

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031076.D
 Acq On : 11 Apr 2019 18:08
 Operator : JC/SP
 Sample : K2339-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC74

Quant Time: Apr 12 04:49:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152844	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.80%
7) Chloroethane-d5	1.68	69	134614	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.27	63	227313	30.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.68%
21) 2-Butanone-d5	4.17	46	332795	101.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	4.64	84	308241	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.30	65	216548	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.33	84	602986	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.32	67	214399	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.56	98	501768	42.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.85	79	93656	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.31	63	191915	91.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	314189	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	200748	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

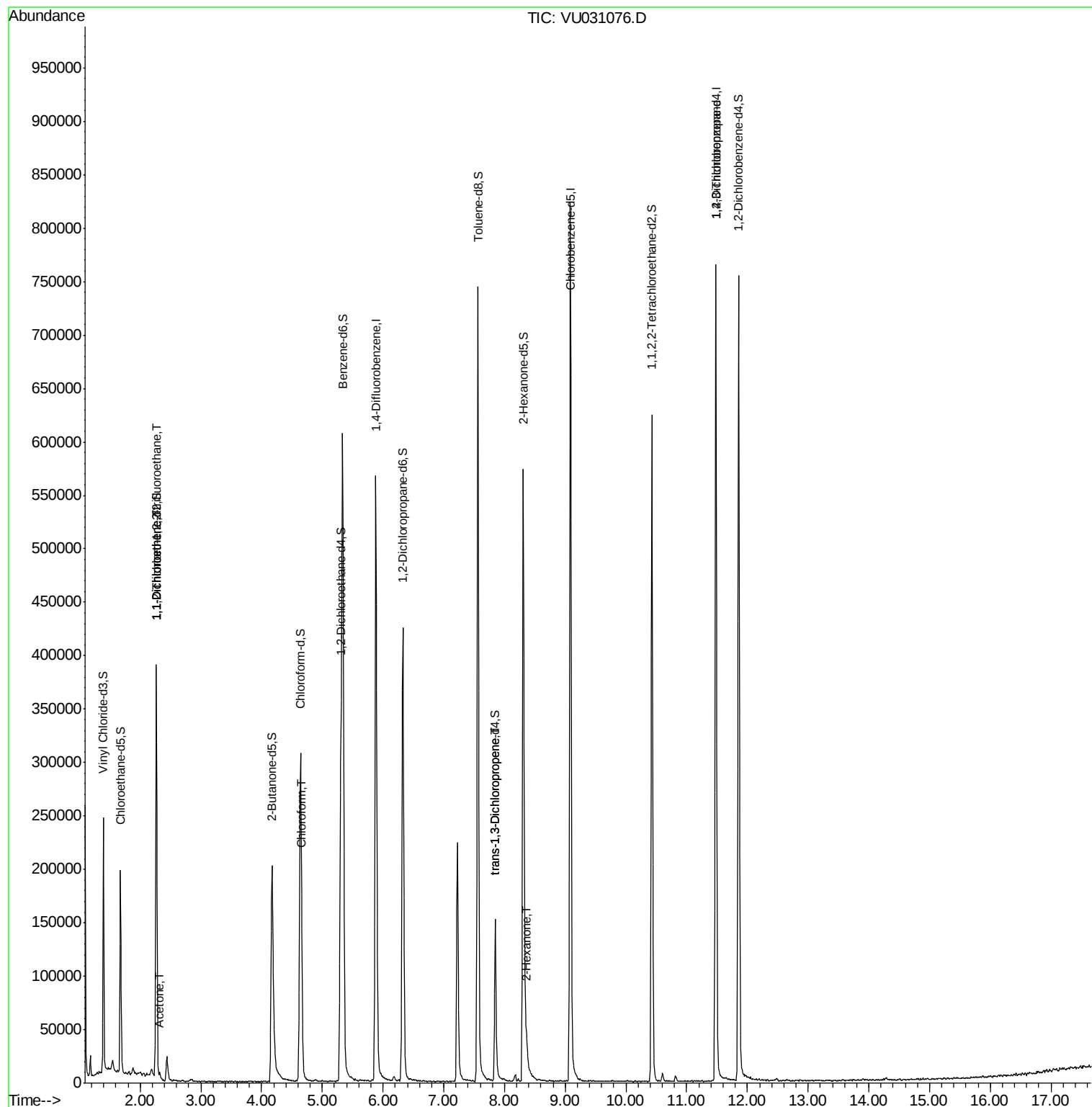
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1958	0.589 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1770	0.552 ug/L #	1
13) Acetone	2.32	43	3423	1.019 ug/L	96
25) Chloroform	4.67	83	12575	1.780 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3652	0.685 ug/L	98
48) 2-Hexanone	8.36	43	11697	2.195 ug/L #	53
59) 1,2,3-Trichloropropane	11.48	75	23466	4.612 ug/L #	84

