

Data File : VU032198.D
Acq On : 21 May 2019 14:34
Operator : JC/SP
Sample : K2862-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ8

Quant Time: May 22 02:12:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	815625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	811874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	333485	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	266203	50.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.08%
7) Chloroethane-d5	1.67	69	228697	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.66%
11) 1,1-Dichloroethene-d2	2.26	63	370503	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	4.17	46	435817	132.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.77%#
24) Chloroform-d	4.64	84	512833	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.30	65	316608	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.33	84	1081535	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
36) 1,2-Dichloropropane-d6	6.32	67	323491	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.18%
41) Toluene-d8	7.56	98	978880	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.85	79	143433	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.31	63	352322	127.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	515683	52.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	378881	54.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.64%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3866	0.703	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	3232	0.591	ug/L #	1
13) Acetone	2.32	43	2902	0.868	ug/L	91
39) cis-1,3-Dichloropropene	7.22	75	7895	0.909	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	5573	0.722	ug/L	85
48) 2-Hexanone	8.31	43	33680	6.215	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	34048	4.448	ug/L	95

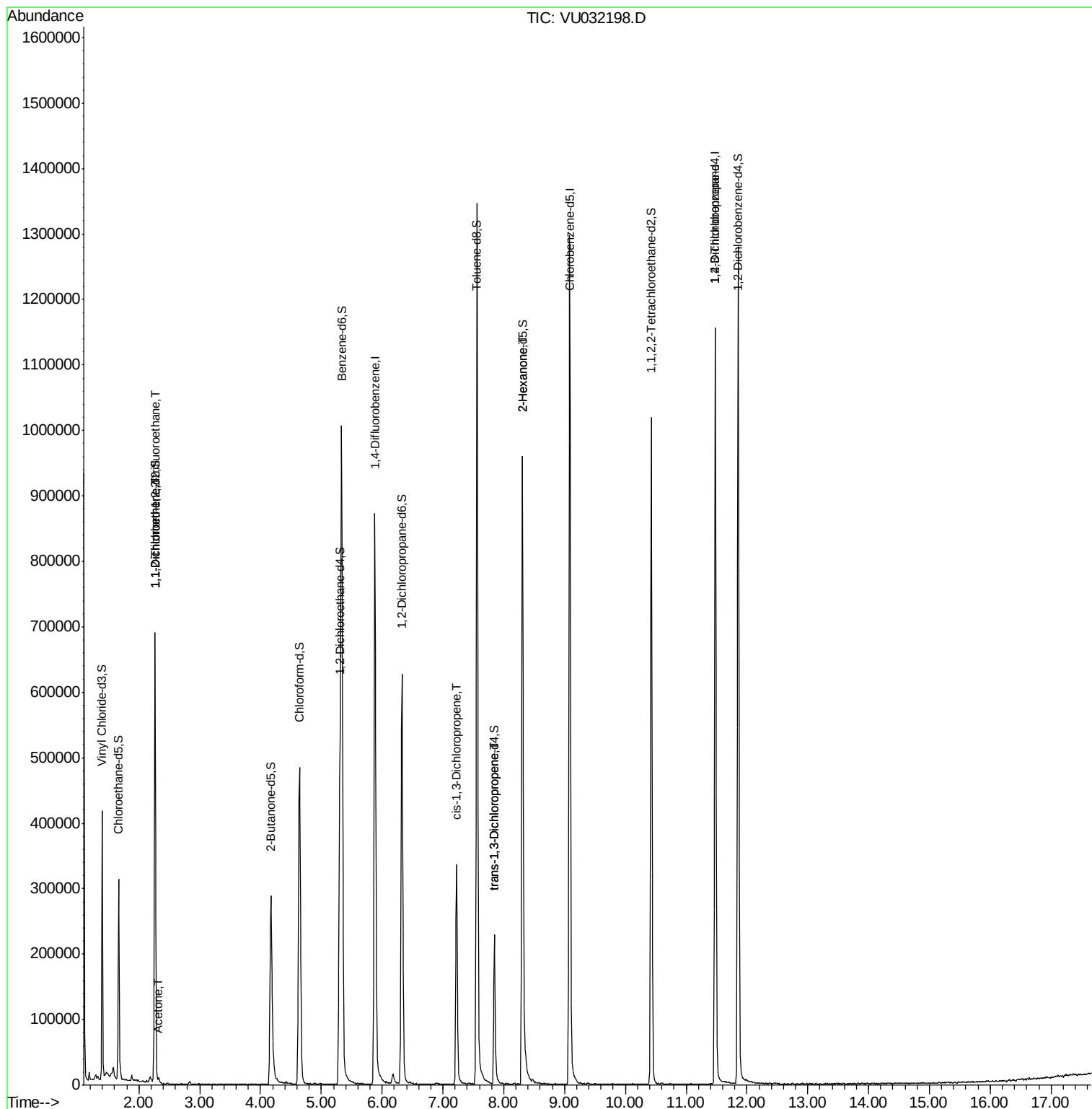
(#) = qualifier out of range (m) = manual integration (+) = signals summed

