

Data File : VU030350.D
Acq On : 23 Mar 2019 19:13
Operator : JC/SP
Sample : K2083-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A3

Quant Time: Mar 24 02:12:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	428238	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410138	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151478	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.68	69	123060	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.27	63	217940	33.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.68%
21) 2-Butanone-d5	4.17	46	289705	89.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	4.65	84	271430	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.31	65	183287	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.34	84	555517	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.33	67	198199	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.50%
41) Toluene-d8	7.56	98	492374	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloropropene-	7.85	79	86143	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.31	63	198411	90.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265022	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	168448	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%

Target Compounds

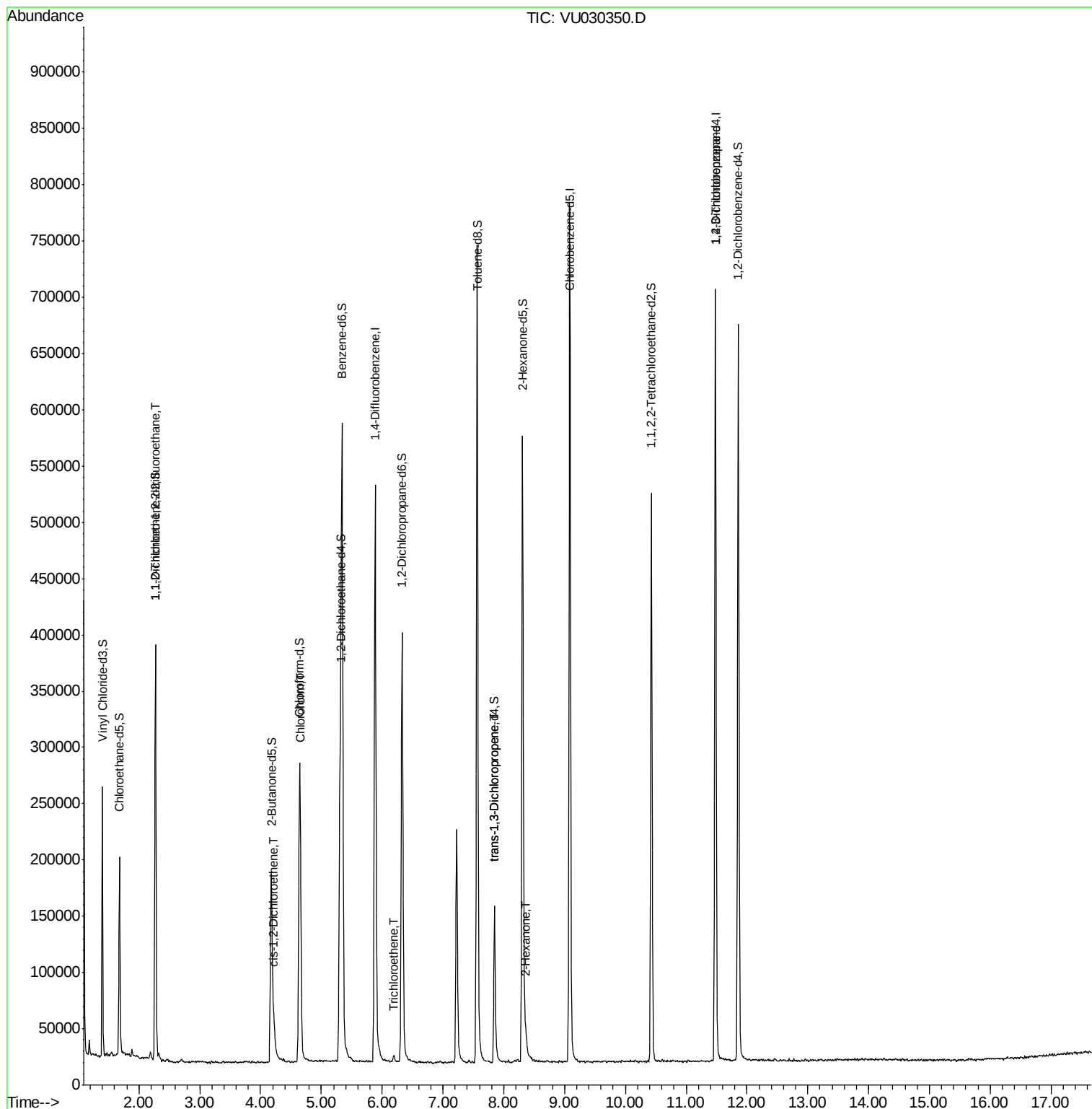
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2058	0.658	ug/L #	21
20) cis-1,2-Dichloroethene	4.22	96	8732	2.422	ug/L	89
25) Chloroform	4.66	83	3826	0.610	ug/L #	63
34) Trichloroethene	6.19	95	2047	0.596	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	3407	0.680	ug/L #	77
48) 2-Hexanone	8.36	43	8359	1.532	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	24391	5.058	ug/L	92

