

Data File : VU029819.D
Acq On : 05 Mar 2019 13:47
Operator : JC/SP
Sample : K1734-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1E0

Quant Time: Mar 06 00:45:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	492461	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143365	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.46%
7) Chloroethane-d5	1.68	69	123243	38.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.84%
11) 1,1-Dichloroethene-d2	2.27	63	197165	27.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.90%#
21) 2-Butanone-d5	4.17	46	208866	95.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.11%
24) Chloroform-d	4.64	84	249449	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.31	65	166765	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
32) Benzene-d6	5.34	84	578156	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.33	67	178049	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.56	98	528210	42.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.82%
43) trans-1,3-Dichloropropene-	7.85	79	80922	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.31	63	181642	89.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271484	44.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	227784	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

Target Compounds

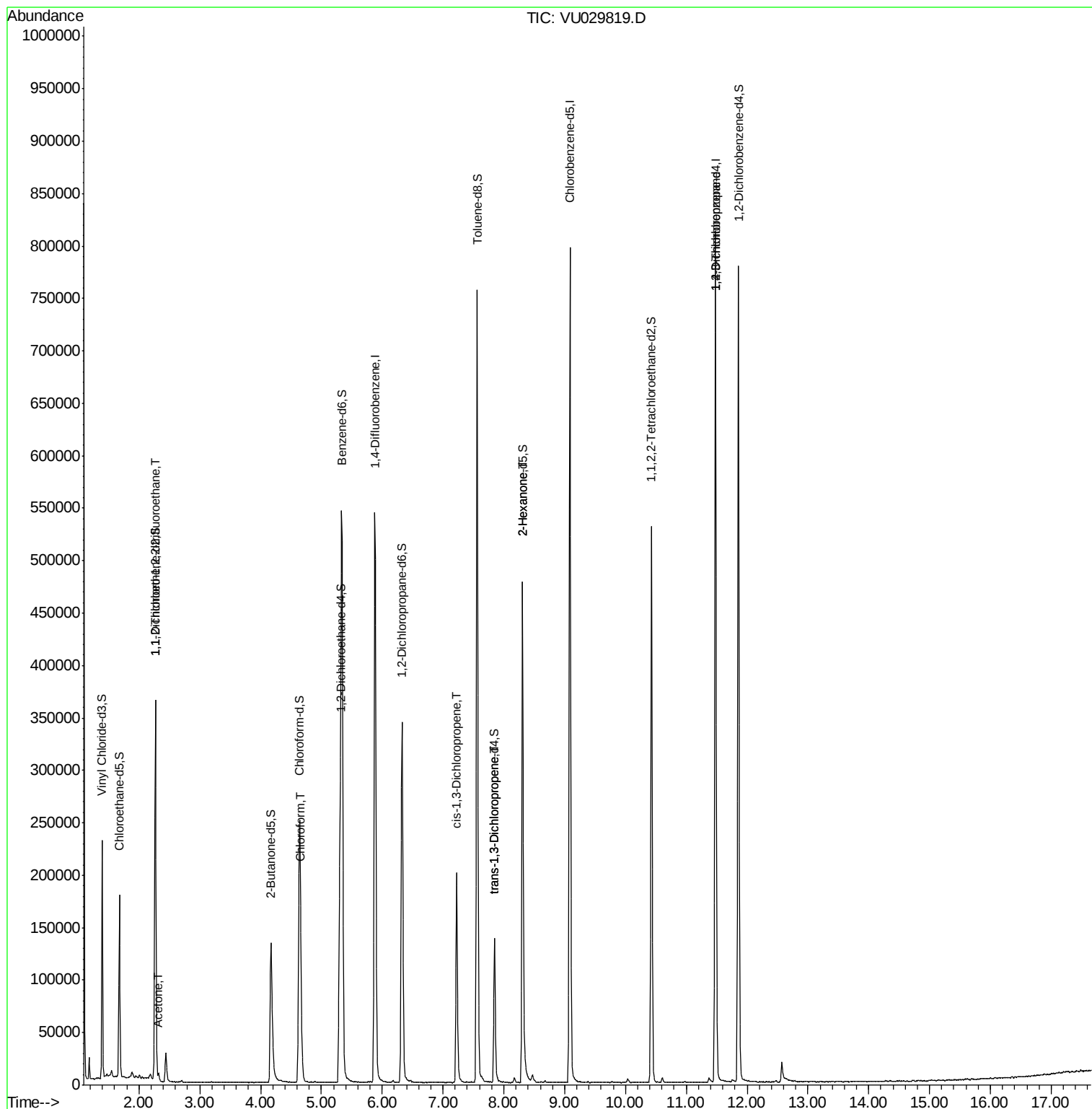
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2196	0.640	ug/L #	17
13) Acetone	2.32	43	5667	2.415	ug/L	97
25) Chloroform	4.67	83	30177	5.197	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4691	0.901	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	3275	0.668	ug/L	90
48) 2-Hexanone	8.31	43	18508	4.670	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	23919	5.200	ug/L	95

