

Data File : VU030291.D
Acq On : 22 Mar 2019 01:05
Operator : JC/SP
Sample : K2048-01
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0F2

Quant Time: Mar 22 05:22:01 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	537843	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	546453	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	280707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	158868	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.64	69	72660	24.99	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.98%#
11) 1,1-Dichloroethene-d2	2.31	63	257	0.04	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.19	46	272911	101.15	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.64	84	302241	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.30	65	183794	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.33	84	649747	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.32	67	206722	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.80%
41) Toluene-d8	7.56	98	579597	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.85	79	93036	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
47) 2-Hexanone-d5	8.32	63	239664	103.72	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345744	50.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	264836	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

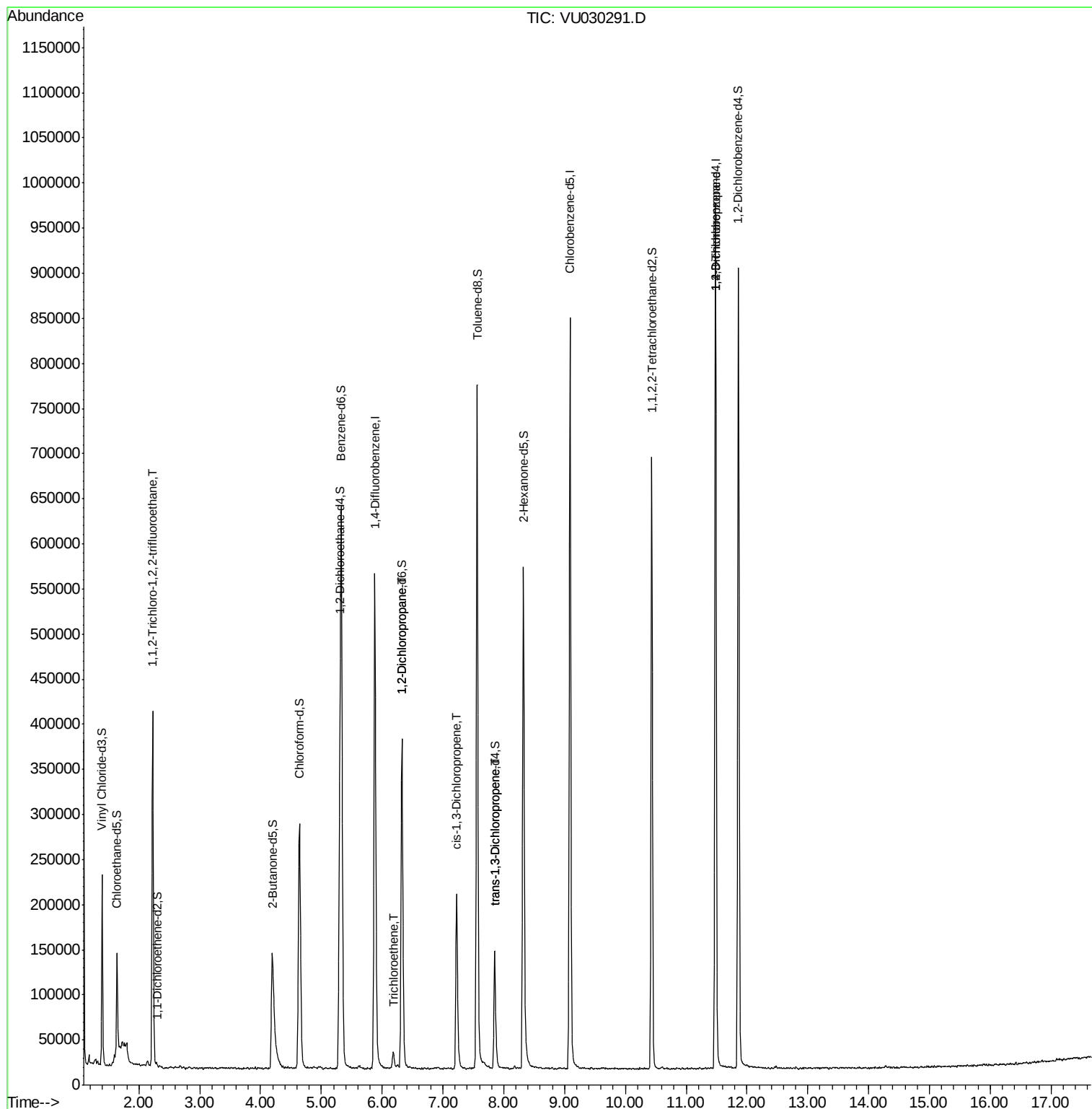
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2212	0.612 ug/L #	18
34) Trichloroethene	6.19	95	6938	1.670 ug/L	97
37) 1,2-Dichloropropane	6.32	63	19917	4.933 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	4903	0.757 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	3464	0.618 ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	28751	5.268 ug/L	96