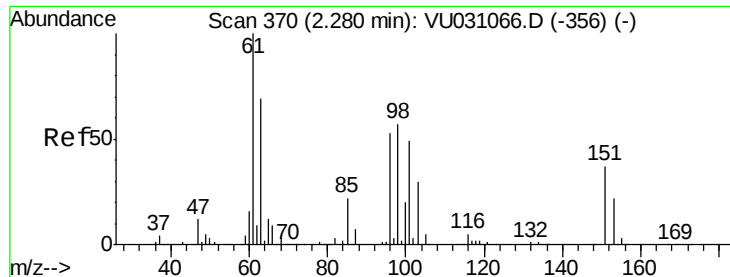
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.589 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

Instrument :

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ClientSampleId :

BFC74

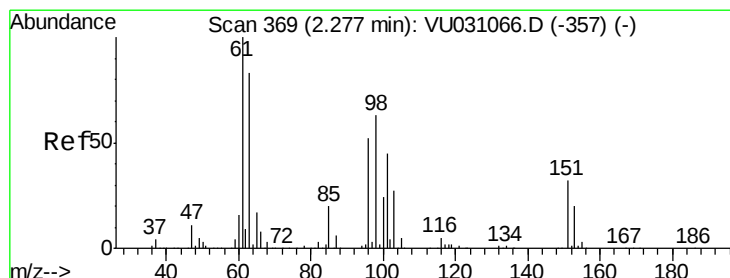
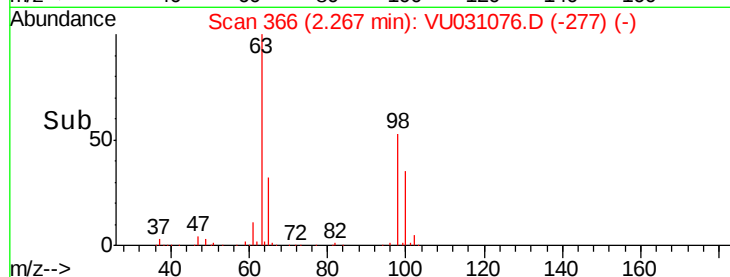
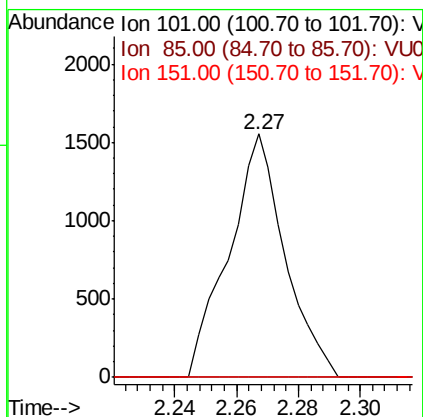
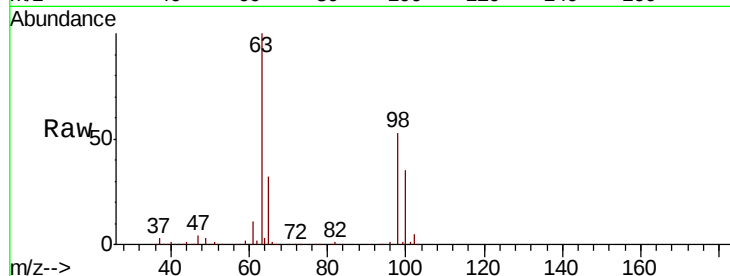
Tot Ion:101 Resp: 1958

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.552 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

