

Data File : VU030292.D
Acq On : 22 Mar 2019 01:28
Operator : JC/SP
Sample : K2048-02
Misc : 5.68g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0F3

Quant Time: Mar 22 05:22:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	550375	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	559424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	172988	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.96%
7) Chloroethane-d5	1.64	69	79585	26.74	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.48%#
11) 1,1-Dichloroethene-d2	2.23	63	237700	35.01	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	4.20	46	298110	107.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.64	84	328471	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.30	65	198517	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
32) Benzene-d6	5.33	84	712835	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.32	67	226068	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.56	98	638316	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	99668	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.32	63	256999	108.65	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	376209	53.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	287094	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

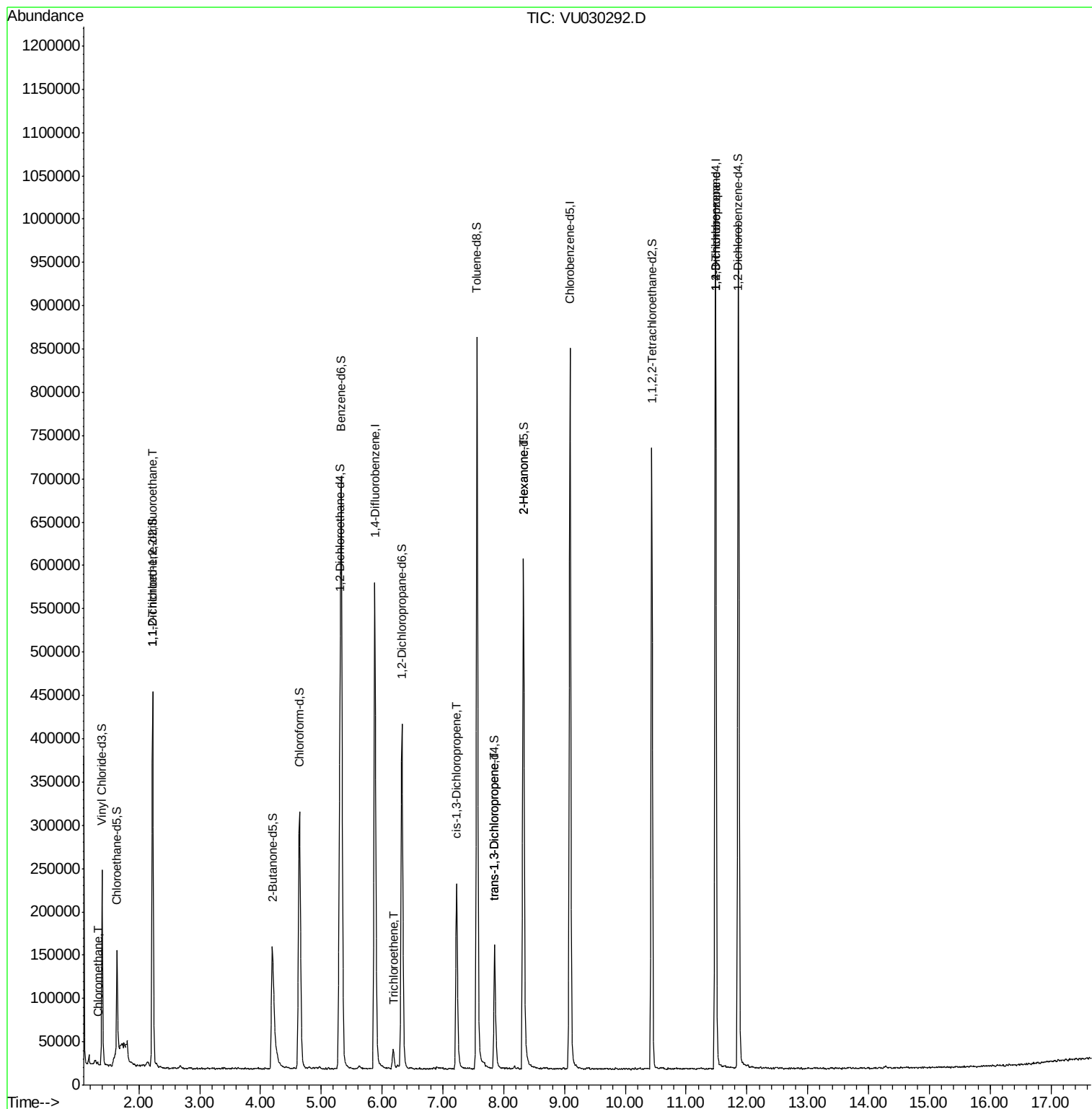
					Qvalue	
3) Chloromethane	1.32	50	3226	0.715	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2486	0.672	ug/L #	18
34) Trichloroethene	6.18	95	7894	1.856	ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	4985	0.752	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	3778	0.658	ug/L	89
48) 2-Hexanone	8.32	43	24311	5.156	ug/L #	62
59) 1,2,3-Trichloropropane	11.49	75	29366	5.256	ug/L	95

