

Data File : VU030634.D
Acq On : 03 Apr 2019 17:56
Operator : JC/SP
Sample : K2168-17
Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF659

Quant Time: Apr 04 06:56:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	543058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	545914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	277712	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	172797	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.08%
7) Chloroethane-d5	1.59	69	666	0.19	ug/L	-0.09
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.38%#
11) 1,1-Dichloroethene-d2	2.24	63	263367	31.77	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.54%
21) 2-Butanone-d5	4.19	46	308923	75.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.19%
24) Chloroform-d	4.64	84	298989	39.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.42%
26) 1,2-Dichloroethane-d4	5.30	65	201307	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
32) Benzene-d6	5.33	84	653345	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
36) 1,2-Dichloropropane-d6	6.32	67	223802	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.56	98	590763	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%
43) trans-1,3-Dichloropropene-	7.85	79	99829	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.32	63	233494	80.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	323927	42.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	231725	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2538	0.640 ug/L #	21
13) Acetone	2.33	43	3401	0.819 ug/L	100
16) Methylene chloride	2.68	84	2874	0.627 ug/L	77
39) cis-1,3-Dichloropropene	7.22	75	5651	0.745 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3779	0.567 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	34865	5.431 ug/L	94
69) Naphthalene	13.76	128	7229	0.344 ug/L #	79

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

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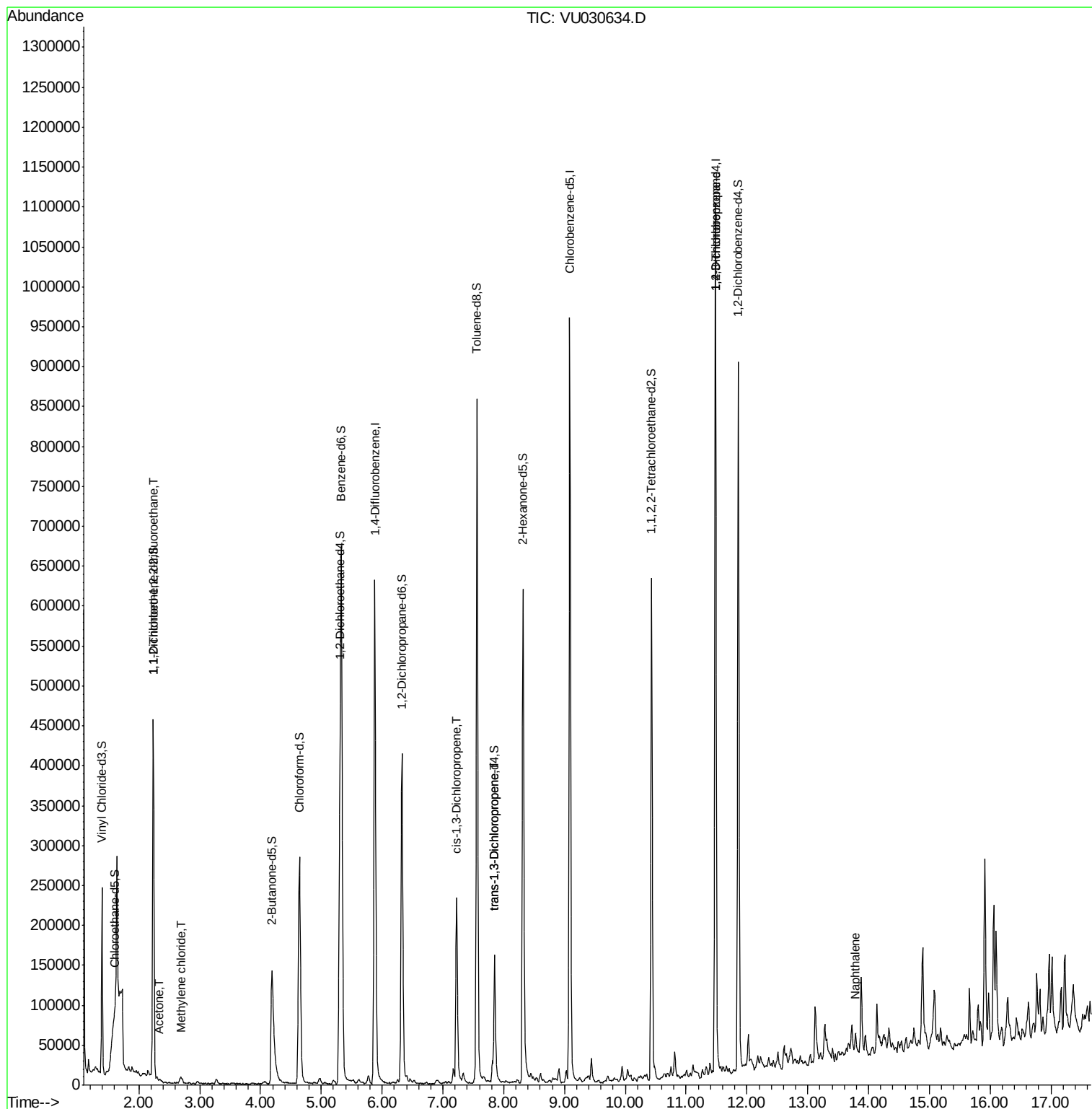
Quant Time: Apr 04 06:56:46 2019