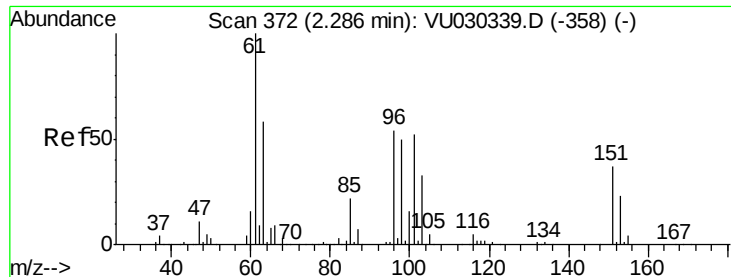
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.658 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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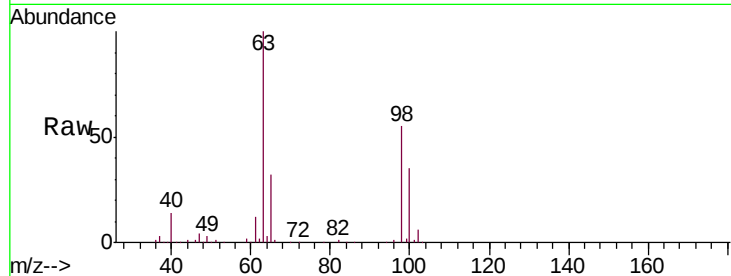
Tgt Ion: 101 Resp: 2058

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

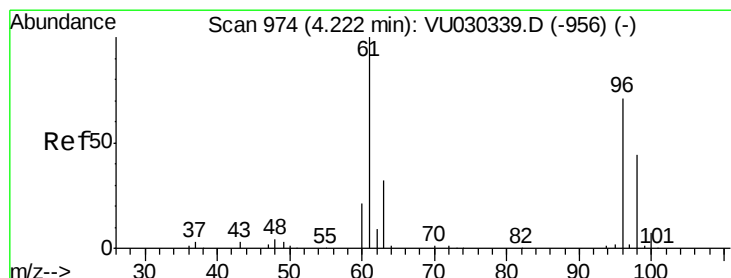
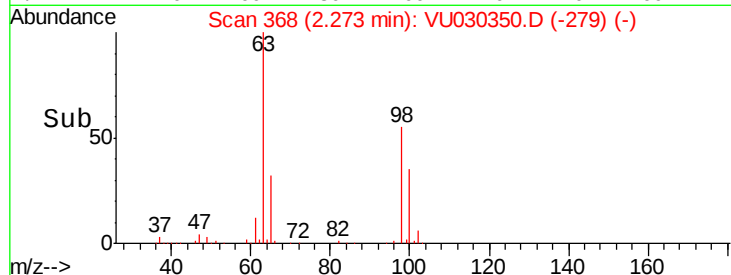
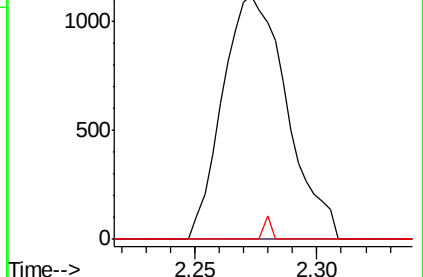
151 0.0 56.6 85.0#



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



#20

cis-1,2-Dichloroethene

Concen: 2.422 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU030350.D

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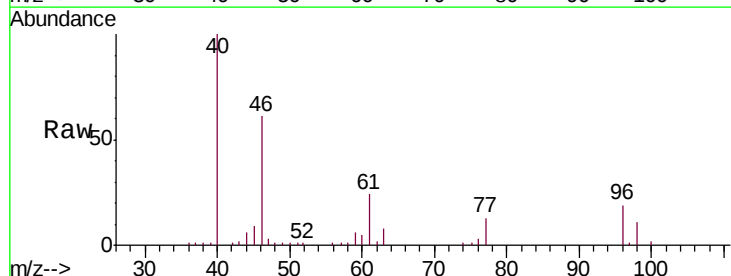
Tgt Ion: 96 Resp: 8732

