

Data File : VU036022.D
Acq On : 06 Dec 2019 14:24
Operator : JC/SP
Sample : K6168-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE35

Quant Time: Dec 06 22:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	291497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	306893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	110488	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.93	69	118264	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	132315	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.69	46	235117	39.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.92%
24) Chloroform-d	5.11	84	188763	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.75	65	105919	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.77	84	378463	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.73	67	123404	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.93	98	315544	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	8.21	79	43483	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.70	63	203775	43.59	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107281	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	85384	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

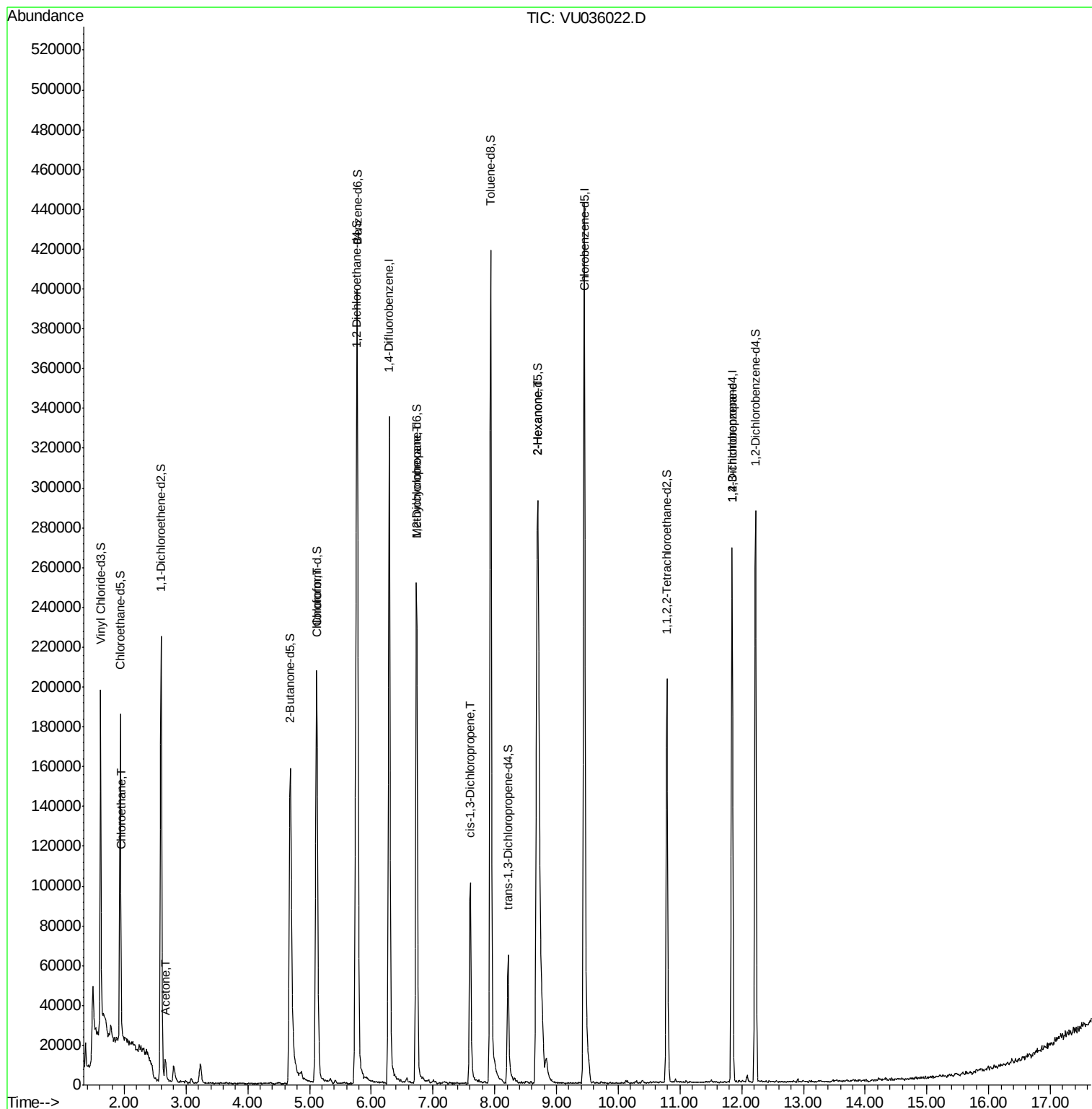
					Qvalue	
8) Chloroethane	1.95	64	2475	0.115	ug/L #	53
13) Acetone	2.66	43	11710	2.201	ug/L	92
25) Chloroform	5.13	83	14118	0.324	ug/L	93
35) Methylcyclohexane	6.73	83	29655	0.810	ug/L #	17
39) cis-1,3-Dichloropropene	7.60	75	2862	0.083	ug/L #	67
48) 2-Hexanone	8.70	43	29408	2.592	ug/L #	49
59) 1,2,3-Trichloropropane	11.84	75	8947	0.527	ug/L	92