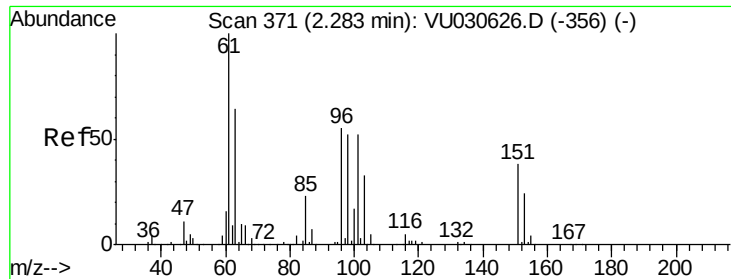
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 04 06:52:42 2019

Response via : Initial Calibration





#10

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

Concen: 0.640 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.05 min

Lab File: VU030634.D

Acq: 03 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampled :

BF659

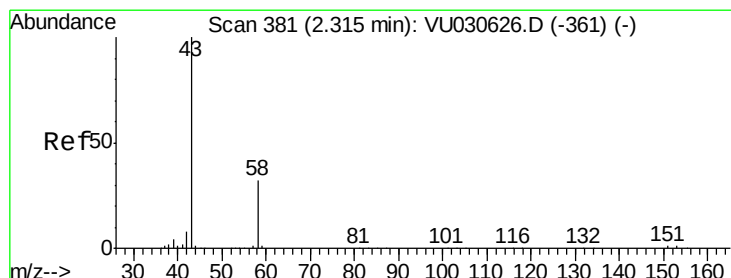
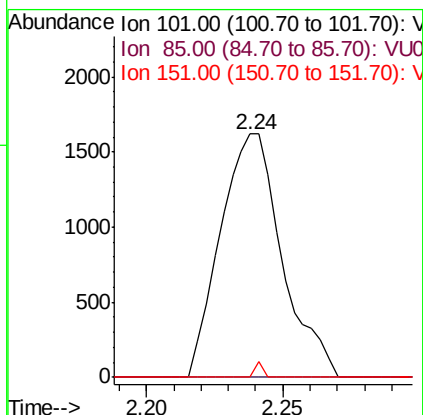
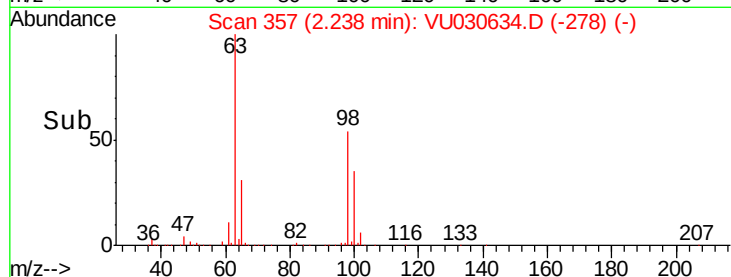
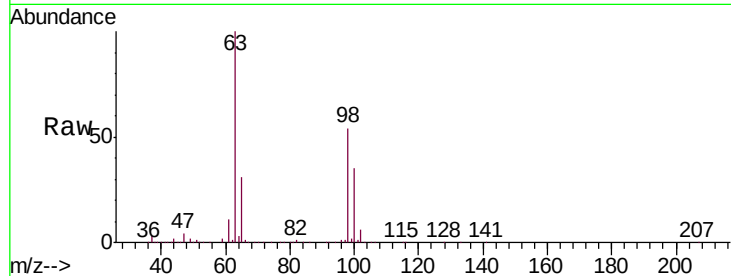
Tgt Ion:101 Resp: 2538

