

Data File : VU032200.D
Acq On : 21 May 2019 15:21
Operator : JC/SP
Sample : K2862-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHJ3

Quant Time: May 22 02:12:32 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	800417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	805312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	324721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	263268	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.67	69	223373	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.27	63	370844	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.60%
21) 2-Butanone-d5	4.17	46	418634	129.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.96%
24) Chloroform-d	4.64	84	509873	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.30	65	316764	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
32) Benzene-d6	5.33	84	1079737	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.32	67	317907	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.56	98	980344	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	138011	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.31	63	330727	120.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	502718	51.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	368616	54.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.56%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3976	0.737	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	3510	0.654	ug/L #	1
13) Acetone	2.32	43	9139	2.786	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	7507	0.871	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	4973	0.649	ug/L #	71
48) 2-Hexanone	8.37	43	5525	1.028	ug/L #	55
59) 1,2,3-Trichloropropane	11.48	75	32330	4.258	ug/L	90

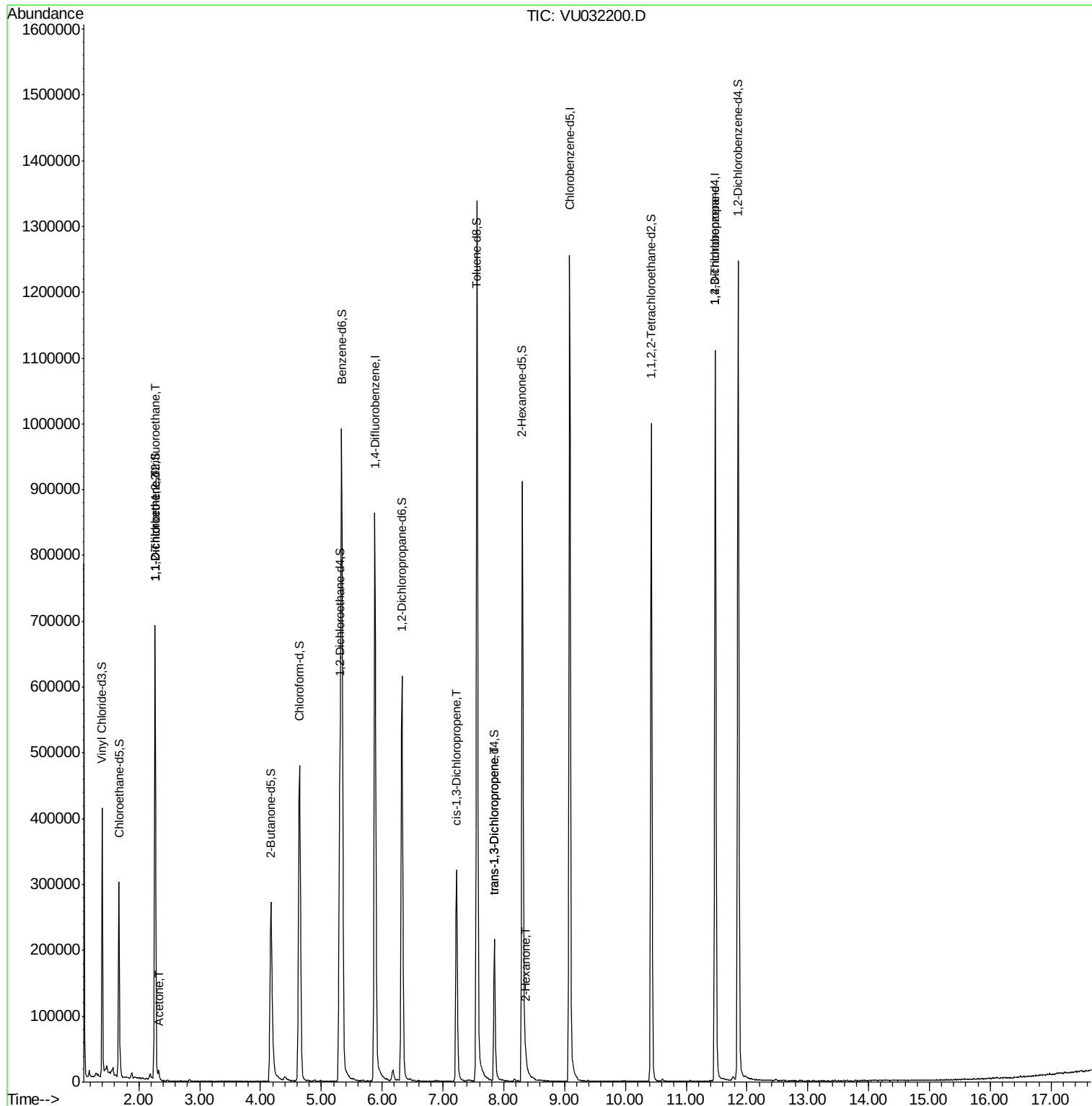
(#) = qualifier out of range (m) = manual integration (+) = signals summed