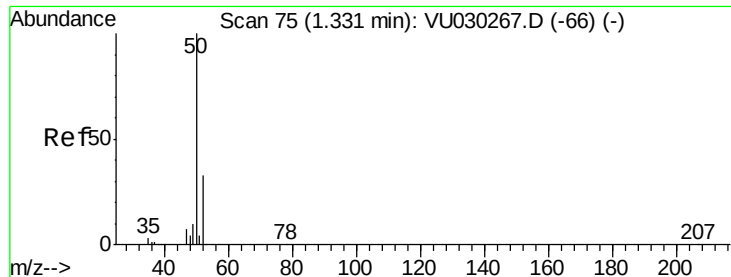
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.715 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030292.D

Acq: 22 Mar 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

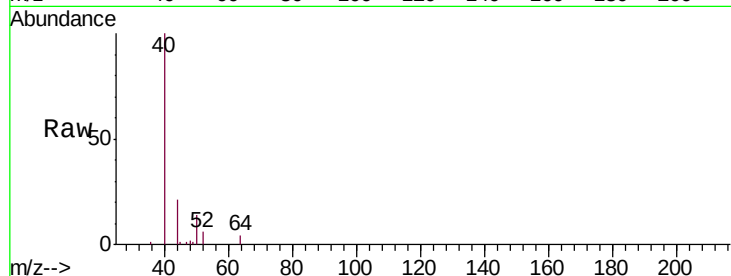
BF0F3

Tgt Ion: 50 Resp: 3226

Ion Ratio Lower Upper

50 100

52 39.9 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030267.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030267.D (-66) (-)

1.32

2500

2000

1500

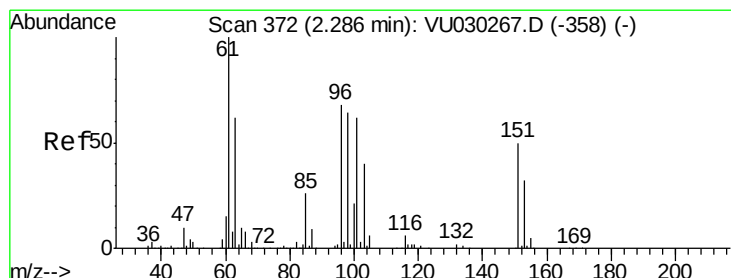
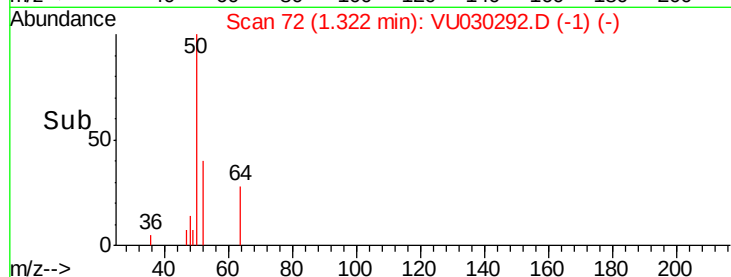
1000