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#



#13

Acetone

Concen: 0.819 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

Lab File: VU030634.D

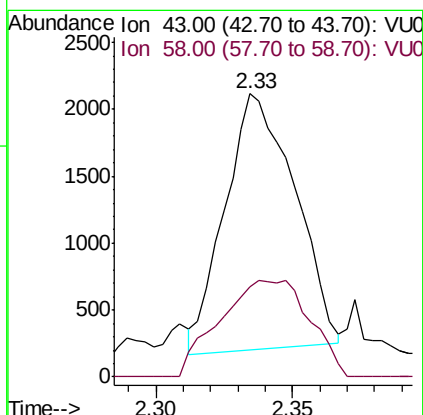
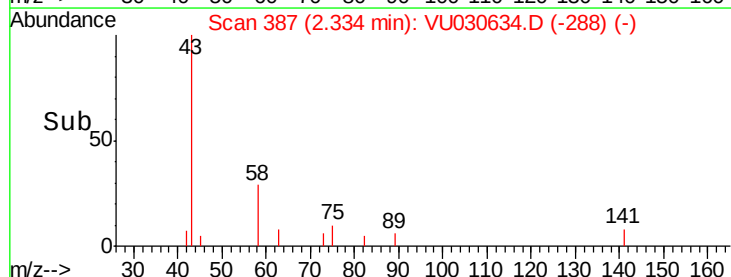
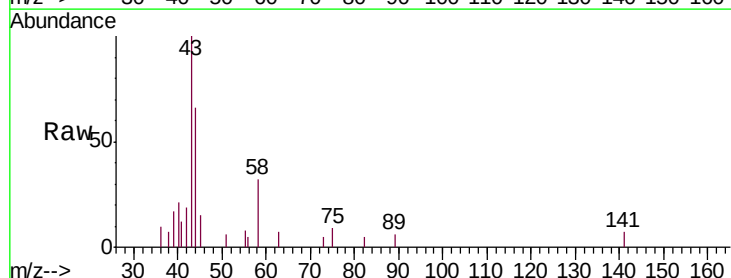
Acq: 03 Apr 2019 17:56