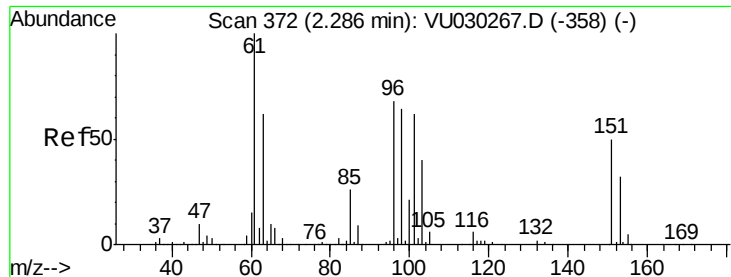
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.612 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

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ClientSampleId :

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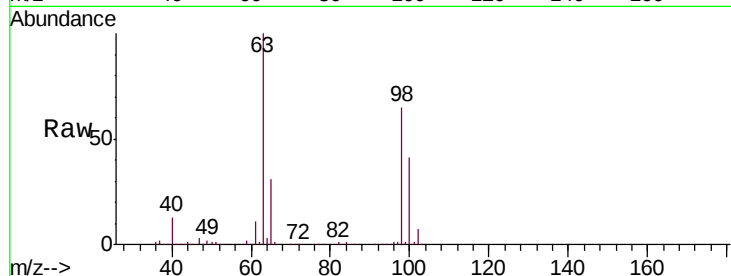
Tgt Ion:101 Resp: 2212

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

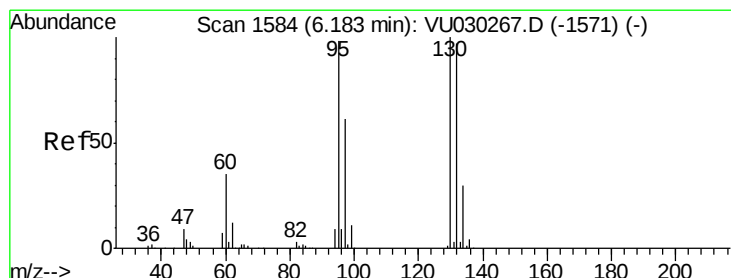
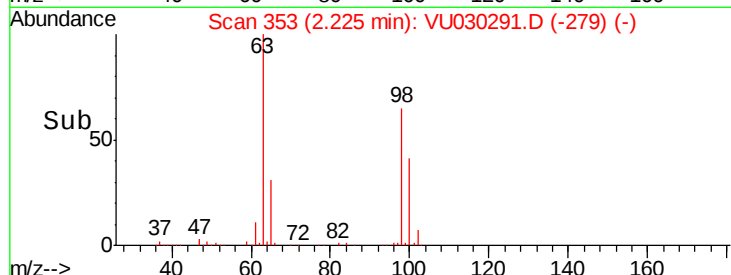
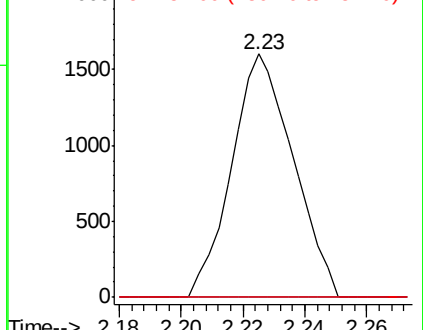
151 0.0 64.7 97.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 1.670 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030291.D

