

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031160.D
 Acq On : 13 Apr 2019 16:41
 Operator : JC/SP
 Sample : K2341-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB729

Quant Time: Apr 13 22:31:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	202889	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.96%
7) Chloroethane-d5	1.67	69	163093	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.64%
11) 1,1-Dichloroethene-d2	2.26	63	283484	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	4.17	46	320810	95.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	4.64	84	339731	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
26) 1,2-Dichloroethane-d4	5.30	65	224344	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.33	84	679365	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.32	67	227349	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.62%
41) Toluene-d8	7.56	98	562484	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	95527	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.31	63	187452	88.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307575	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	188351	54.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

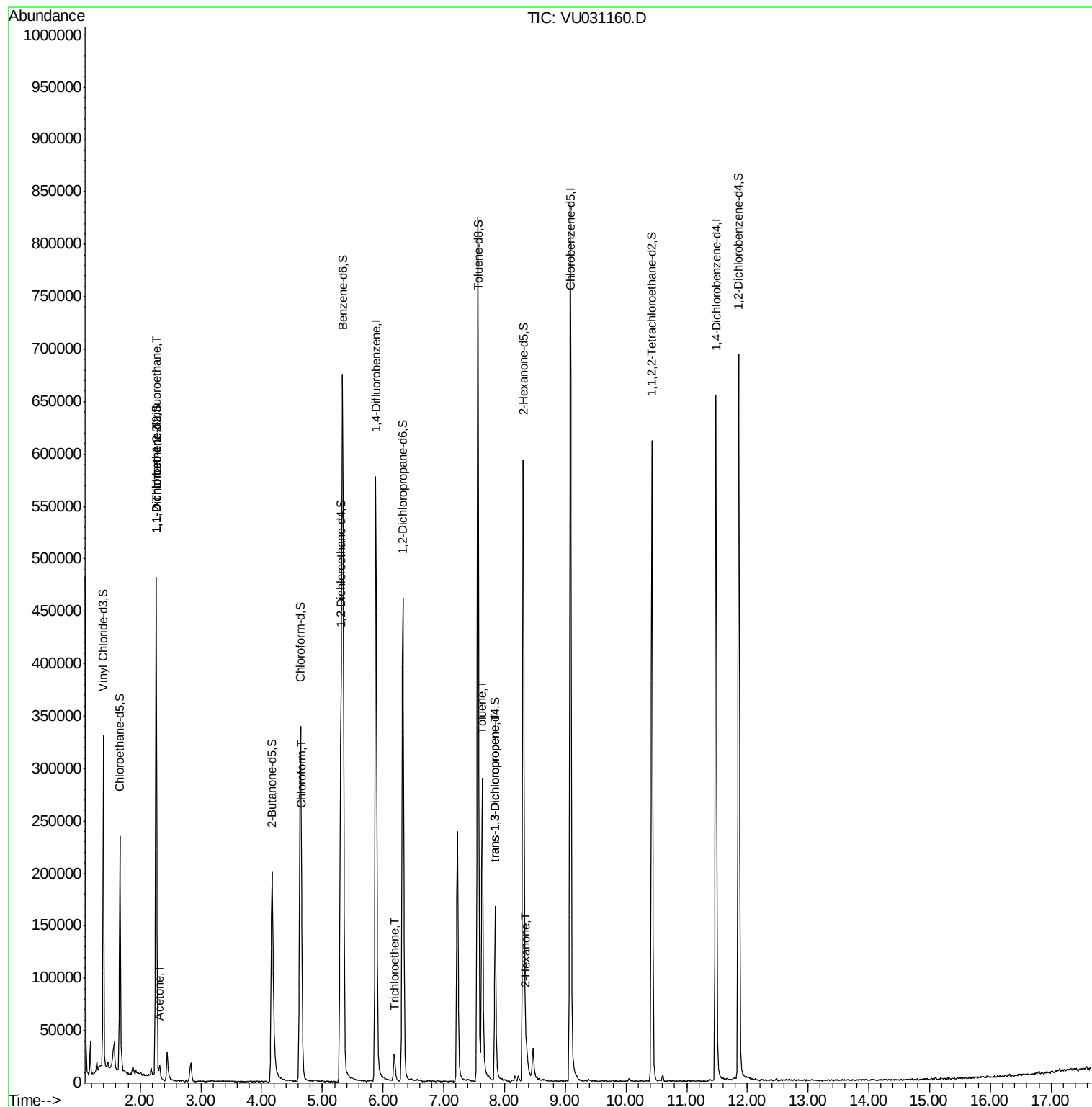
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2806	0.827	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2077	0.634	ug/L #	1
13) Acetone	2.32	43	10594	3.089	ug/L	98
25) Chloroform	4.67	83	10755	1.491	ug/L	96
34) Trichloroethene	6.19	95	9069	2.452	ug/L	95
42) Toluene	7.63	91	216632	14.073	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3906	0.729	ug/L #	67
48) 2-Hexanone	8.36	43	11302	2.110	ug/L #	68