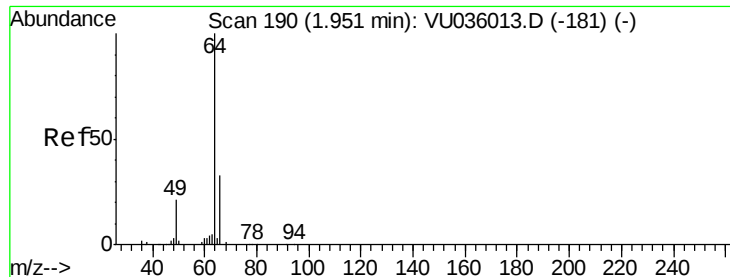
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.115 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU036022.D

Acq: 06 Dec 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

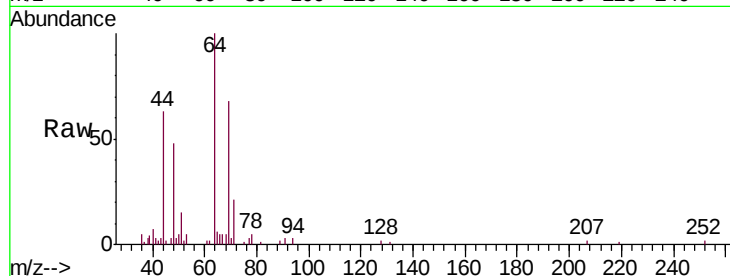
BFE35

Tgt Ion: 64 Resp: 2475

Ion Ratio Lower Upper

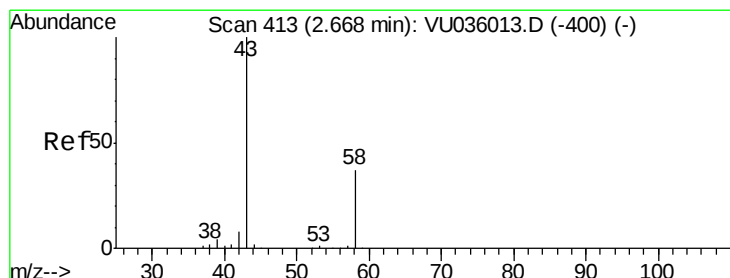
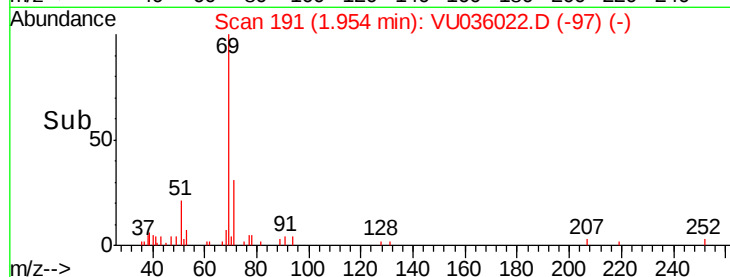
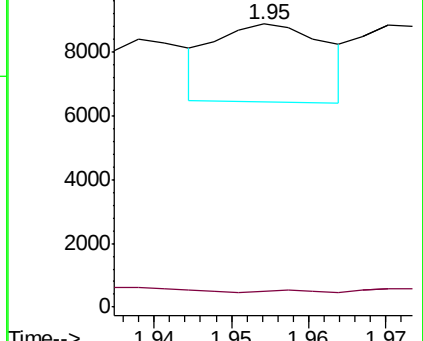
64 100