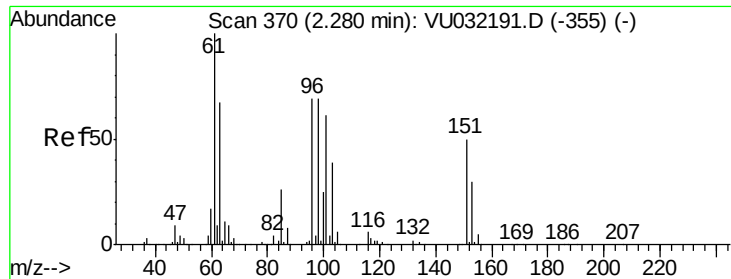
Data File : VU032200.D

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#10

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

Concen: 0.737 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

Instrument :

MSVOA_U

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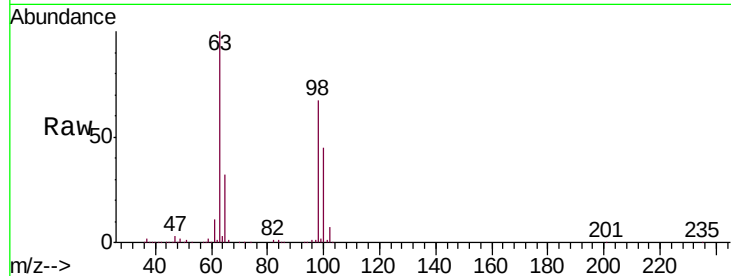
Tgt Ion:101 Resp: 3976

Ion Ratio Lower Upper

101 100

85 1.9 32.5 48.7#

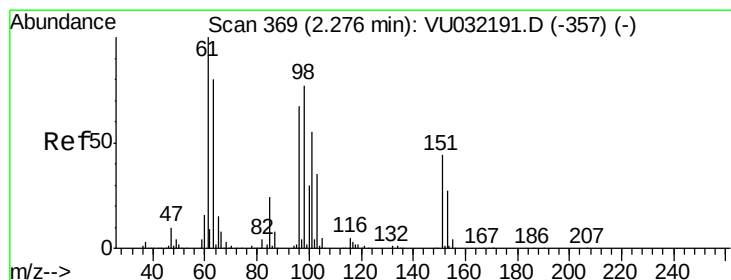
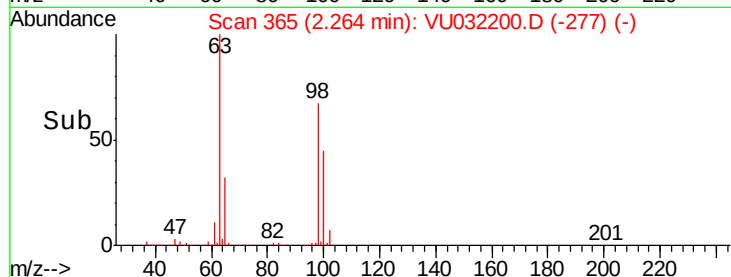
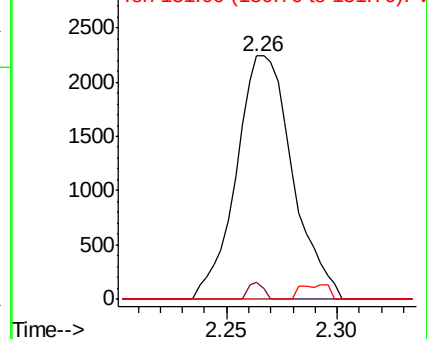
151 1.7 63.1 94.7#



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: 0.654 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