Ion Ratio Lower Upper

96 100

61 126.7 98.4 182.8

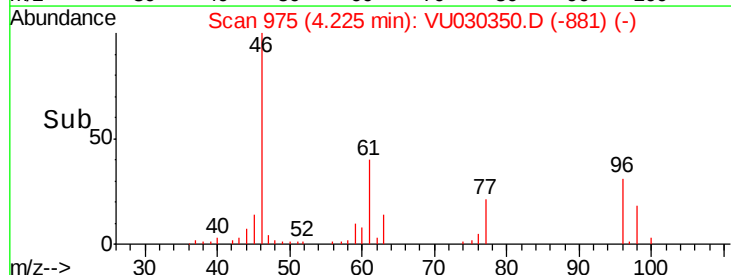
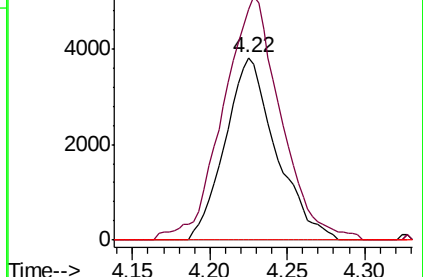
68 0.0 0.0 0.0

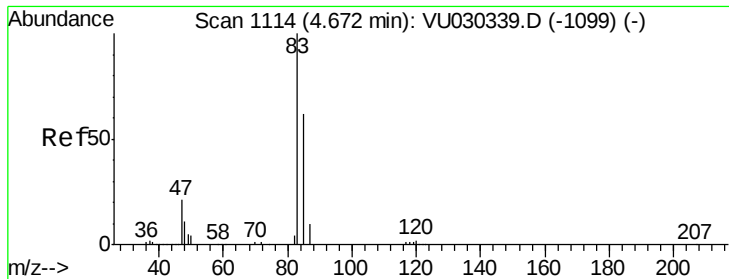


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 0.610 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

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ClientSampleId :

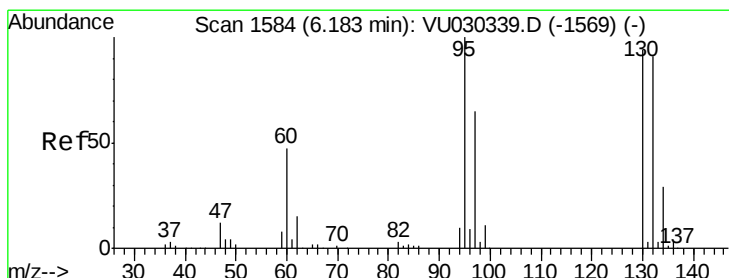
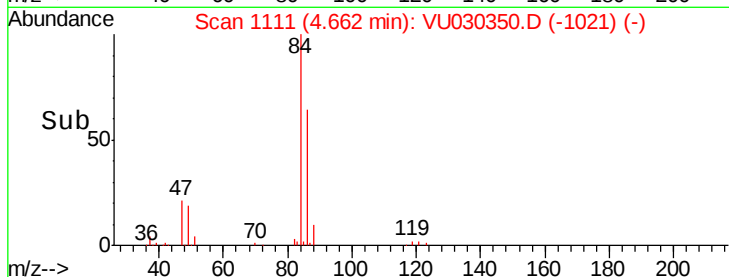
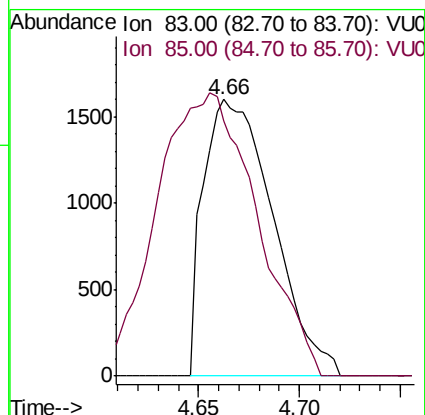
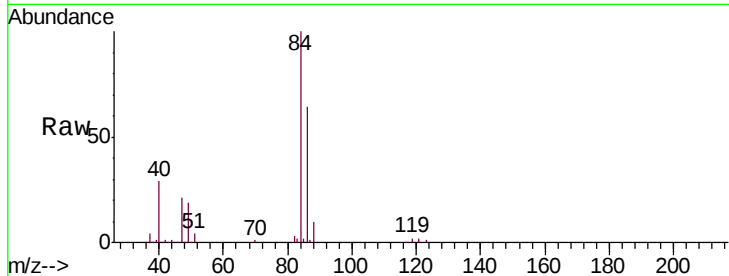
BF1A3