66 5.4 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU036013.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU036013.D (-181) (-)



#13

Acetone

Concen: 2.201 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU036022.D

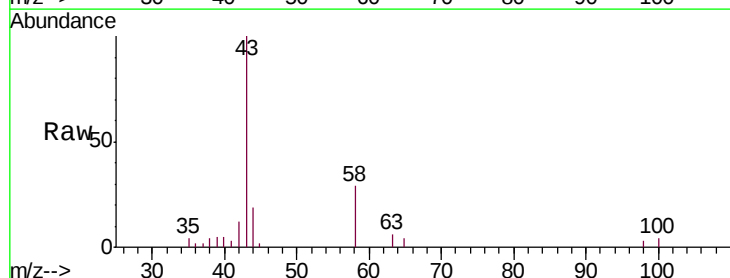
Acq: 06 Dec 2019 14:24

Tgt Ion: 43 Resp: 11710

Ion Ratio Lower Upper

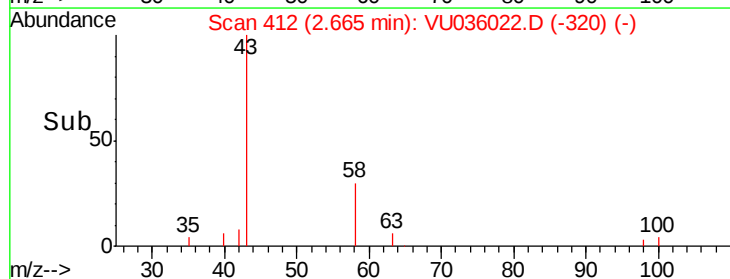
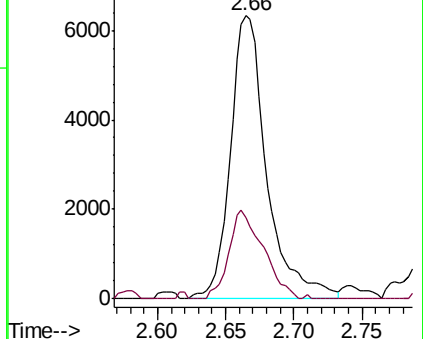
43 100

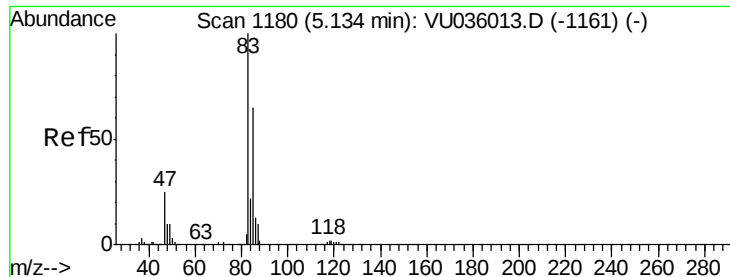
58 29.8 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU036013.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036013.D (-400) (-)