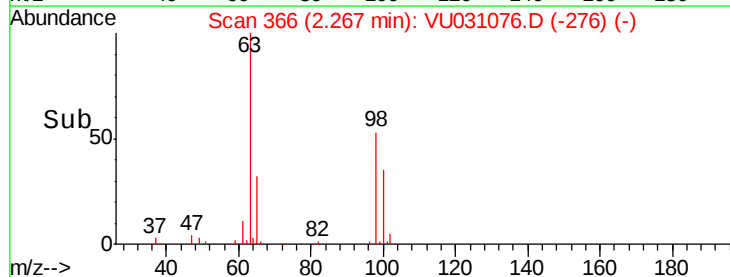
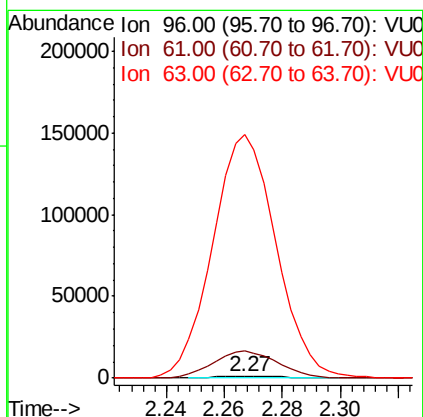
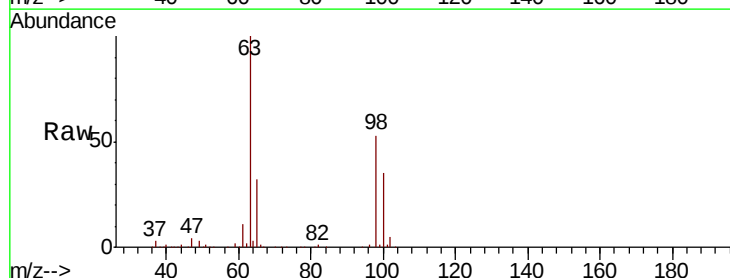
Tgt Ion: 96 Resp: 1770

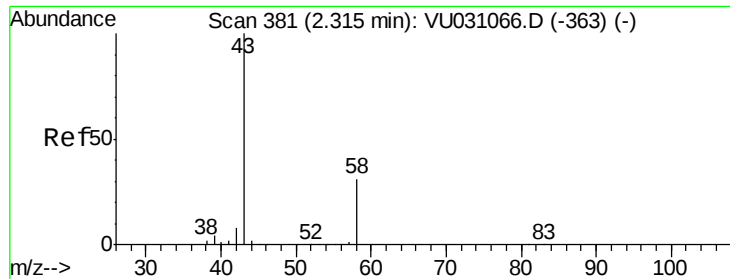
Ion Ratio Lower Upper

96 100

61 1614.6 132.0 245.2#

63 14722.5 90.9 168.9#





#13

Acetone

Concen: 1.019 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

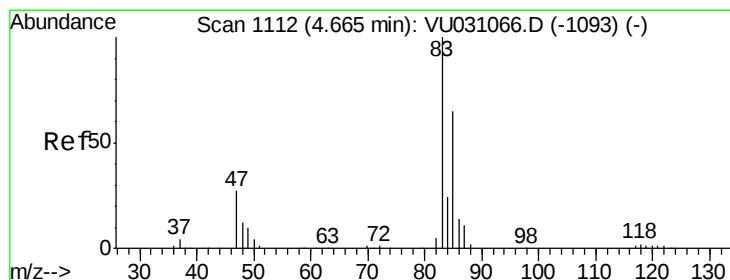
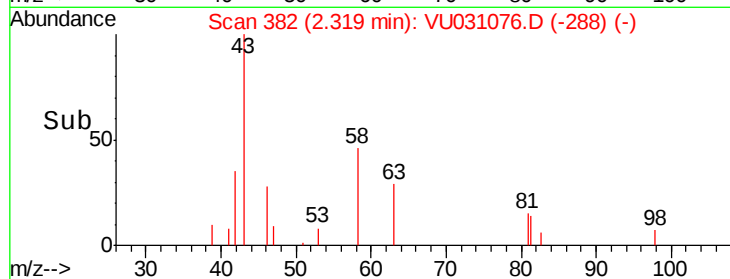
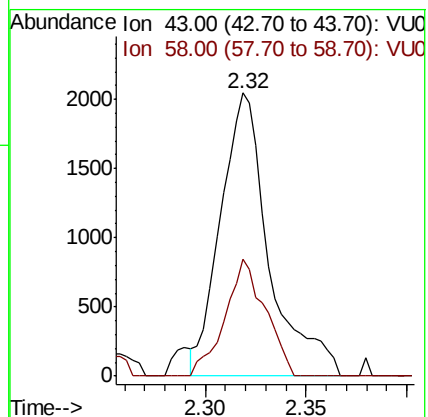
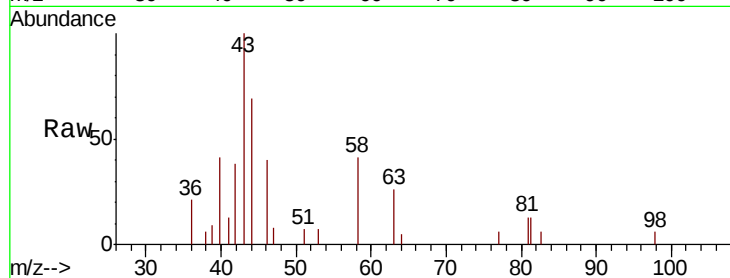
BFC74