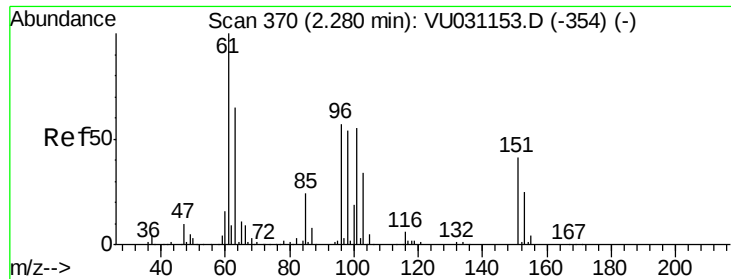
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 22:25:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.827 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031160.D

Acq: 13 Apr 2019 16:41

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DB729

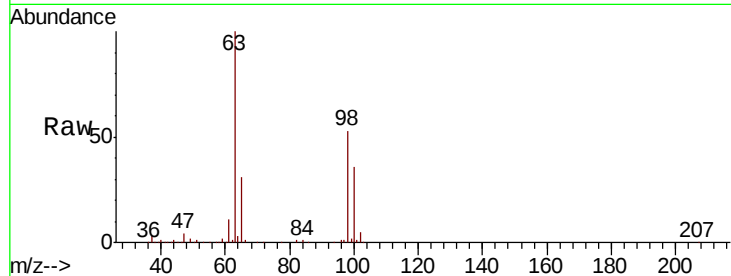
Tot Ion:101 Resp: 2806

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

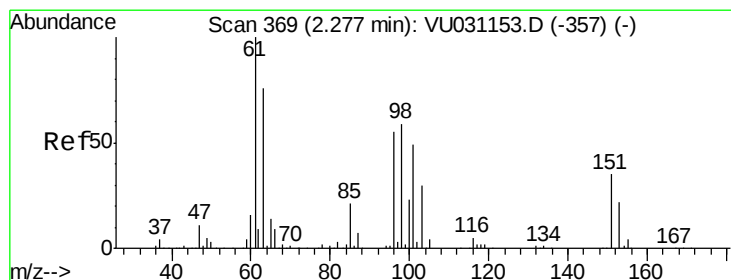
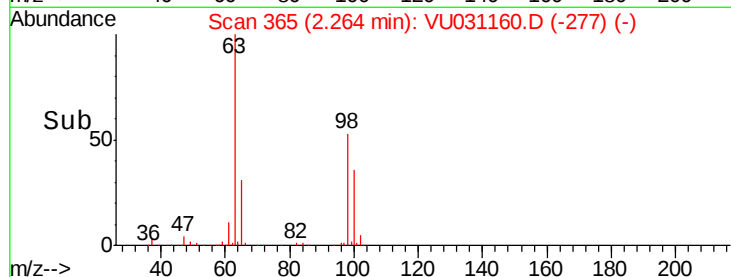
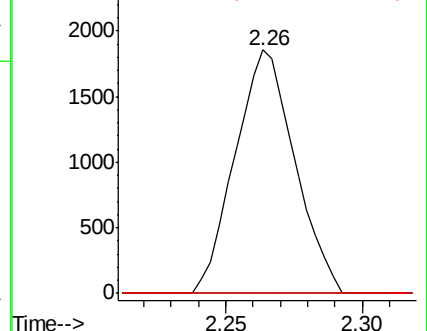
151 0.0 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 0.634 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031160.D