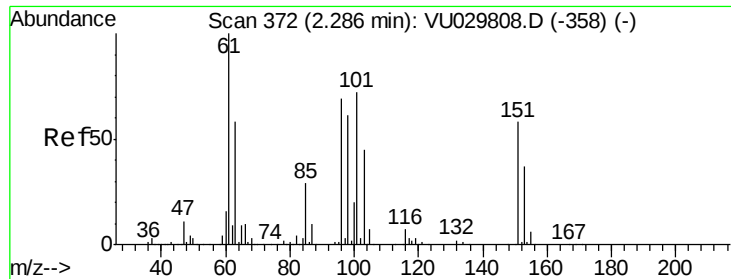
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 05 Mar 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

BF1E0

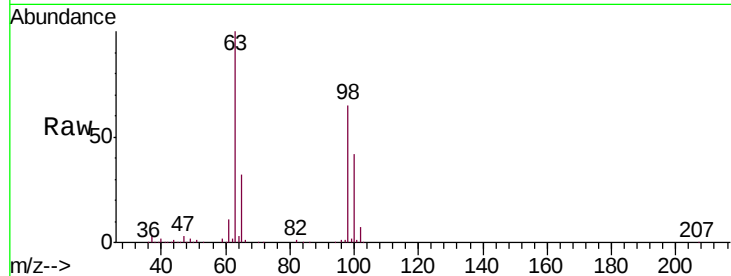
Tgt Ion:101 Resp: 2196

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

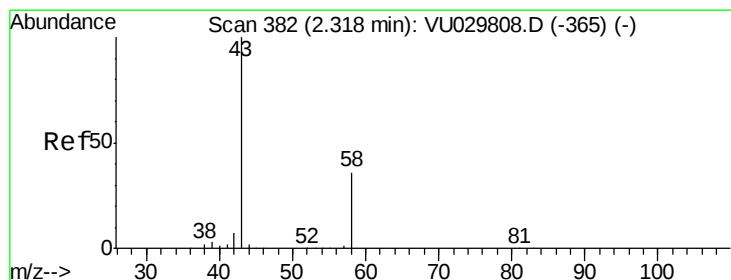
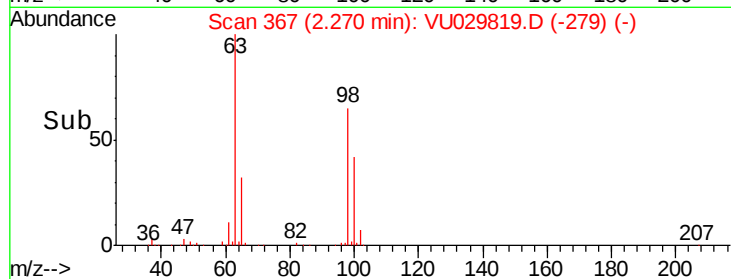
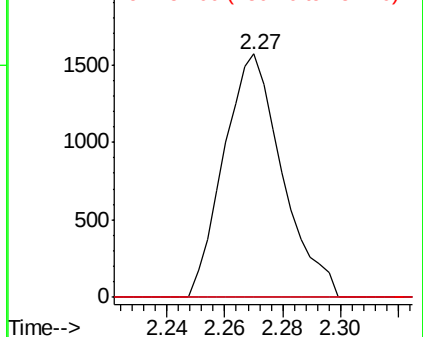
151 0.0 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.415 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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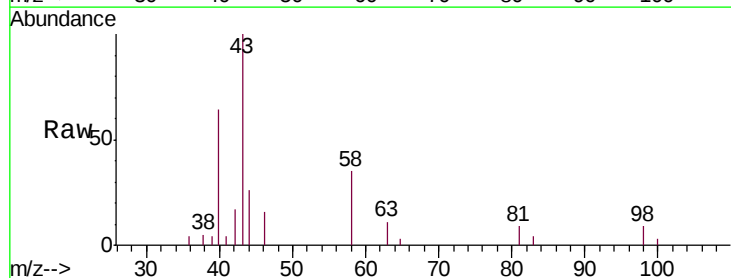
Acq: 05 Mar 2019 13:47