Acq: 22 Mar 2019 01:05

Tgt Ion: 95 Resp: 6938

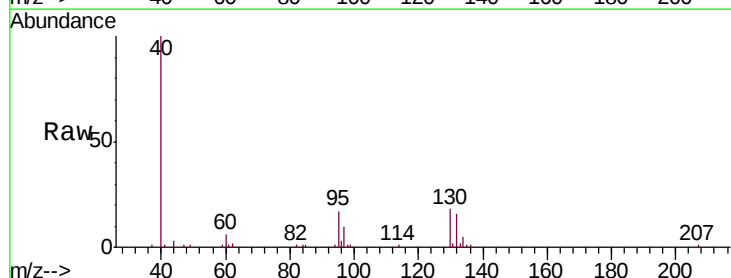
Ion Ratio Lower Upper

95 100

97 60.9 46.2 85.8

132 96.4 69.3 128.7

130 106.5 73.6 136.6

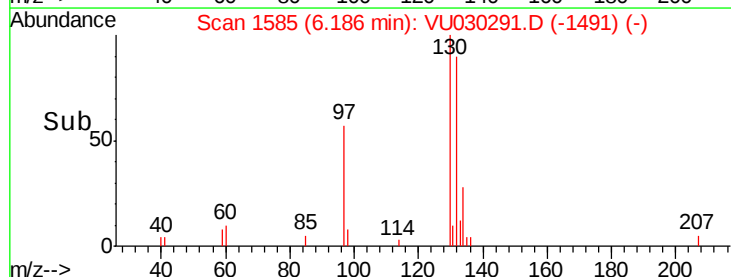
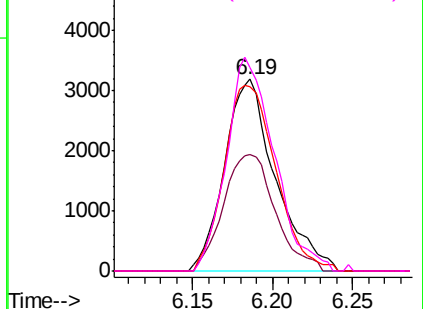


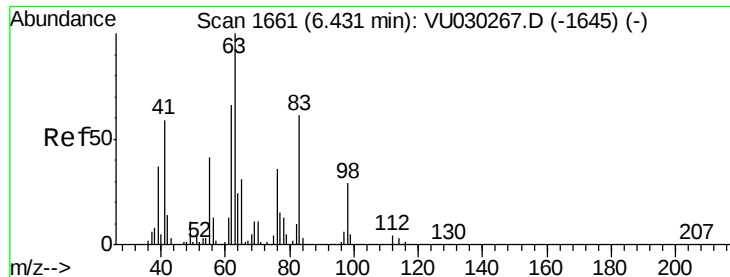
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 4.933 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