Tot Ion: 43 Resp: 3423

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.0



#25

Chloroform

Concen: 1.780 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031076.D

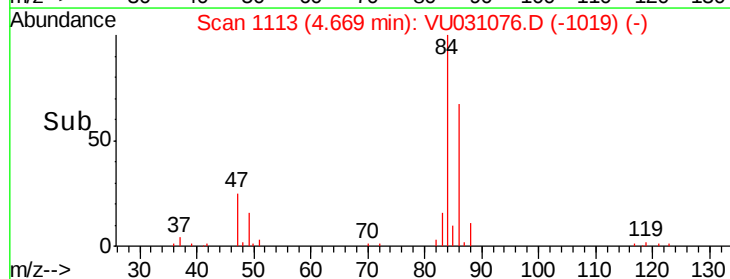
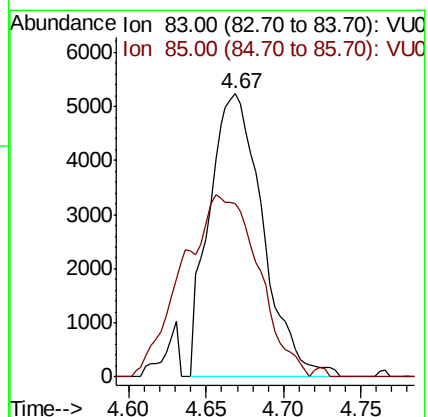
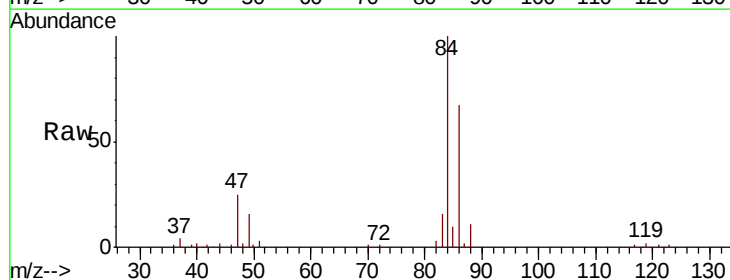
Acq: 11 Apr 2019 18:08