Tgt Ion: 83 Resp: 3826

Ion Ratio Lower Upper

83 100

85 92.2 44.4 82.4#



#34

Trichloroethene

Concen: 0.596 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030350.D

Acq: 23 Mar 2019 19:13

Tgt Ion: 95 Resp: 2047

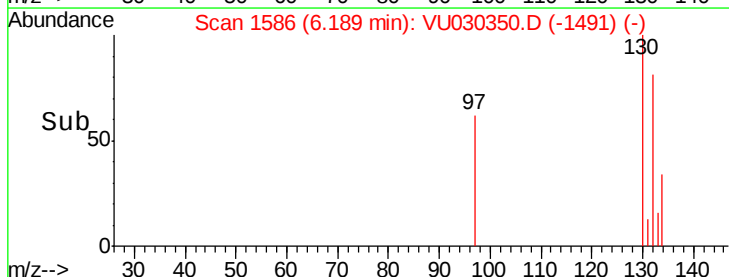
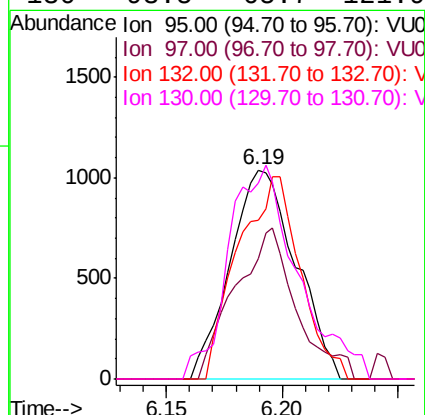
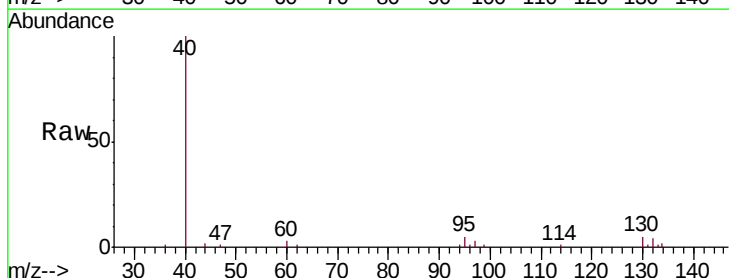
Ion Ratio Lower Upper

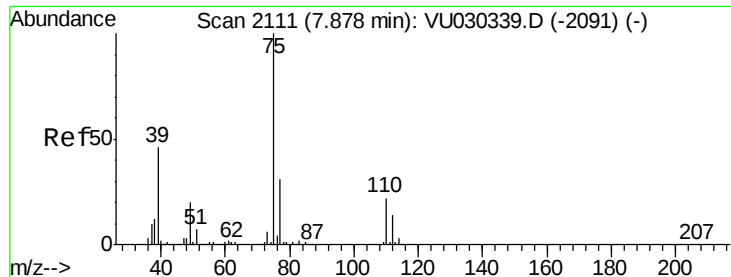
95 100

97 57.8 45.7 84.9

132 75.8 63.8 118.4

130 93.5 65.7 121.9





#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030350.D

Acq: 23 Mar 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

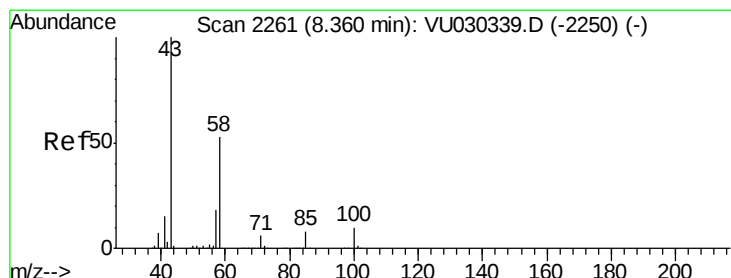
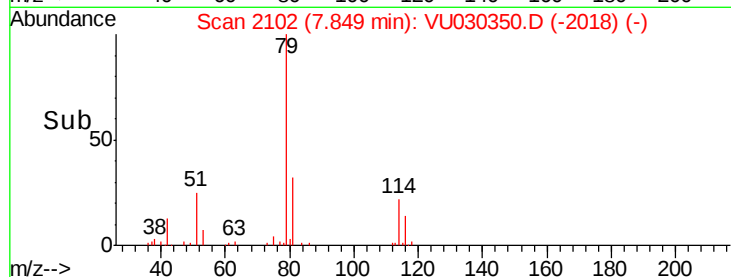
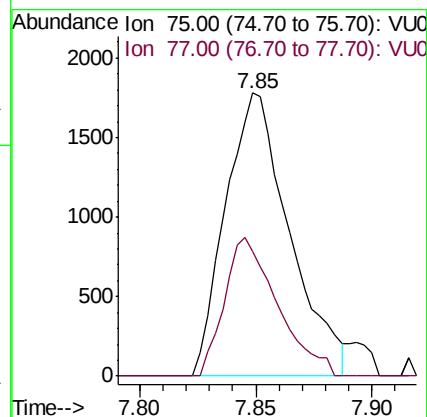
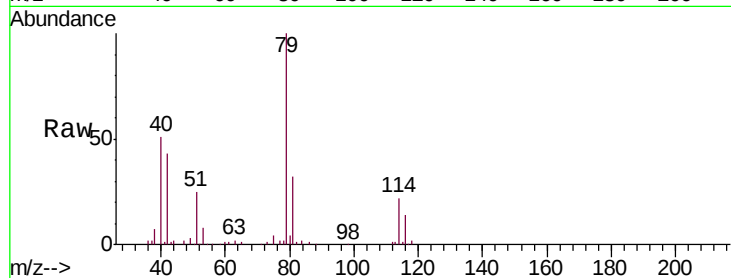
BF1A3