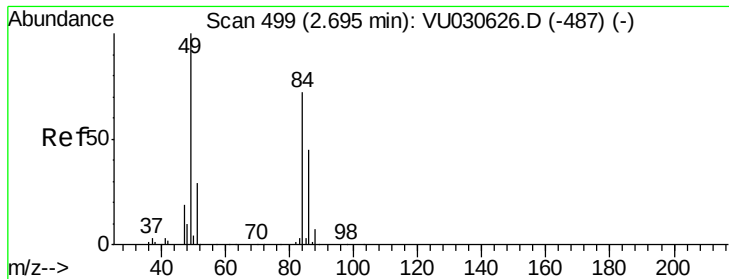
Tgt Ion: 43 Resp: 3401

Ion Ratio Lower Upper

43 100

58 31.6 0.0 62.8

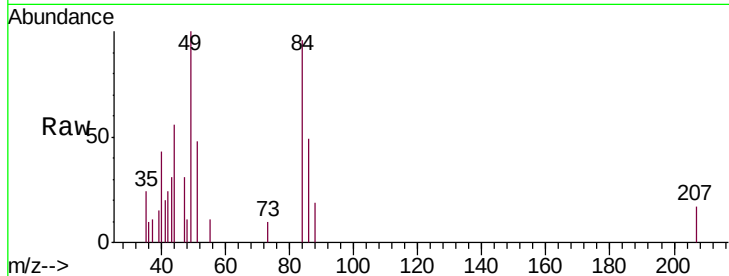




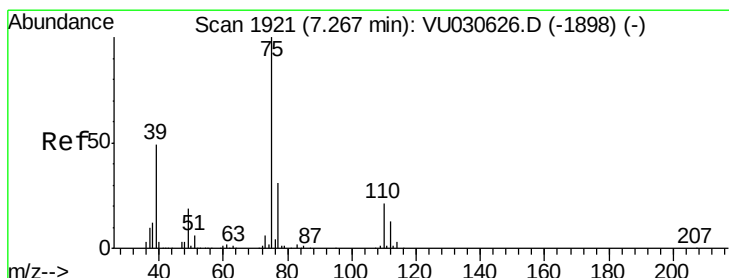
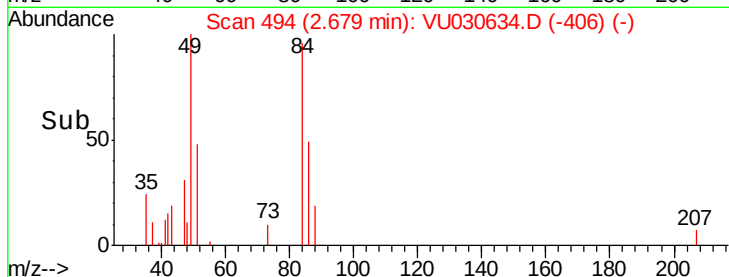
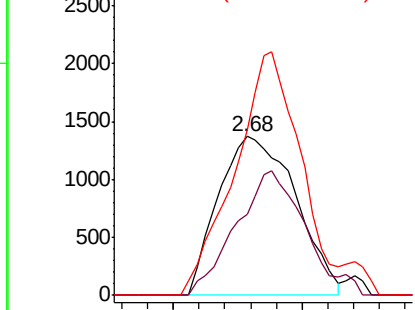
#16
Methylene chloride
Concen: 0.627 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU030634.D
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Instrument :
MSVOA_U
ClientSampleId :
BF659

Tgt Ion: 84 Resp: 2874
Ion Ratio Lower Upper
84 100
86 50.7 44.3 82.3
49 104.4 94.9 176.3

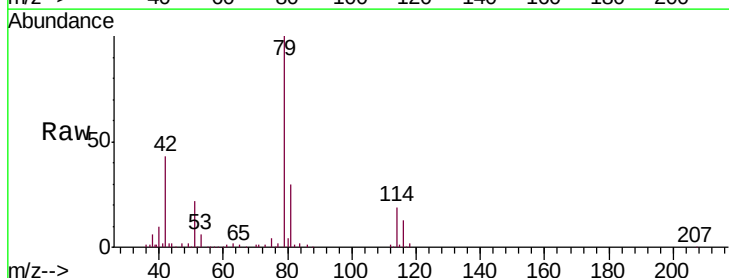


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

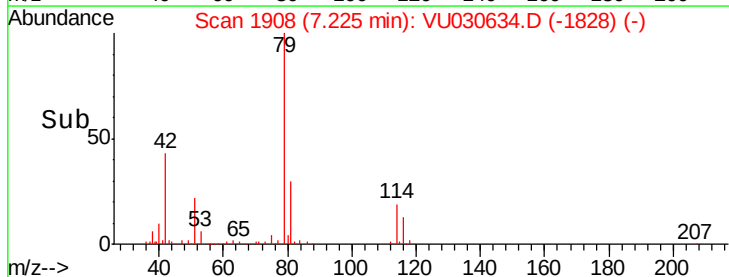
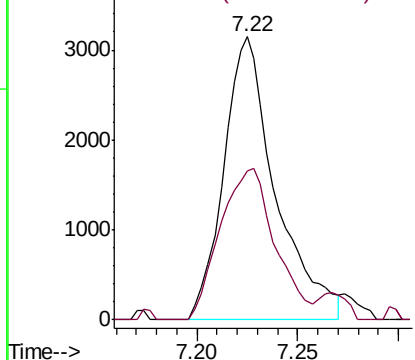