Tgt Ion: 43 Resp: 5667

Ion Ratio Lower Upper

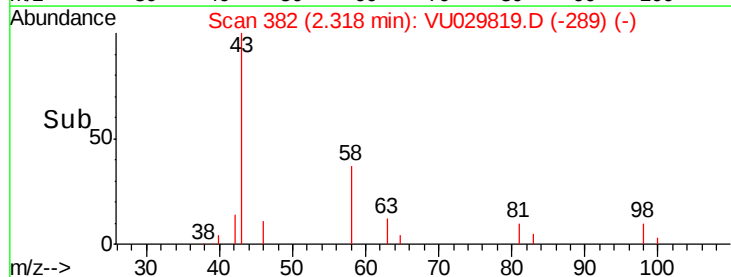
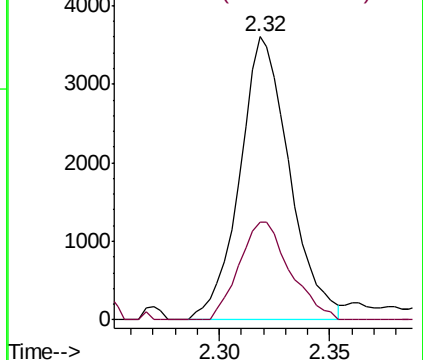
43 100

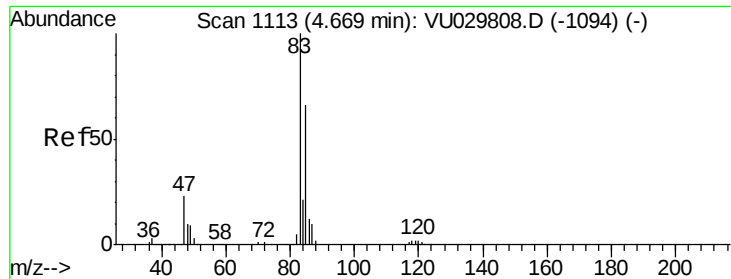
58 35.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 5.197 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

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Acq: 05 Mar 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

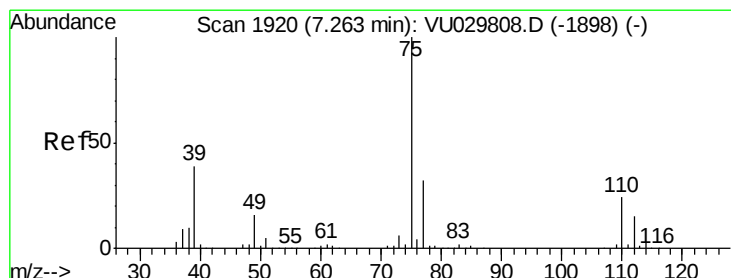
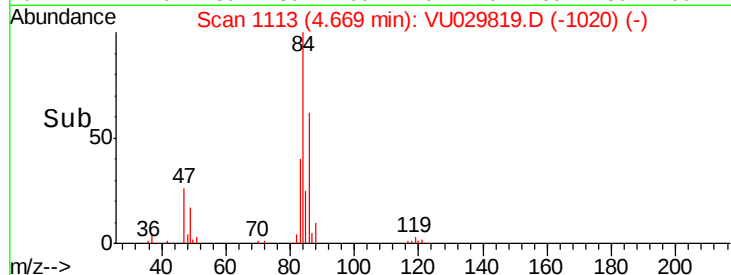
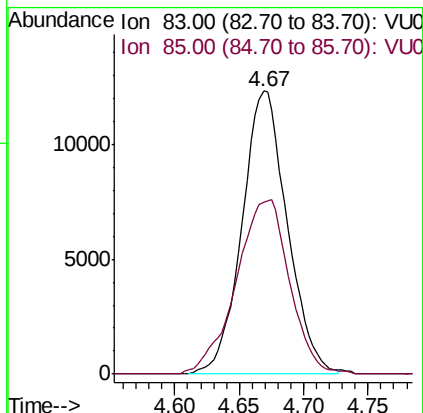
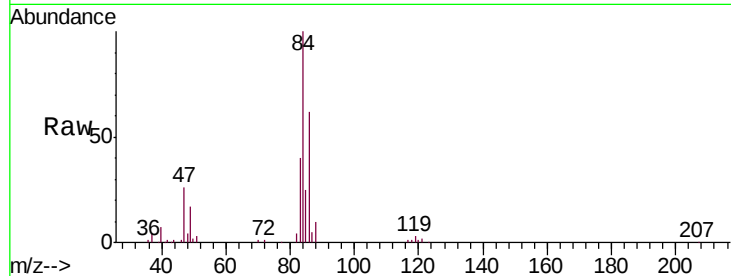
BF1E0