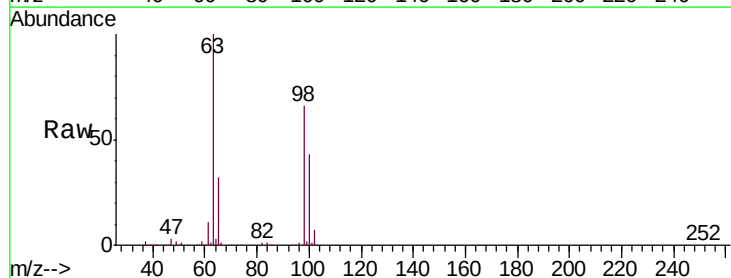
Tgt Ion: 96 Resp: 3510

Ion Ratio Lower Upper

96 100

61 1158.8 103.7 192.7#

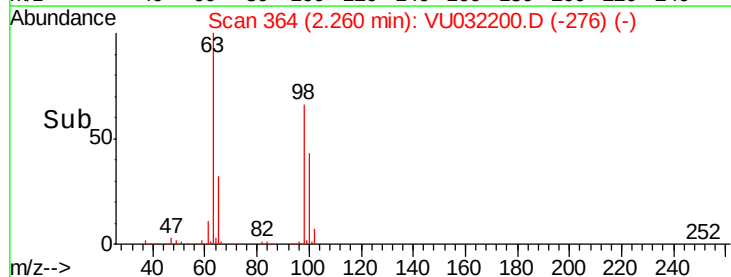
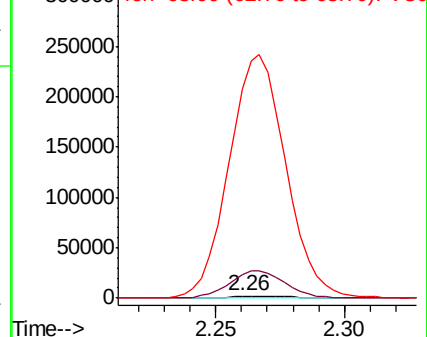
63 10285.0 83.3 154.7#

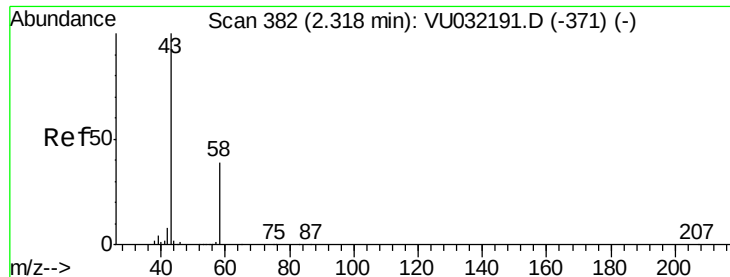


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.786 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

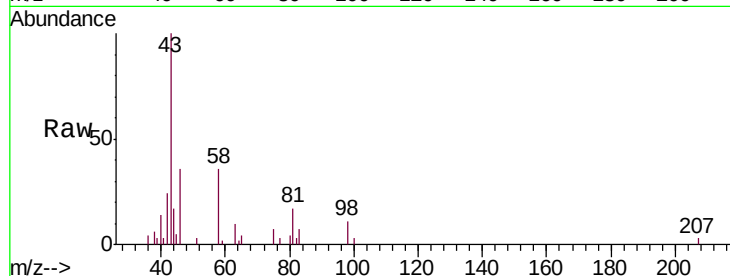
BFHJ3

Tgt Ion: 43 Resp: 9139

Ion Ratio Lower Upper

43 100

58 36.5 0.0 76.8

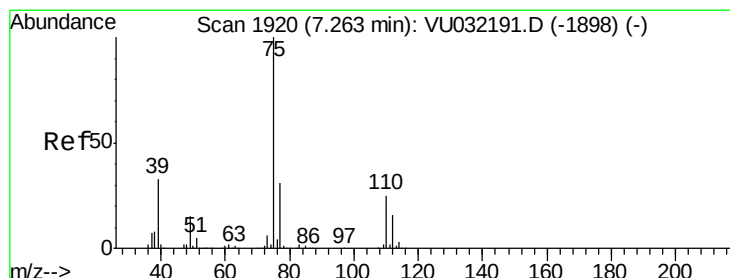
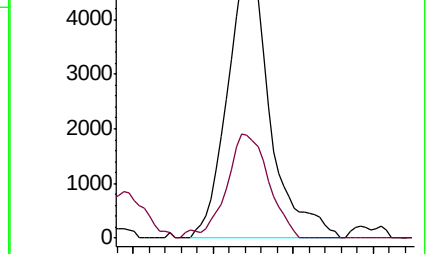
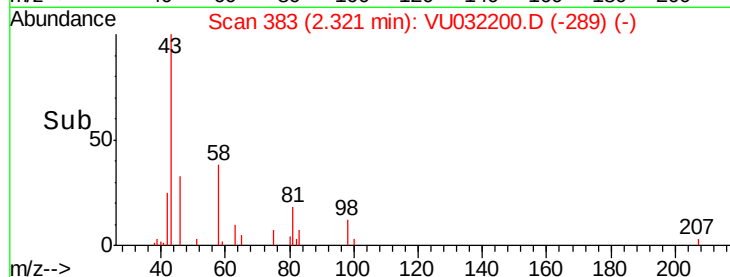