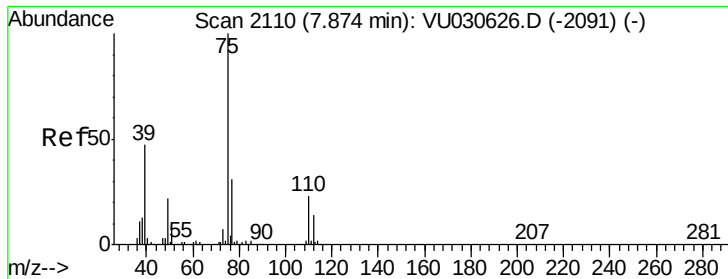
#39
cis-1,3-Dichloropropene
Concen: 0.745 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030634.D
Acq: 03 Apr 2019 17:56

Tgt Ion: 75 Resp: 5651
Ion Ratio Lower Upper
75 100
77 52.8 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030634.D

Acq: 03 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampled :

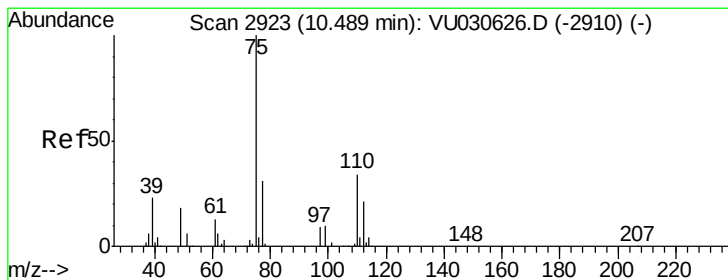
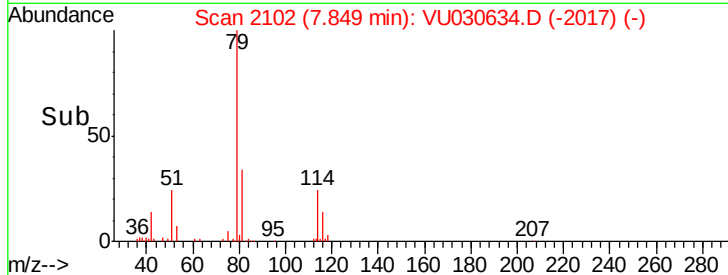
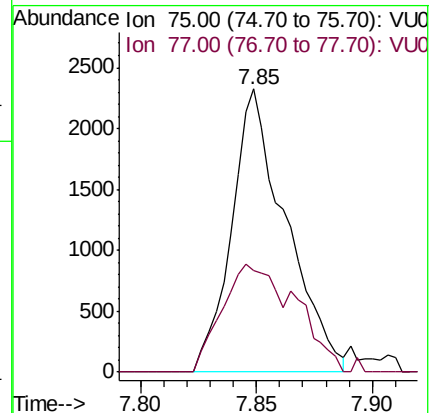
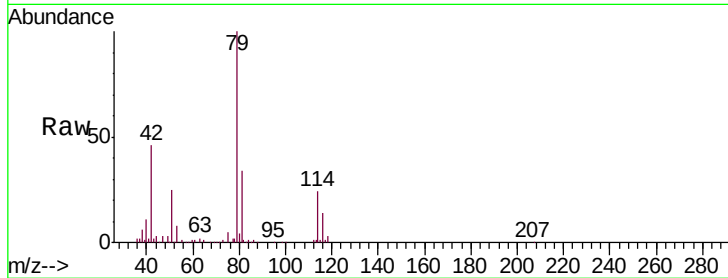
BF659