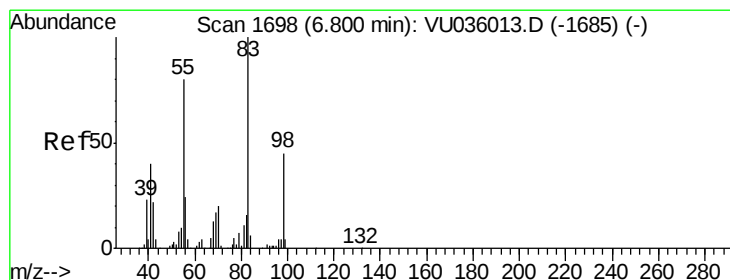
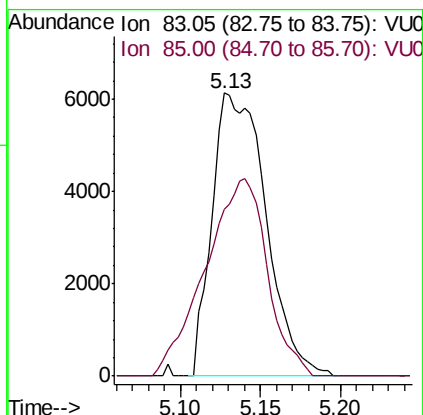
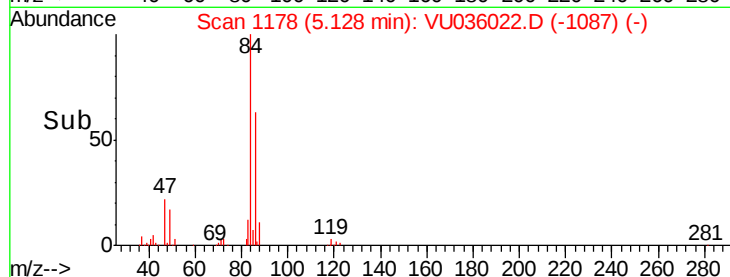
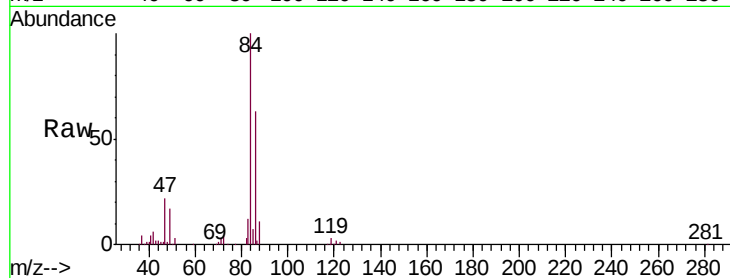




#25
Chloroform
Concen: 0.324 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VU036022.D
Acq: 06 Dec 2019 14:24

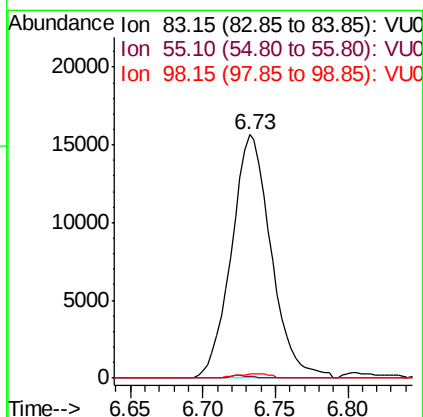
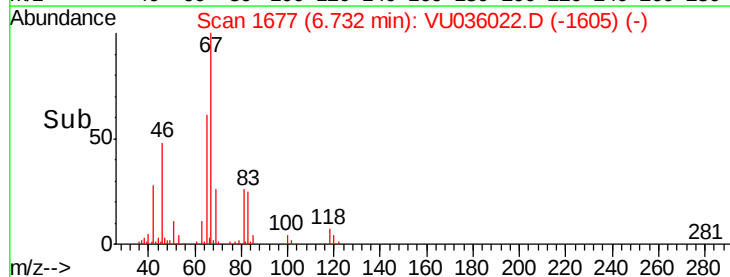
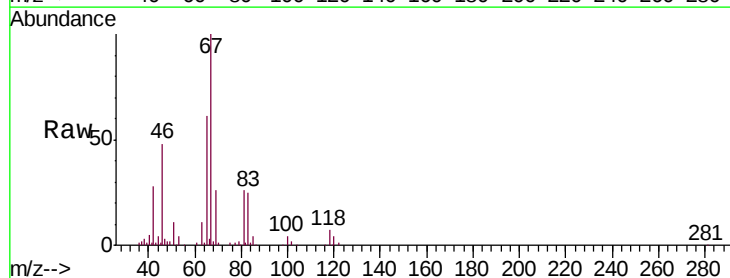
Instrument :
MSVOA_U
ClientSampleId :
BFE35