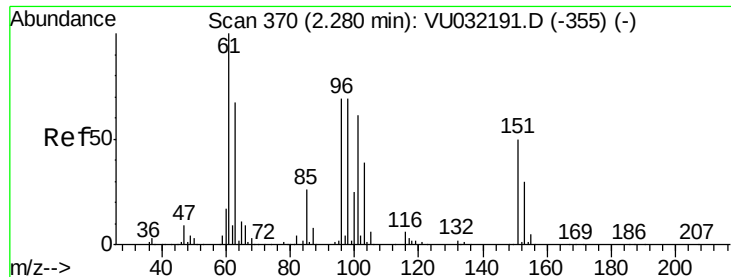
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#10

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

Concen: 0.703 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Acq: 21 May 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

BFHJ8

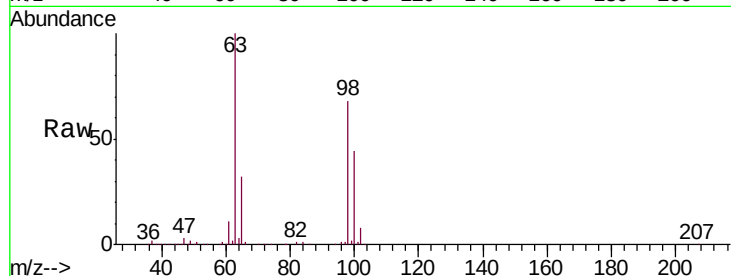
Tgt Ion: 101 Resp: 3866

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

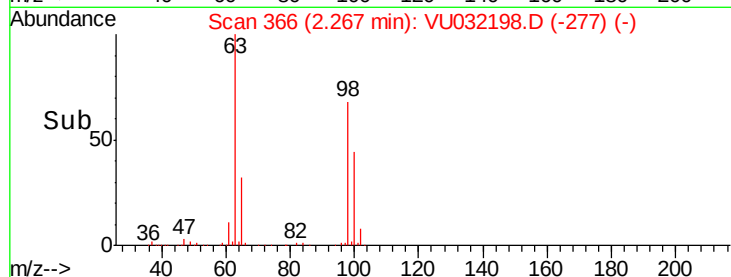
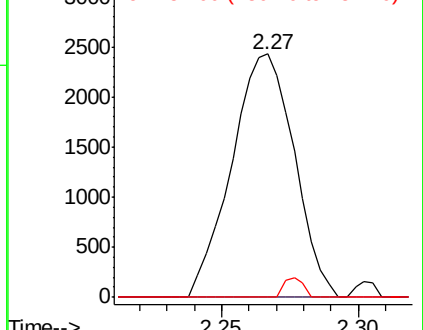
151 2.5 63.1 94.7#



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



#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032198.D

Acq: 21 May 2019 14:34

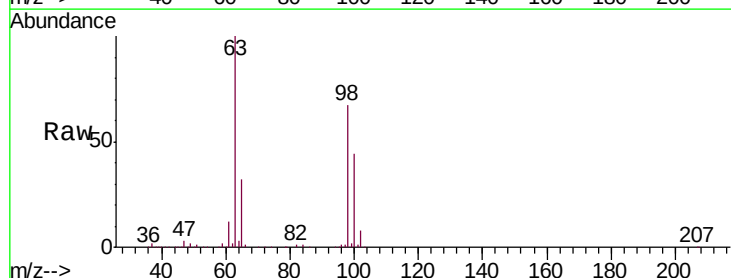
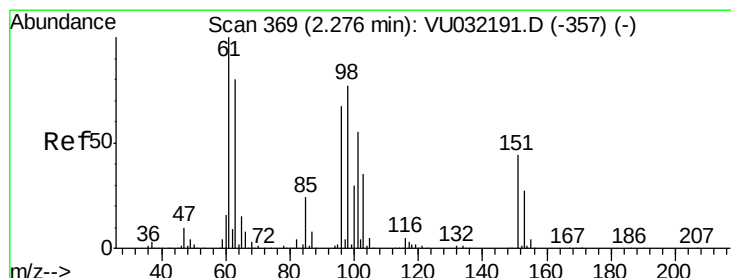
Tgt Ion: 96 Resp: 3232