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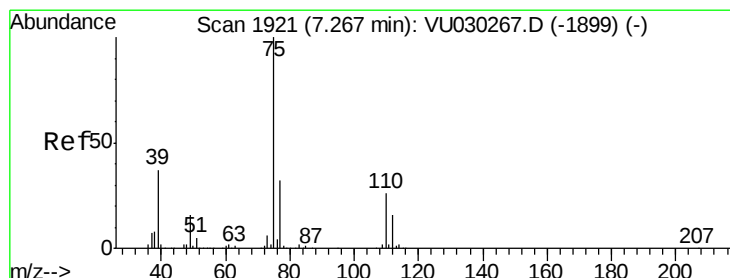
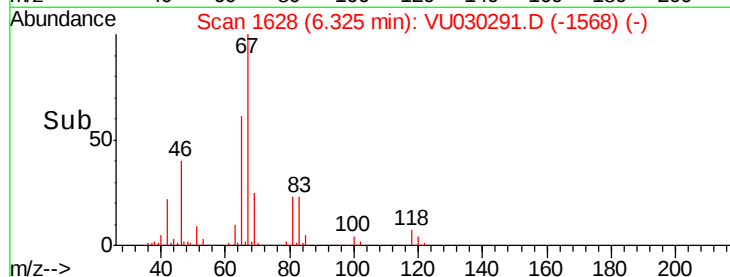
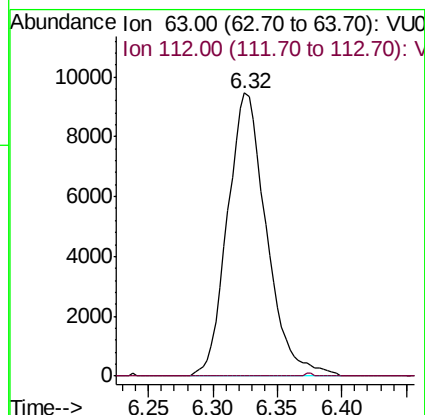
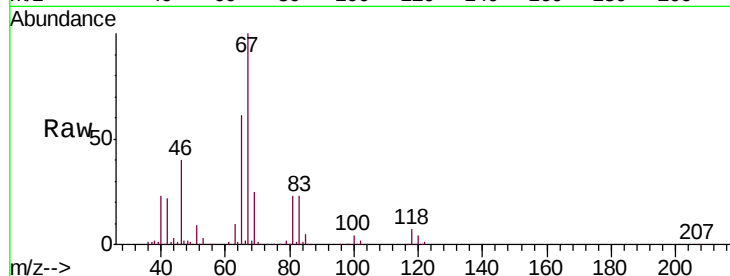
BF0F2

Tgt Ion: 63 Resp: 19917

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.757 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030291.D

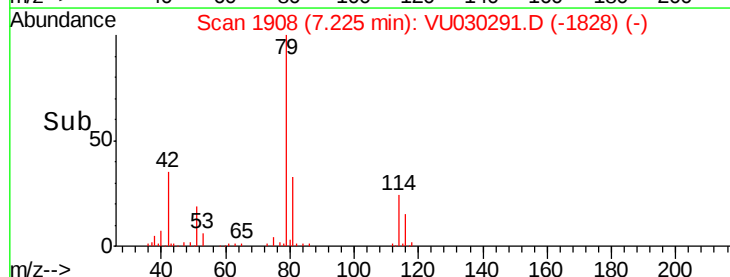
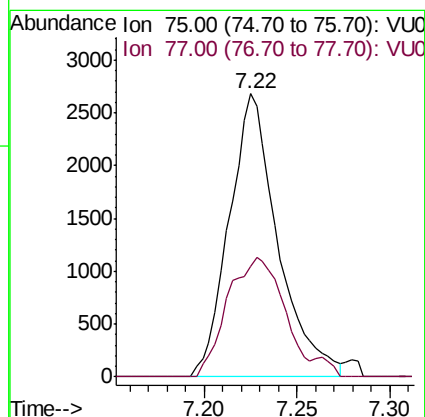
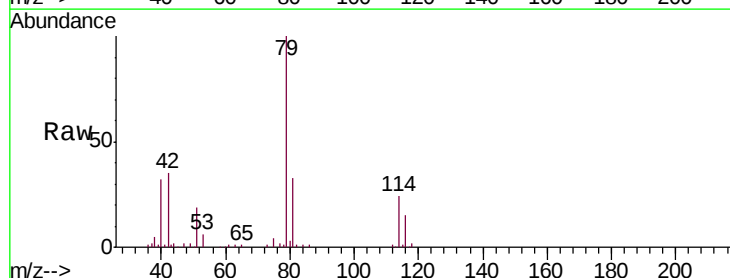
Acq: 22 Mar 2019 01:05

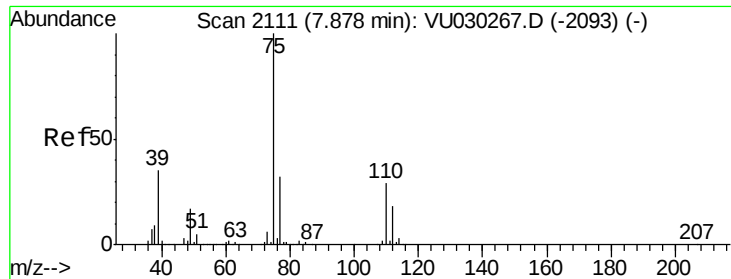
Tgt Ion: 75 Resp: 4903

Ion Ratio Lower Upper

75 100

77 39.3 22.1 41.1





#44

trans-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030291.D

Acq: 22 Mar 2019 01:05

Instrument :