Abundance Ion 43.00 (42.70 to 43.70): VU032191.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU032191.D (-371) (-)

2.32

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032200.D

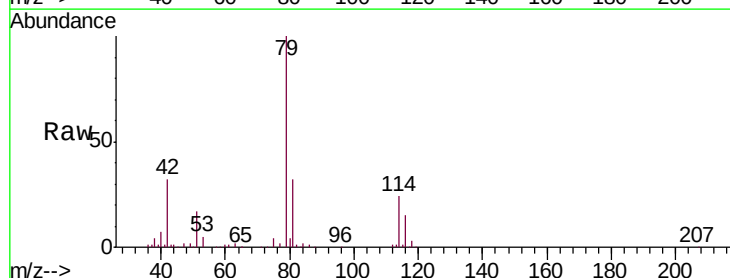
Acq: 21 May 2019 15:21

Tgt Ion: 75 Resp: 7507

Ion Ratio Lower Upper

75 100

77 51.5 22.2 41.2#

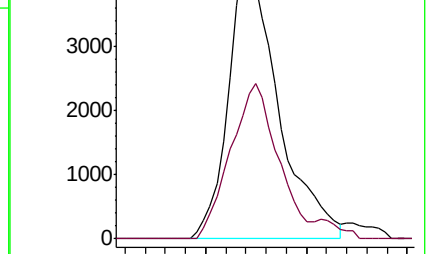
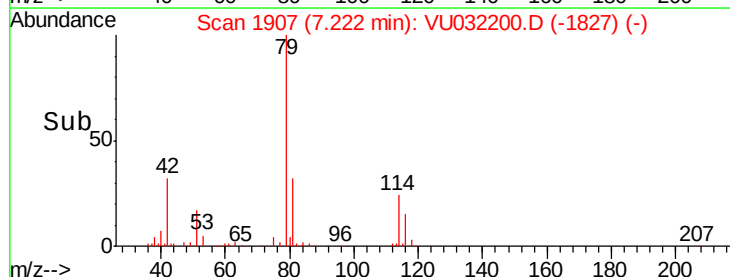


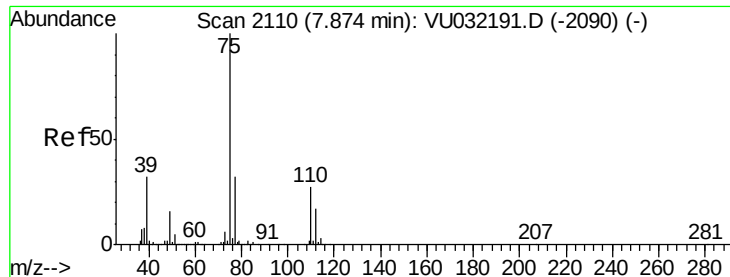
Abundance Ion 75.00 (74.70 to 75.70): VU032191.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU032191.D (-1898) (-)

7.22

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

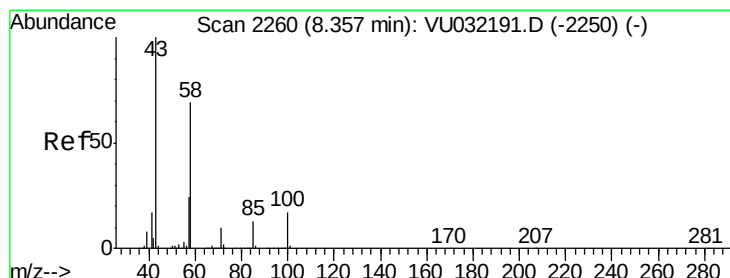
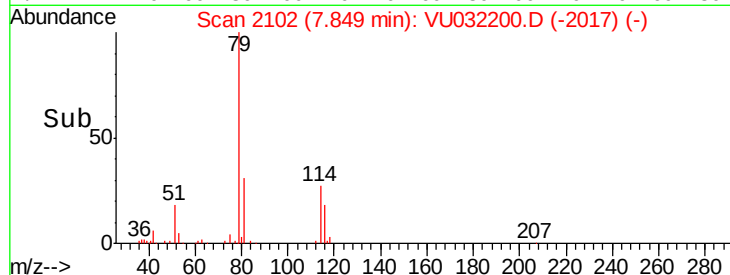
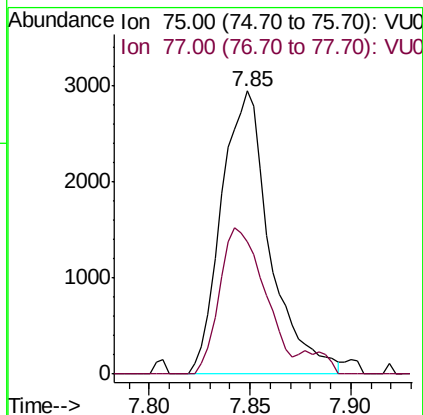
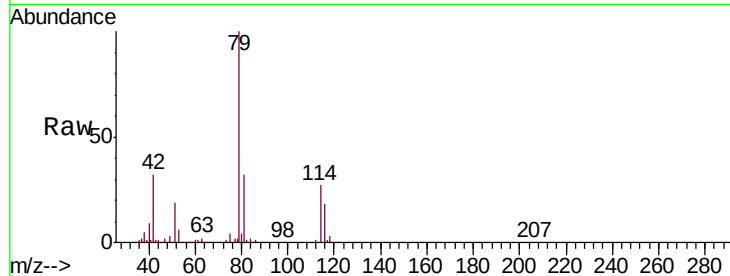
BFHJ3