500

0

Time-->

1.28 1.30 1.32 1.34 1.36



#10

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

Concen: 0.672 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU030292.D

Acq: 22 Mar 2019 01:28

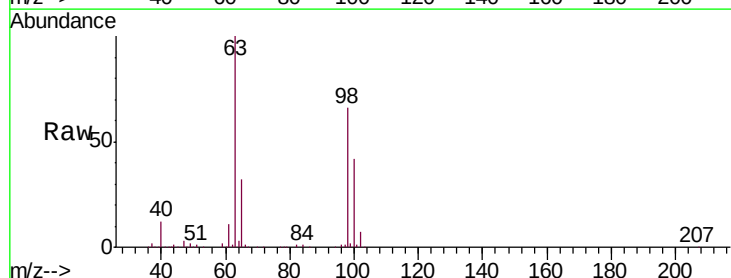
Tgt Ion: 101 Resp: 2486

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): VU030267.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU030267.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU030267.D (-358) (-)

2.23

2000

1500

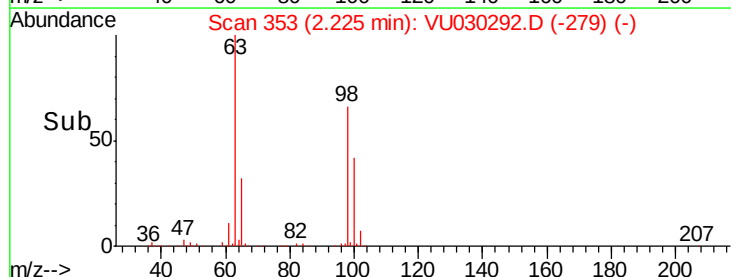
1000

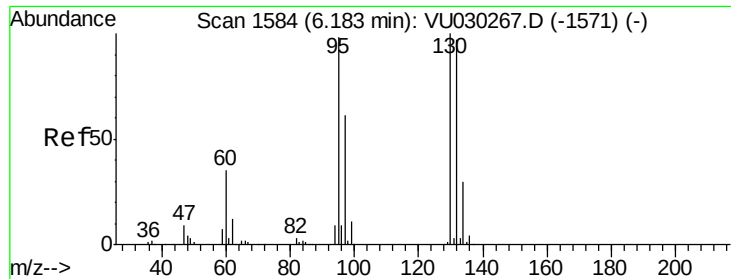
500

0

Time-->

2.20 2.25





#34

Trichloroethene

Concen: 1.856 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030292.D

Acq: 22 Mar 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