MSVOA_U

ClientSampleId :

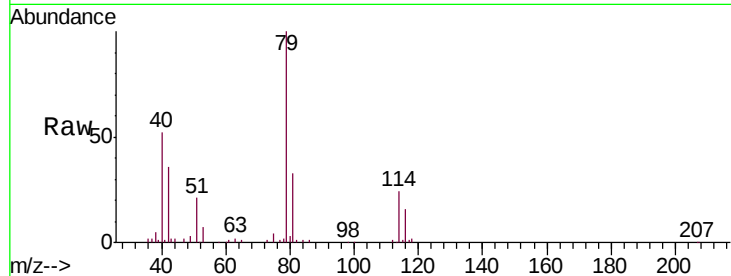
BF0F2

Tgt Ion: 75 Resp: 3464

Ion Ratio Lower Upper

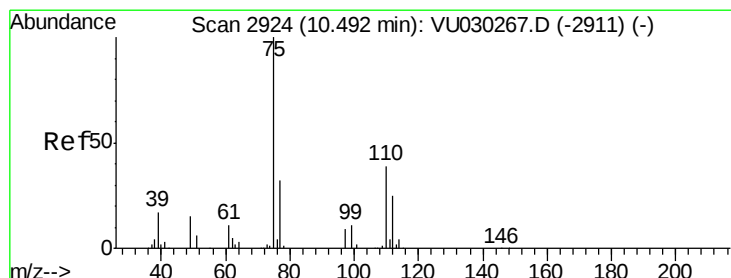
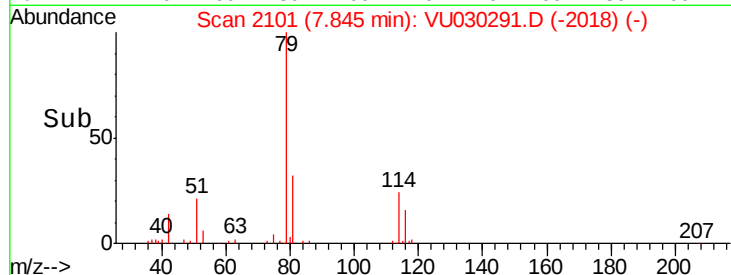
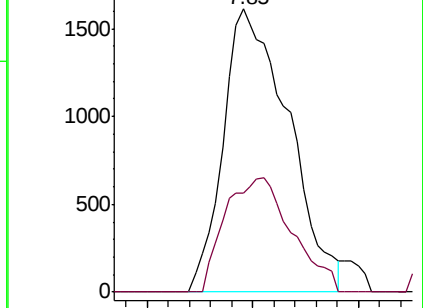
75 100

77 34.8 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-2093) (-)



#59

1,2,3-Trichloropropane

Concen: 5.268 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 0.99 min

Lab File: VU030291.D

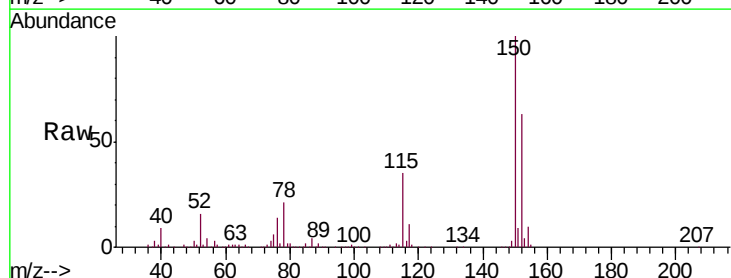
Acq: 22 Mar 2019 01:05

Tgt Ion: 75 Resp: 28751

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030267.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU030267.D (-2911) (-)