Ion Ratio Lower Upper

96 100

61 1421.1 103.7 192.7#

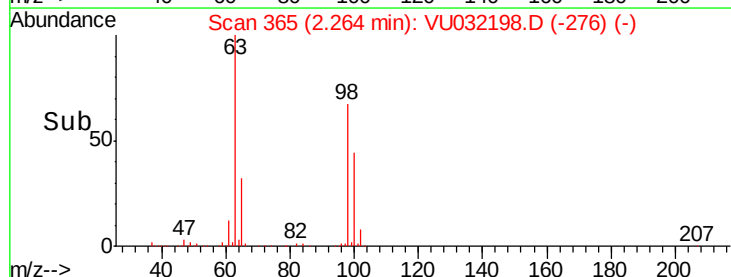
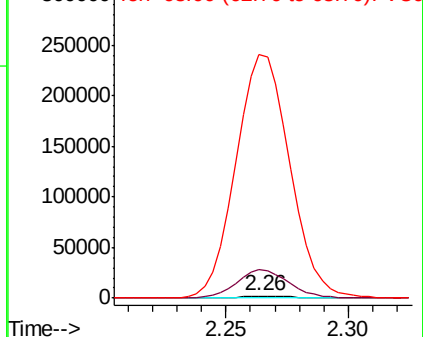
63 12252.3 83.3 154.7#

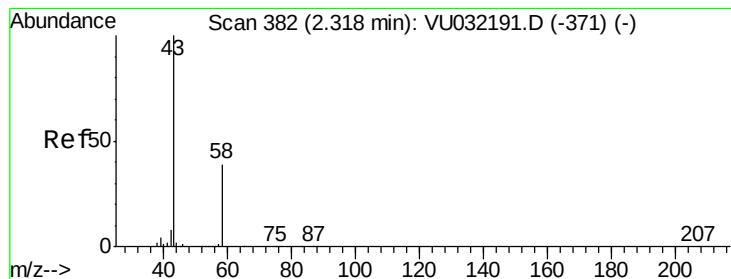


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.868 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

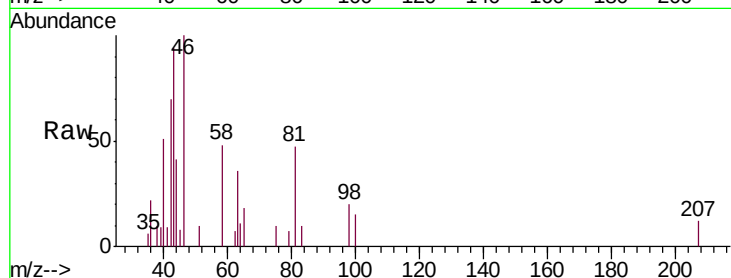
BFHJ8

Tgt Ion: 43 Resp: 2902

Ion Ratio Lower Upper

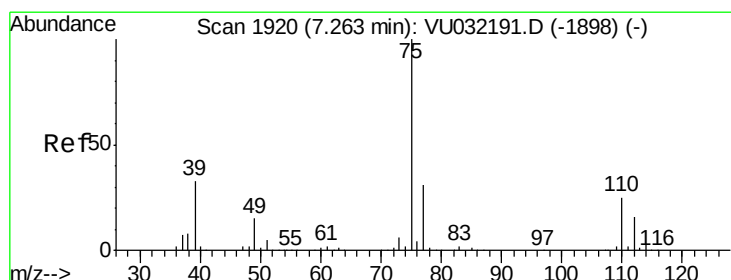
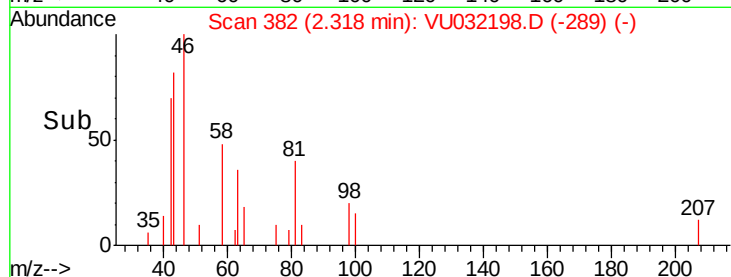
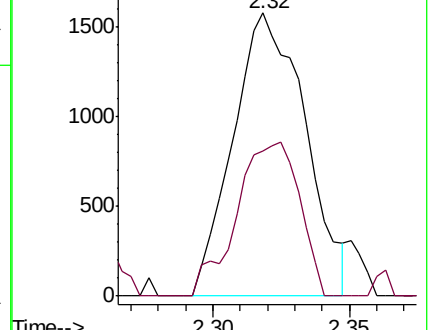
43 100