BF0F3

Tgt Ion: 95 Resp: 7894

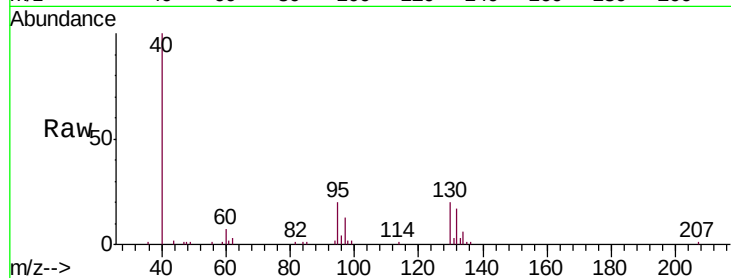
Ion Ratio Lower Upper

95 100

97 67.0 46.2 85.8

132 86.5 69.3 128.7

130 101.7 73.6 136.6

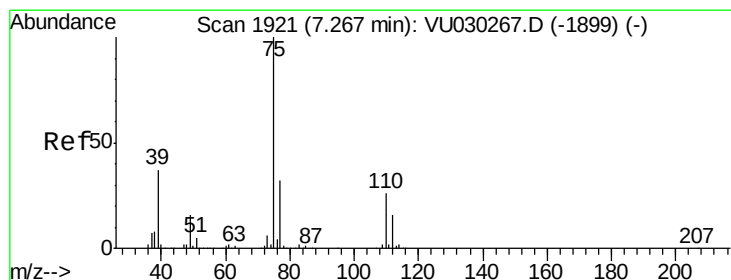
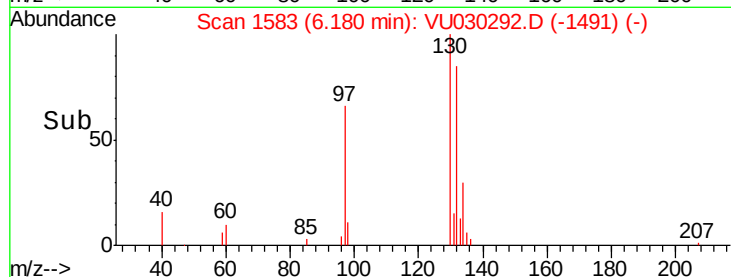
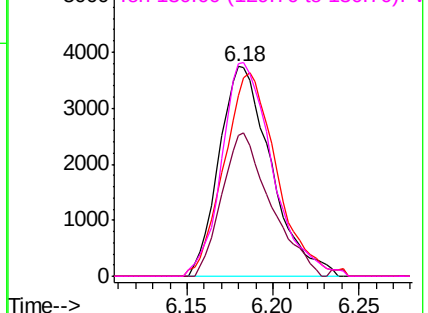


Abundance Ion 95.00 (94.70 to 95.70): VU030267.D (-1571) (-)

Ion 97.00 (96.70 to 97.70): VU030267.D (-1571) (-)

Ion 132.00 (131.70 to 132.70): VU030267.D (-1571) (-)

Ion 130.00 (129.70 to 130.70): VU030267.D (-1571) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030292.D

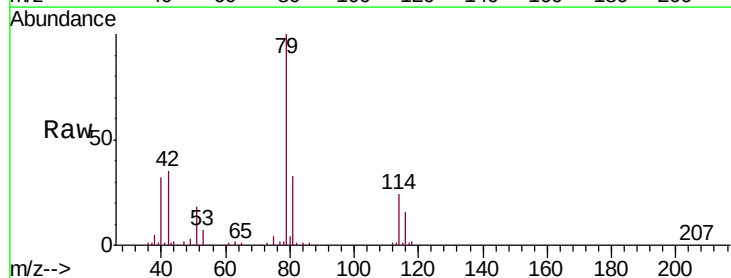
Acq: 22 Mar 2019 01:28

Tgt Ion: 75 Resp: 4985

Ion Ratio Lower Upper

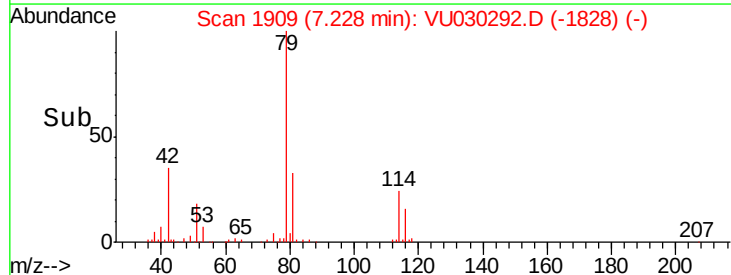
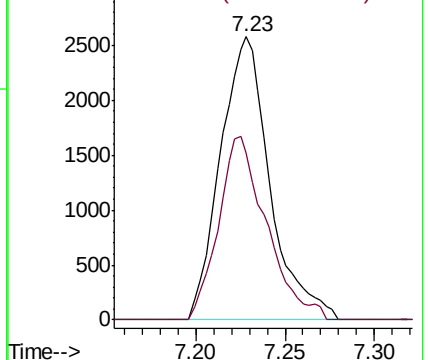
75 100

