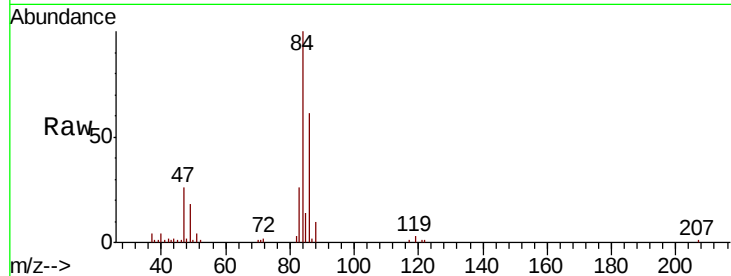




#25
Chloroform
Concen: 2.049 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031055.D
Acq: 11 Apr 2019 09:34

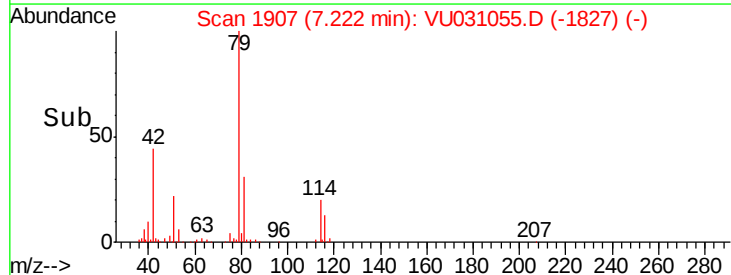
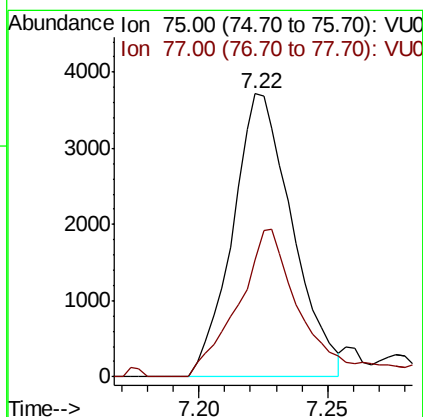
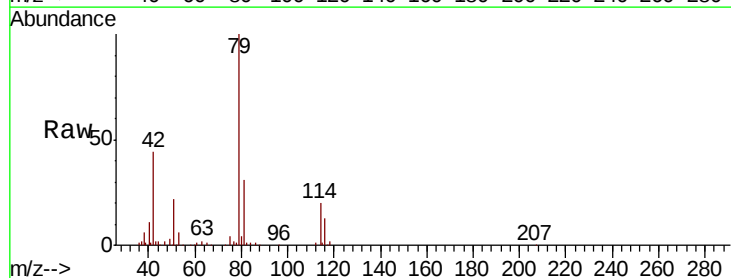
Instrument :
MSVOA_U
ClientSampleId :
BF2R2

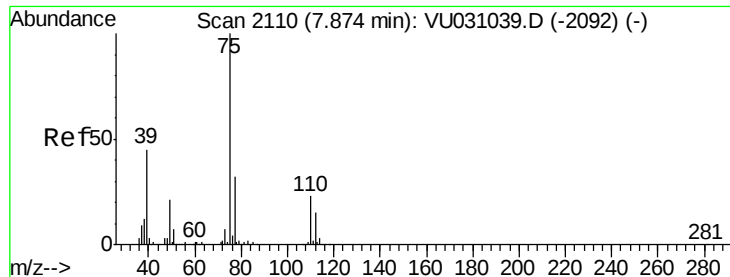
Tot Ion: 83 Resp: 15188
Ion Ratio Lower Upper
83 100
85 56.2 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.942 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031055.D
Acq: 11 Apr 2019 09:34

Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
77 41.3 23.1 42.9





#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031055.D

Acq: 11 Apr 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

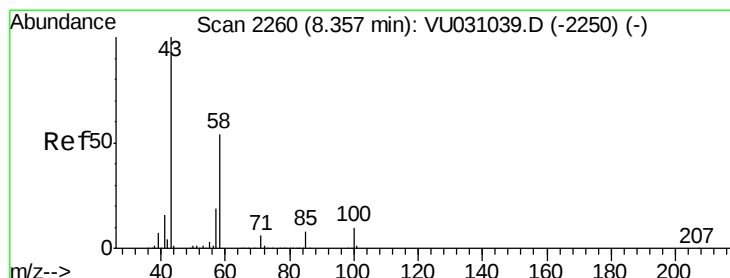
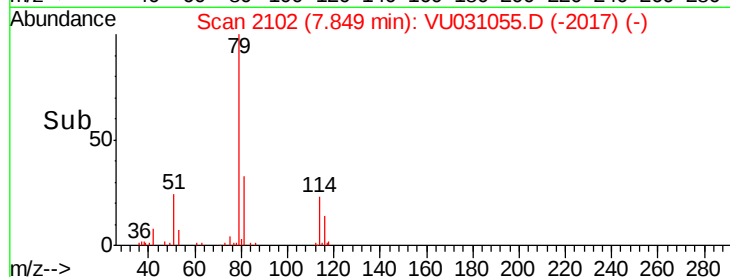
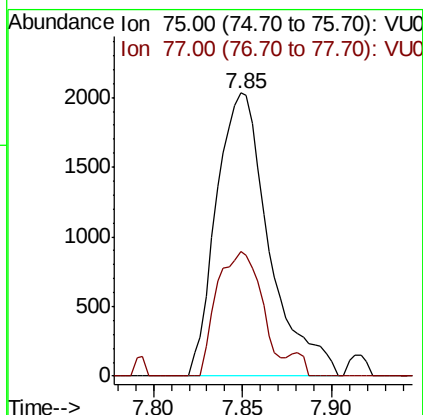
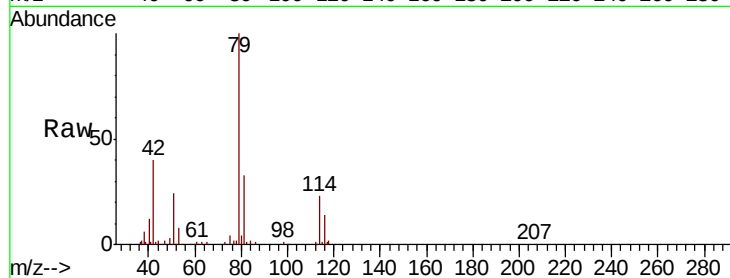
BF2R2

Tot Ion: 75 Resp: 4178

Ion Ratio Lower Upper

75 100

77 44.2 21.6 40.0#



#48

2-Hexanone

Concen: 2.508 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031055.D

Acq: 11 Apr 2019 09:34

Tgt Ion: 43 Resp: 14087

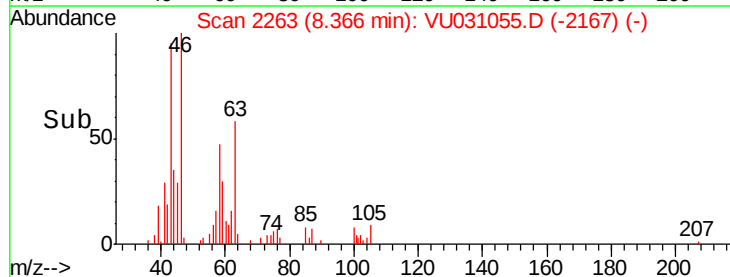
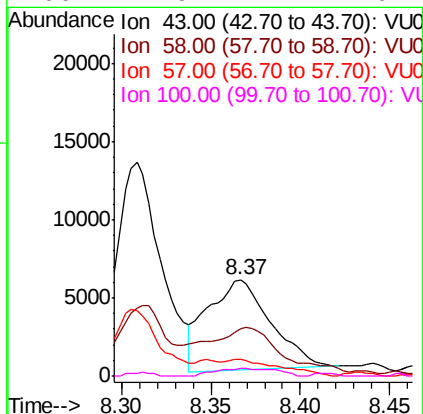
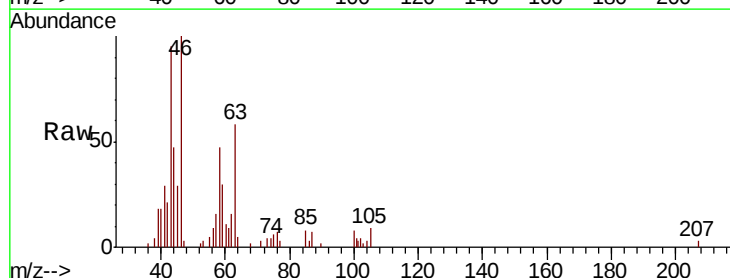
Ion Ratio Lower Upper

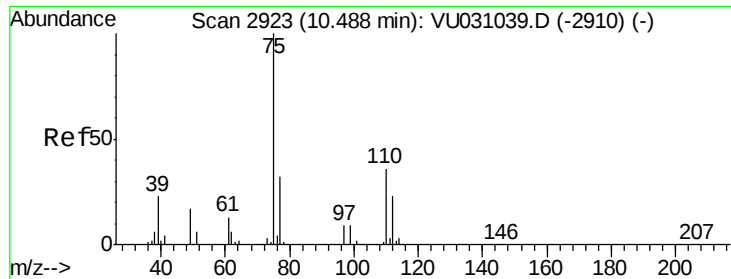
43 100

58 25.7 41.9 62.9#

57 15.0 14.3 21.5

100 4.9 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.258 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031055.D

Acq: 11 Apr 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

BF2R2

Tot Ion: 75 Resp: 28189

Ion Ratio Lower Upper

75 100

77 34.2 26.1 39.1