Tgt Ion: 75 Resp: 3779

Ion Ratio Lower Upper

75 100

77 36.0 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030634.D

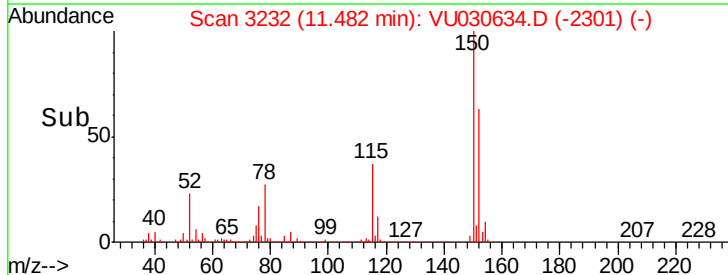
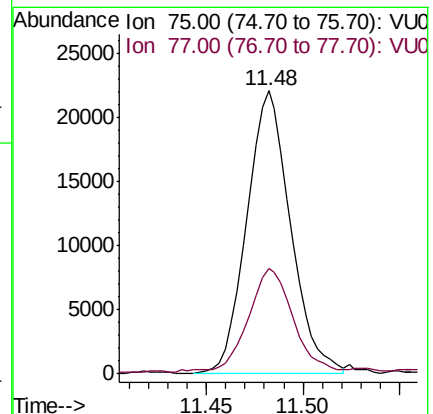
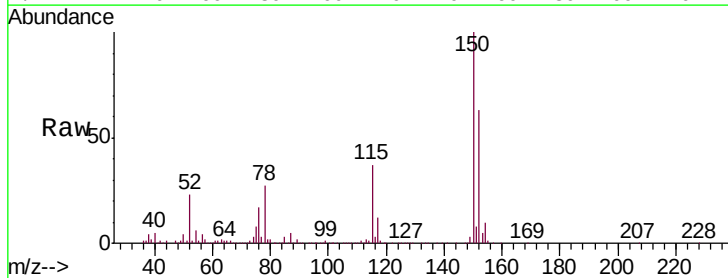
Acq: 03 Apr 2019 17:56

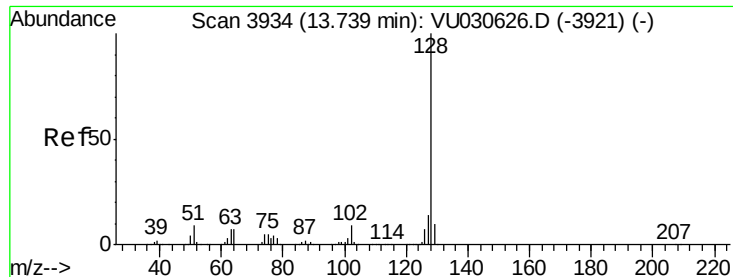
Tgt Ion: 75 Resp: 34865

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2





#69

Naphthalene

Concen: 0.344 ug/L

RT: 13.76 min Scan# 3942

Delta R.T. 0.03 min

Lab File: VU030634.D

Acq: 03 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

BF659

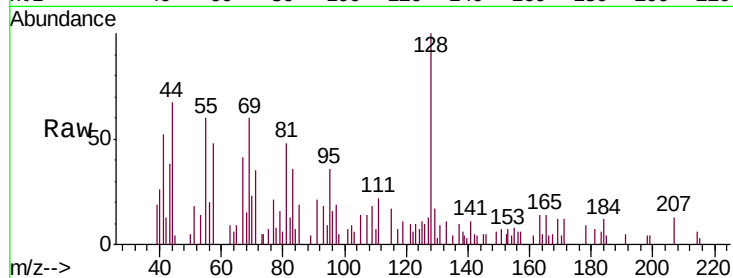
Tgt Ion:128 Resp: 7229

Ion Ratio Lower Upper

128 100

127 1.7 10.4 15.6#

129 6.4 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