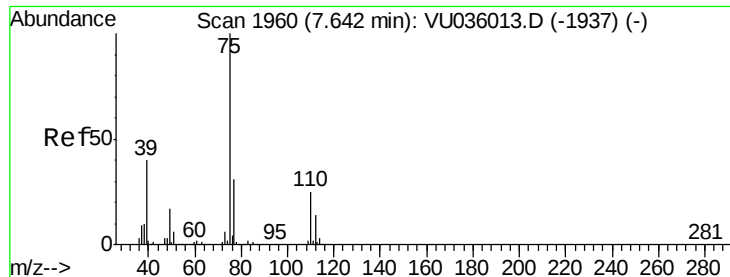
Tgt Ion: 83 Resp: 14118
Ion Ratio Lower Upper
83 100
85 59.0 45.4 84.2



#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036022.D
Acq: 06 Dec 2019 14:24

Tgt Ion: 83 Resp: 29655
Ion Ratio Lower Upper
83 100
55 0.5 67.4 101.0#
98 1.5 34.6 52.0#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036022.D

Acq: 06 Dec 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

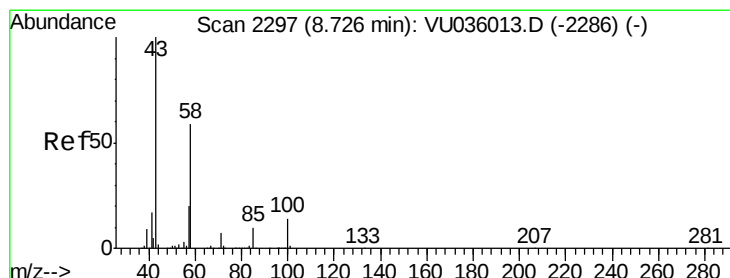
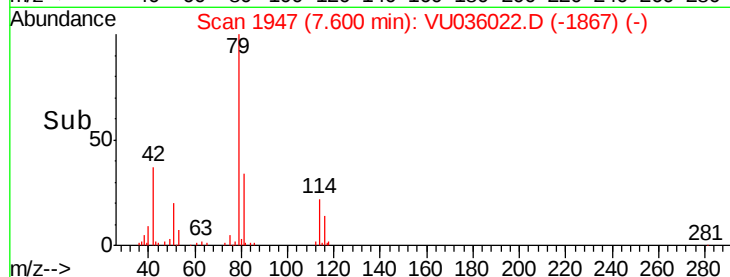
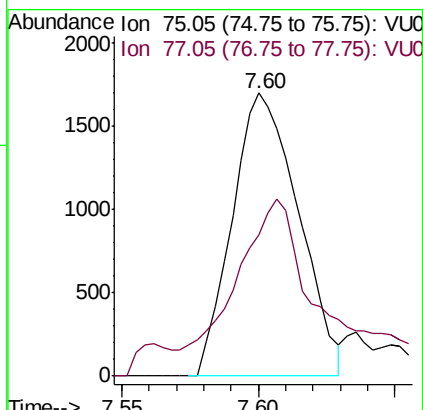
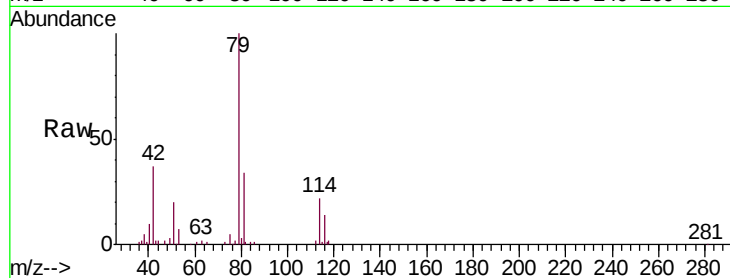
BFE35