Tgt Ion: 75 Resp: 4973

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.4#



#48

2-Hexanone

Concen: 1.028 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

Tgt Ion: 43 Resp: 5525

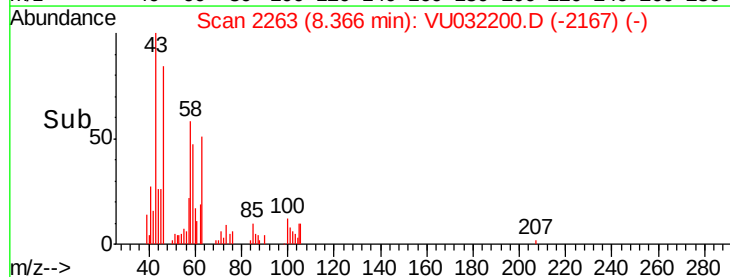
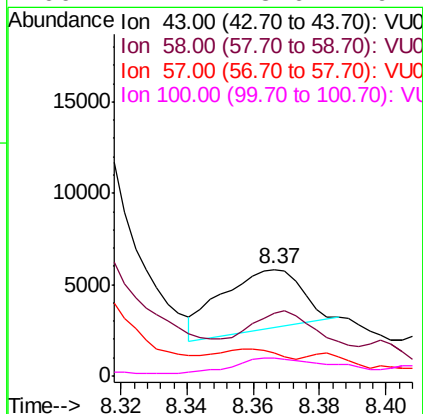
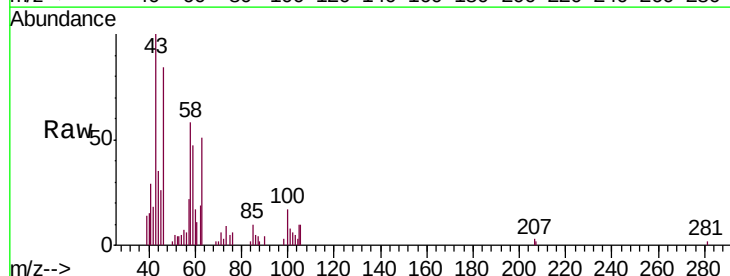
Ion Ratio Lower Upper

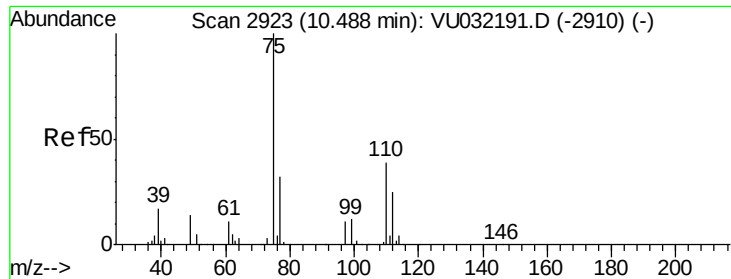
43 100

58 114.3 54.1 81.1#

57 11.5 19.4 29.0#

100 27.1 13.6 20.4#





#59

1,2,3-Trichloropropane

Concen: 4.258 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032200.D

Acq: 21 May 2019 15:21

Instrument :

MSVOA_U

ClientSampleId :

BFHJ3

Tgt Ion: 75 Resp: 32330

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0