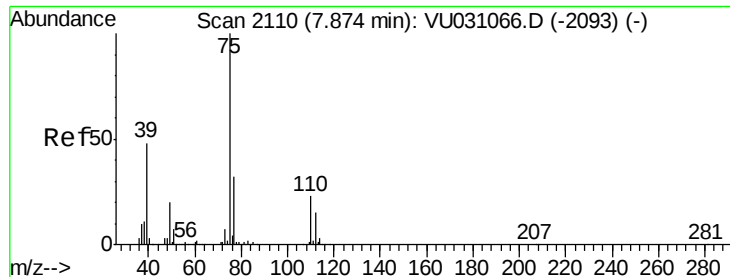
Tgt Ion: 83 Resp: 12575

Ion Ratio Lower Upper

83 100

85 61.3 45.8 85.0





#44

trans-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

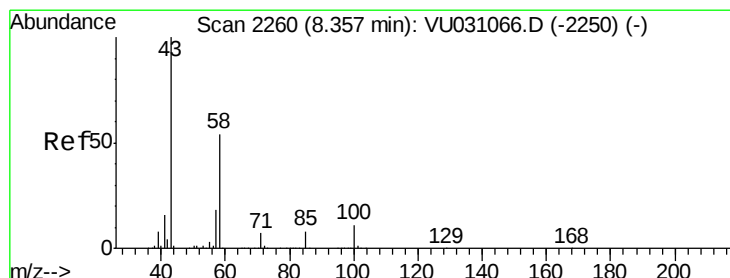
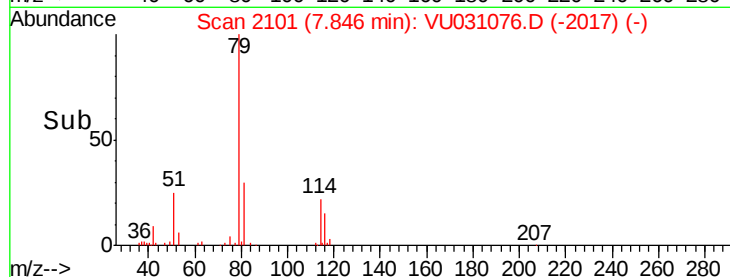
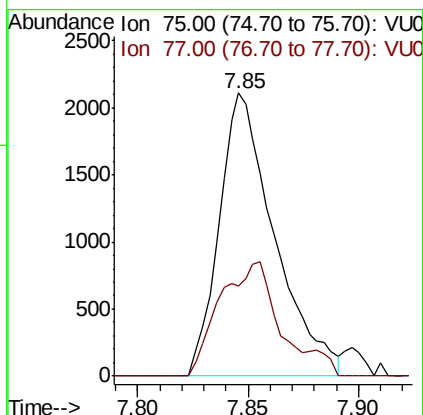
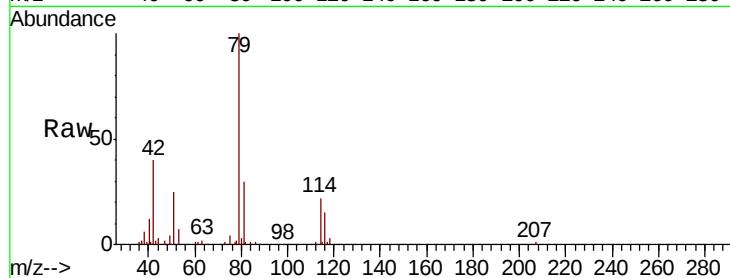
BFC74

Tot Ion: 75 Resp: 3652

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



#48

2-Hexanone

Concen: 2.195 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

Tgt Ion: 43 Resp: 11697

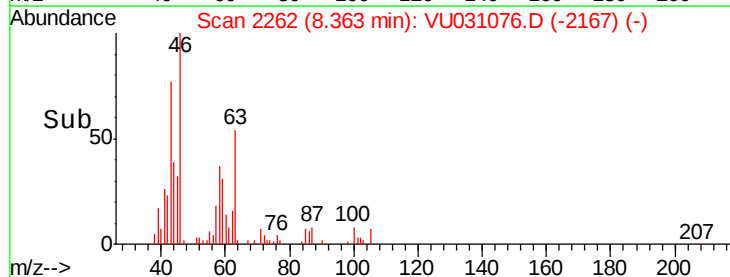
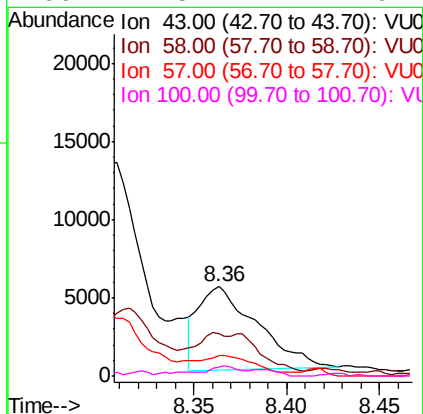
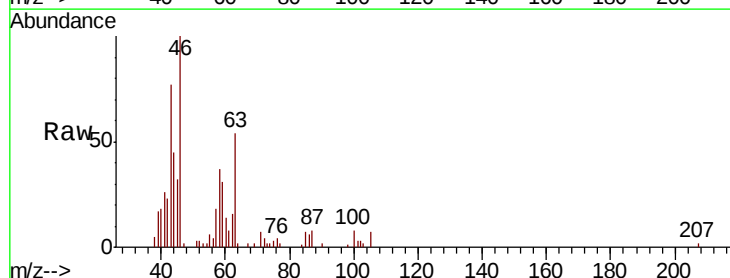
Ion Ratio Lower Upper

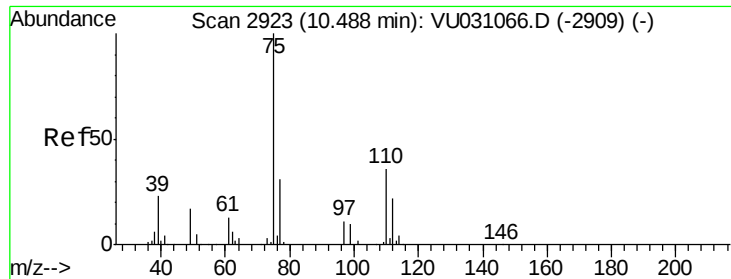
43 100

58 5.0 41.9 62.9#

57 18.3 14.3 21.5

100 2.5 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.612 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031076.D

Acq: 11 Apr 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

BFC74

Tot Ion: 75 Resp: 23466

Ion Ratio Lower Upper

75 100

77 41.8 26.1 39.1#