58 43.8 0.0 76.8



Abundance Ion 43.00 (42.70 to 43.70): VU032198.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU032198.D (-371) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.909 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032198.D

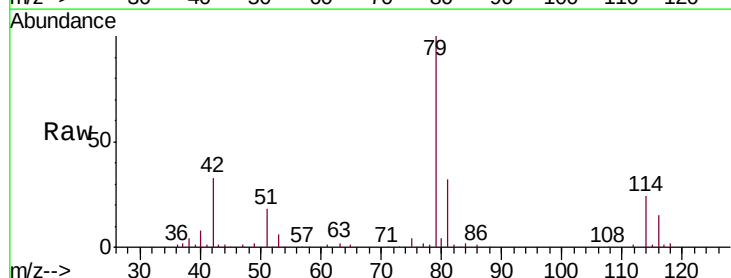
Acq: 21 May 2019 14:34

Tgt Ion: 75 Resp: 7895

Ion Ratio Lower Upper

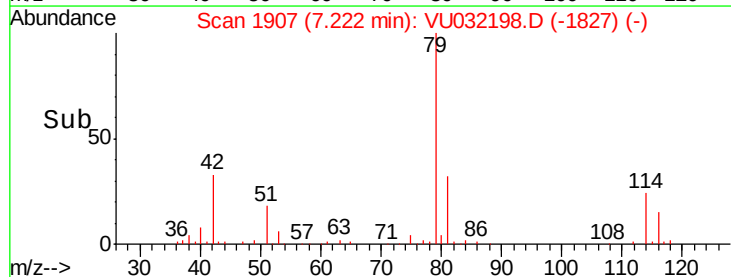
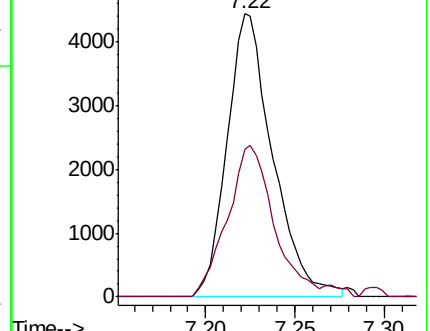
75 100

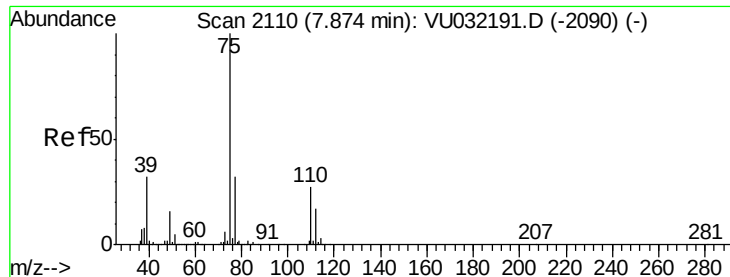
77 52.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU032198.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU032198.D (-1827) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032198.D