Tgt Ion: 83 Resp: 30177

Ion Ratio Lower Upper

83 100

85 60.9 45.4 84.2



#39

cis-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029819.D

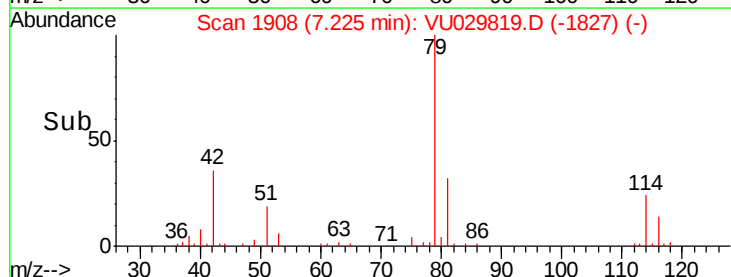
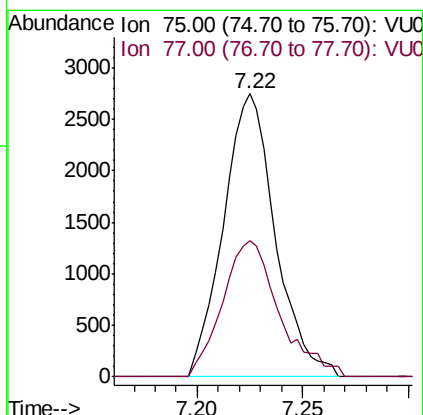
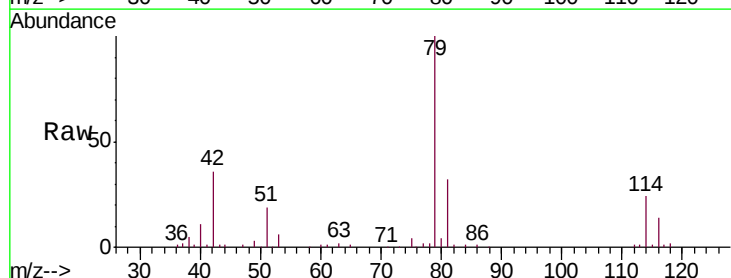
Acq: 05 Mar 2019 13:47

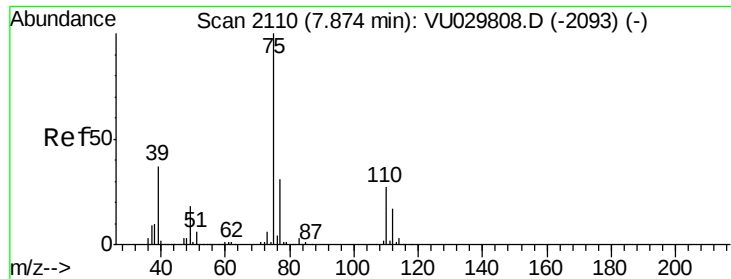
Tgt Ion: 75 Resp: 4691

Ion Ratio Lower Upper

75 100

77 48.3 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.668 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029819.D