Tgt Ion: 75 Resp: 2862

Ion Ratio Lower Upper

75 100

77 49.8 21.9 40.7#



#48

2-Hexanone

Concen: 2.592 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. -0.03 min

Lab File: VU036022.D

Acq: 06 Dec 2019 14:24

Tgt Ion: 43 Resp: 29408

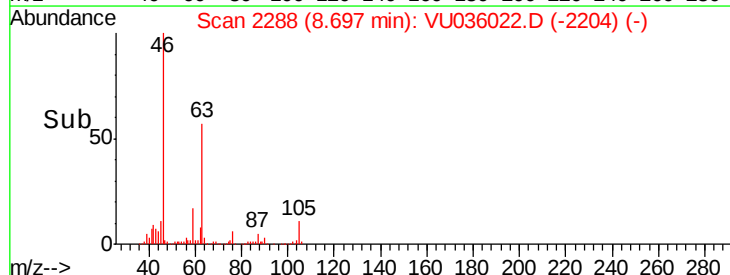
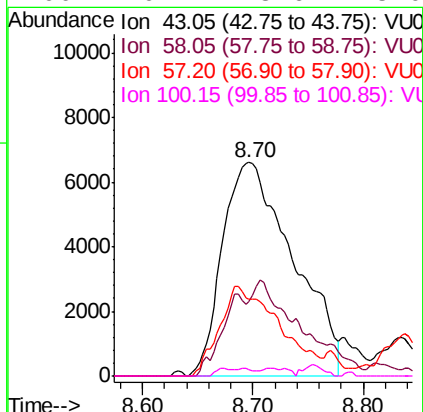
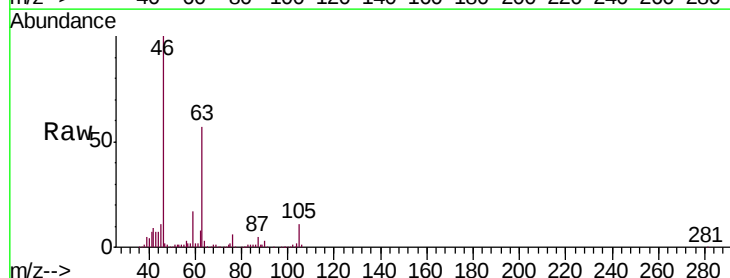
Ion Ratio Lower Upper

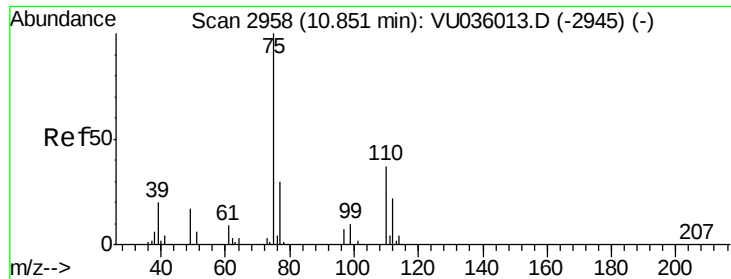
43 100

58 13.1 45.4 68.2#

57 35.6 14.9 22.3#

100 0.7 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.527 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU036022.D

Acq: 06 Dec 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

BFE35

Tgt Ion: 75 Resp: 8947

Ion Ratio Lower Upper

75 100

77 37.9 26.6 39.8