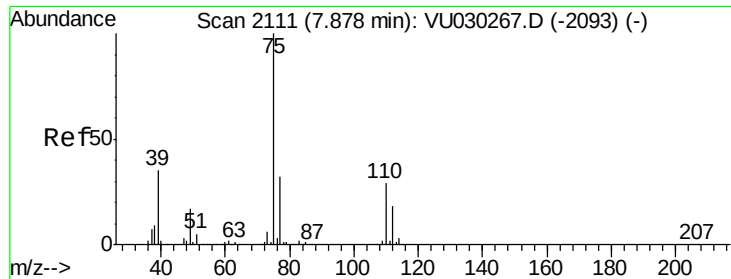
77 59.0 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-1899) (-)

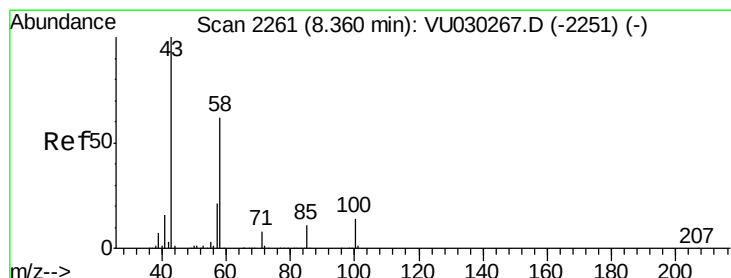
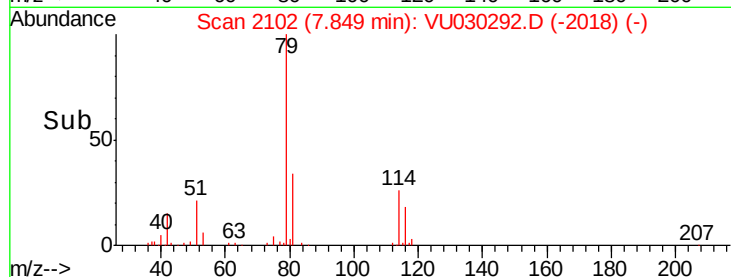
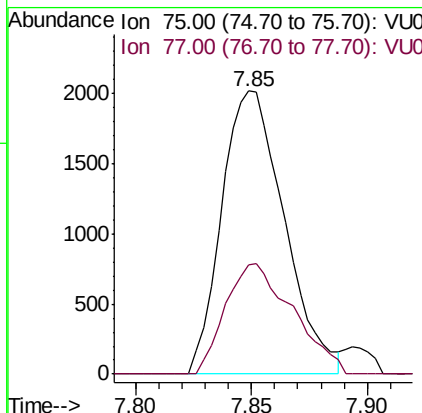
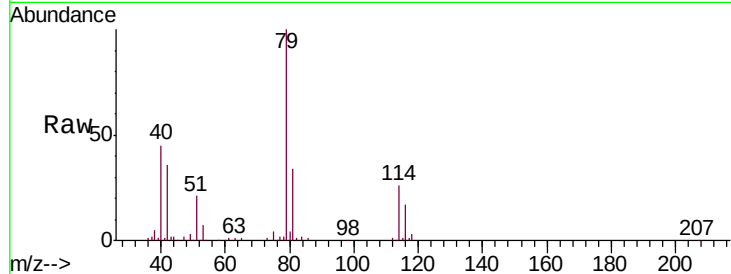




#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030292.D
Acq: 22 Mar 2019 01:28