Acq: 21 May 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

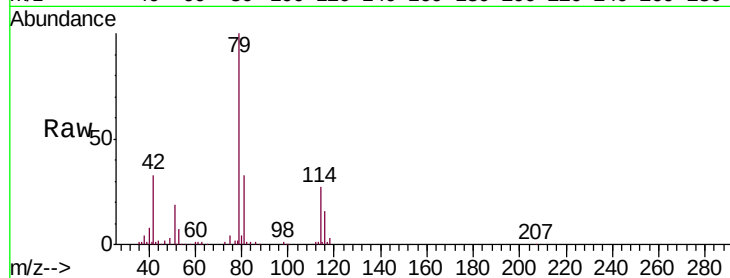
BFHJ8

Tgt Ion: 75 Resp: 5573

Ion Ratio Lower Upper

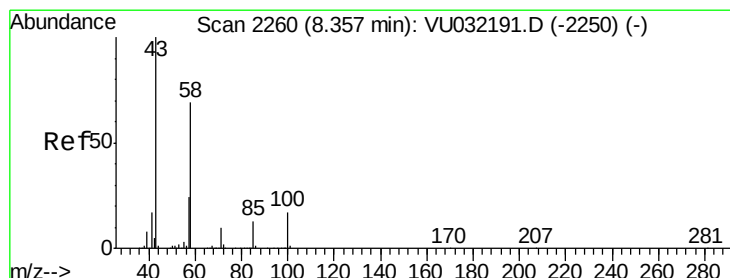
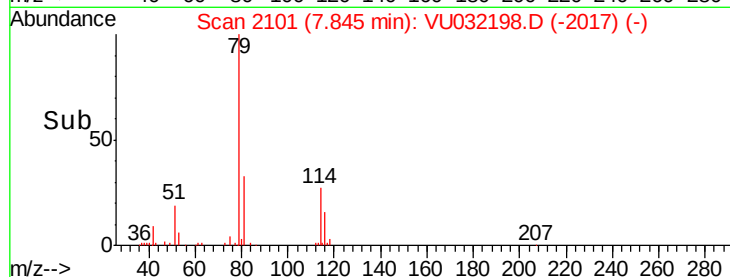
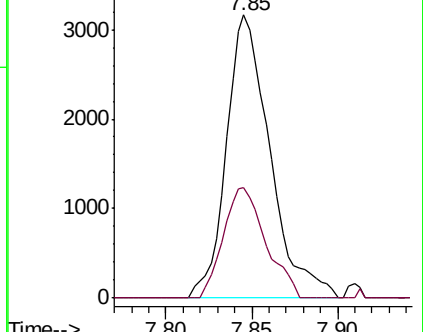
75 100

77 39.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032198.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032198.D (-2101) (-)



#48

2-Hexanone

Concen: 6.215 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032198.D

Acq: 21 May 2019 14:34

Tgt Ion: 43 Resp: 33680

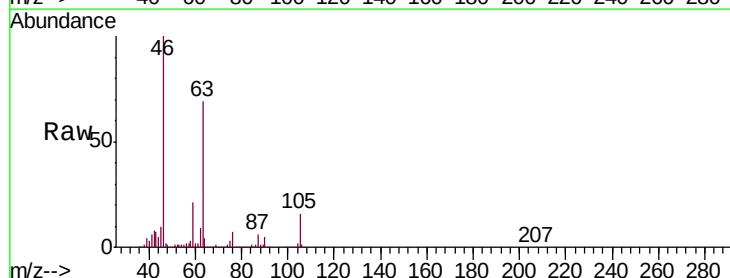
Ion Ratio Lower Upper

43 100

58 43.0 54.1 81.1#

57 36.5 19.4 29.0#

100 0.8 13.6 20.4#

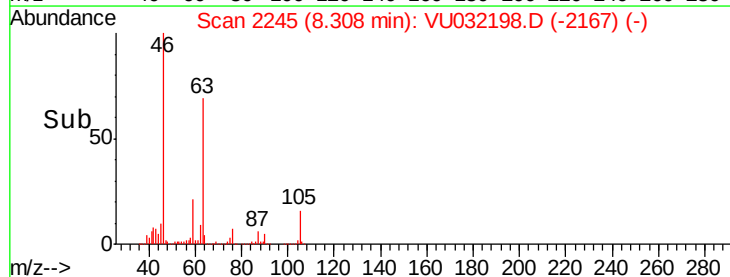
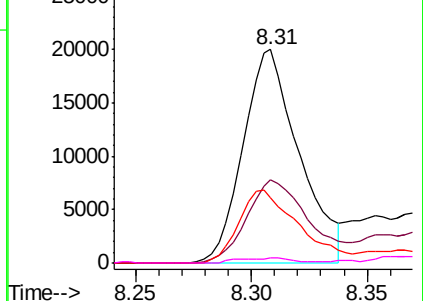


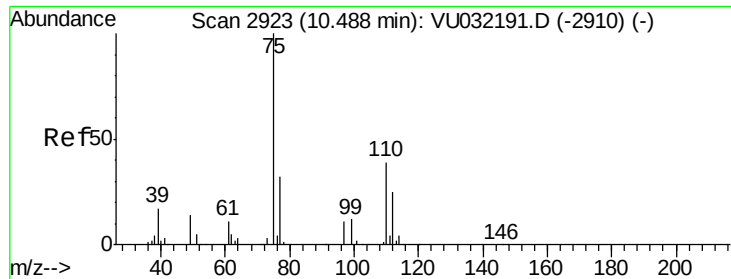
Abundance Ion 43.00 (42.70 to 43.70): VU032198.D (-2245) (-)

Ion 58.00 (57.70 to 58.70): VU032198.D (-2245) (-)

Ion 57.00 (56.70 to 57.70): VU032198.D (-2245) (-)

Ion 100.00 (99.70 to 100.70): VU032198.D (-2245) (-)





#59

1,2,3-Trichloropropane

Concen: 4.448 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032198.D

Acq: 21 May 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

BFHJ8

Tgt Ion: 75 Resp: 34048

Ion Ratio Lower Upper

75 100

77 35.1 26.0 39.0