Acq: 05 Mar 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

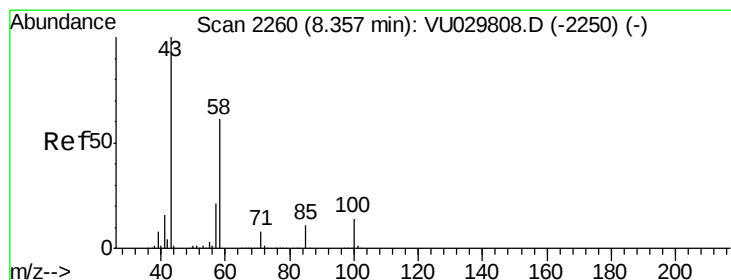
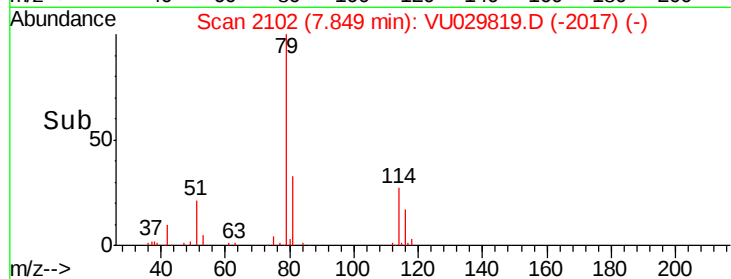
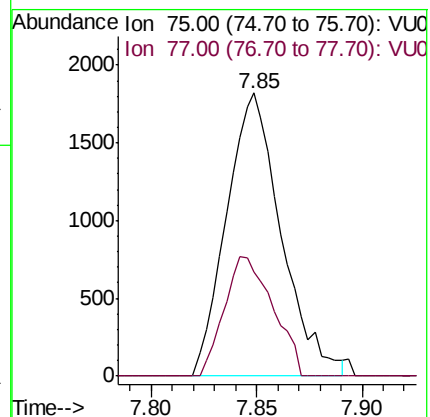
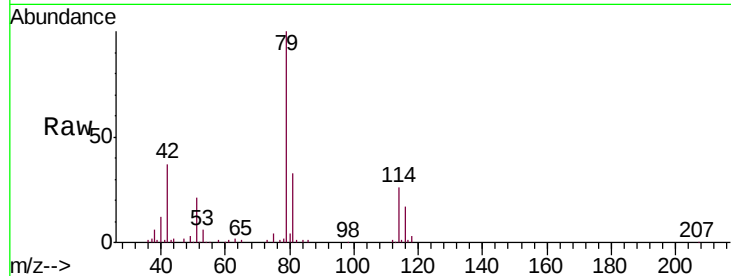
BF1E0

Tgt Ion: 75 Resp: 3275

Ion Ratio Lower Upper

75 100

77 36.9 22.1 41.1



#48

2-Hexanone

Concen: 4.670 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU029819.D

Acq: 05 Mar 2019 13:47

Tgt Ion: 43 Resp: 18508

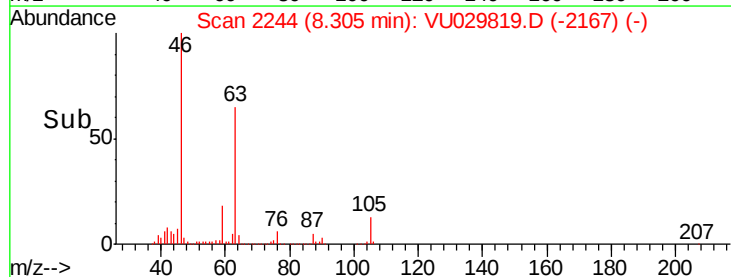
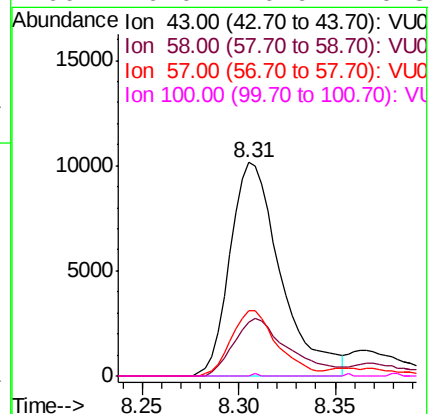
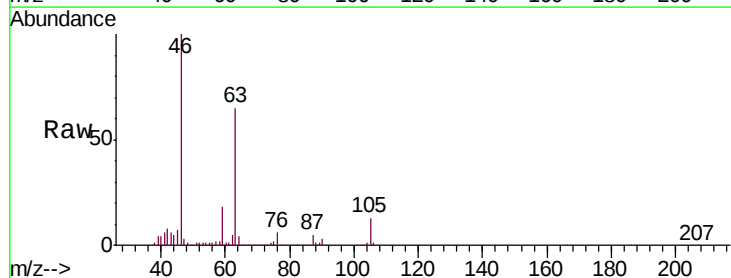
Ion Ratio Lower Upper

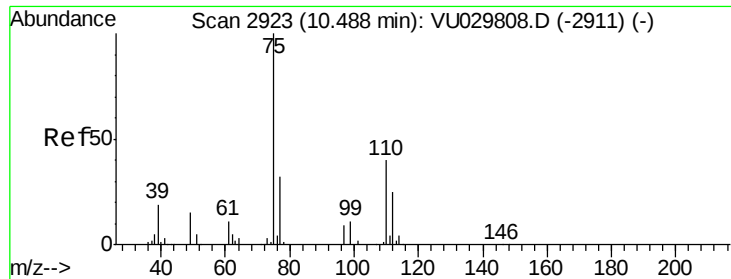
43 100

58 29.1 46.4 69.6#

57 27.7 15.7 23.5#

100 0.0 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 5.200 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029819.D

Acq: 05 Mar 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

BF1E0

Tgt Ion: 75 Resp: 23919

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5