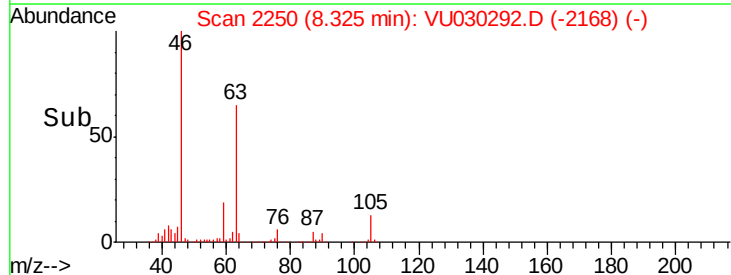
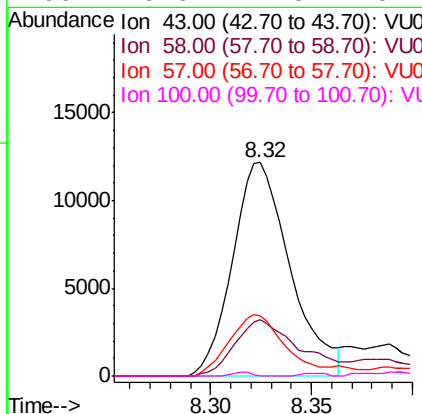
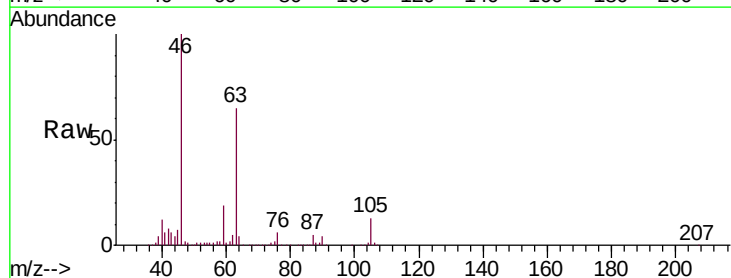
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MSVOA_U
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BF0F3

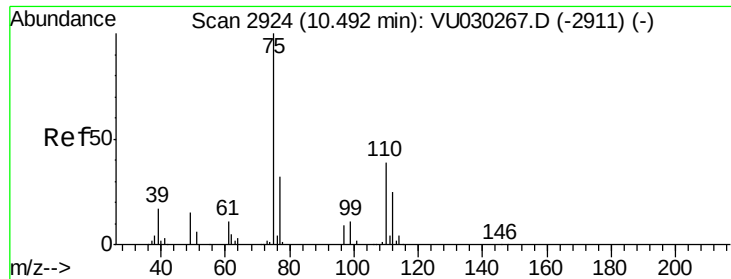
Tgt Ion: 75 Resp: 3778
Ion Ratio Lower Upper
75 100
77 38.5 22.7 42.1



#48
2-Hexanone
Concen: 5.156 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030292.D
Acq: 22 Mar 2019 01:28

Tgt Ion: 43 Resp: 24311
Ion Ratio Lower Upper
43 100
58 24.8 49.3 73.9#
57 27.6 17.0 25.4#
100 0.6 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 5.256 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 0.99 min

Lab File: VU030292.D

Acq: 22 Mar 2019 01:28

Instrument :

MSVOA_U

ClientSampleId :

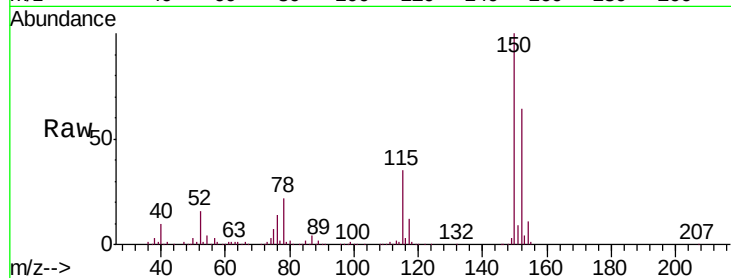
BF0F3

Tgt Ion: 75 Resp: 29366

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