Tgt Ion: 75 Resp: 3407

Ion Ratio Lower Upper

75 100

77 44.2 22.0 40.8#



#48

2-Hexanone

Concen: 1.532 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030350.D

Acq: 23 Mar 2019 19:13

Tgt Ion: 43 Resp: 8359

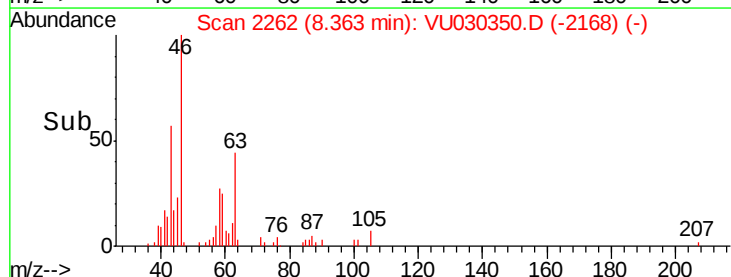
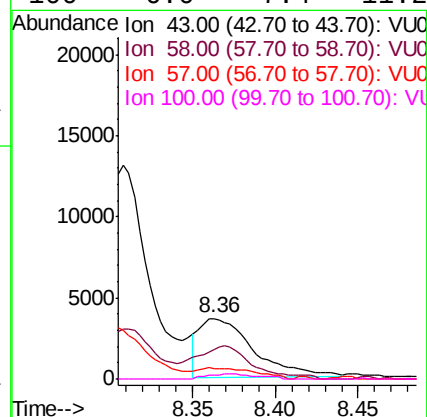
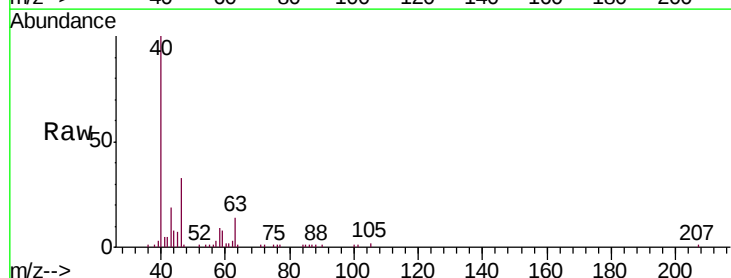
Ion Ratio Lower Upper

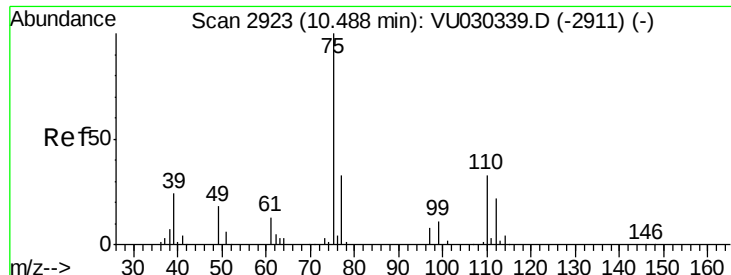
43 100

58 47.5 42.5 63.7

57 19.2 15.0 22.6

100 6.0 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 5.058 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030350.D

Acq: 23 Mar 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

BF1A3

Tgt Ion: 75 Resp: 24391

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