Acq: 13 Apr 2019 16:41

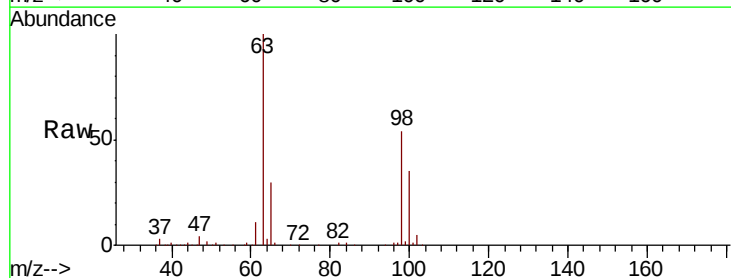
Tgt Ion: 96 Resp: 2077

Ion Ratio Lower Upper

96 100

61 1329.5 132.0 245.2#

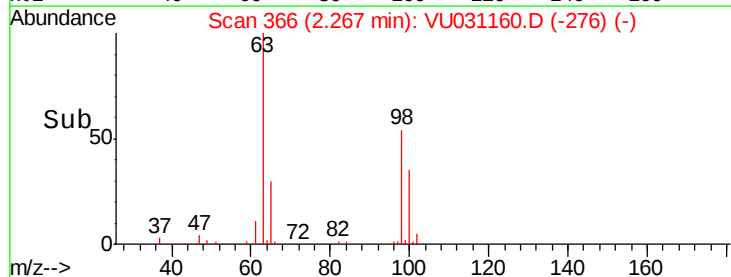
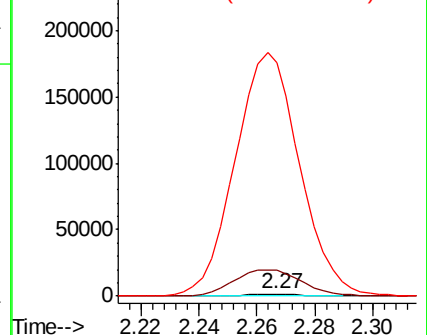
63 12061.0 90.9 168.9#

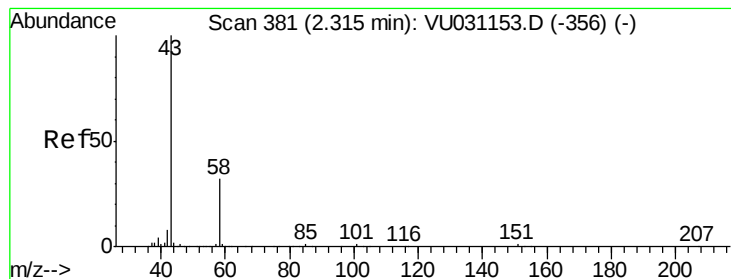


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.089 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031160.D

Acq: 13 Apr 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

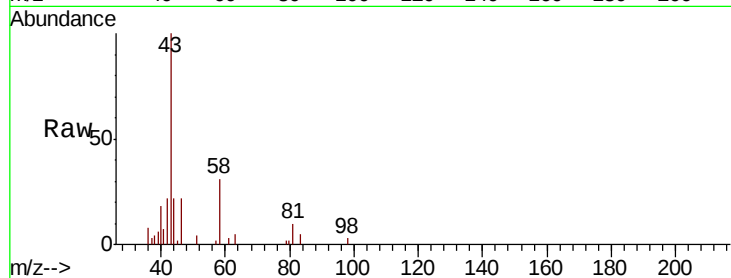
DB729

Tot Ion: 43 Resp: 10594

Ion Ratio Lower Upper

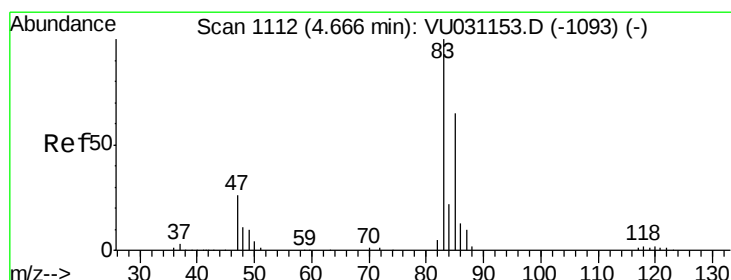
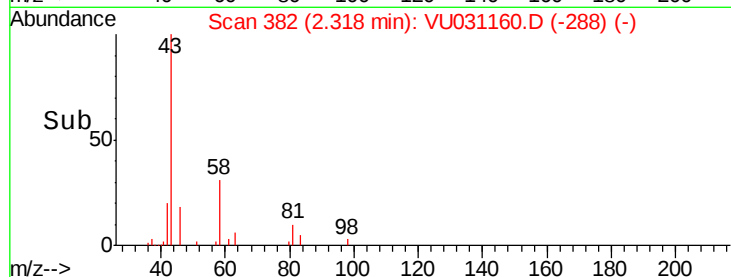
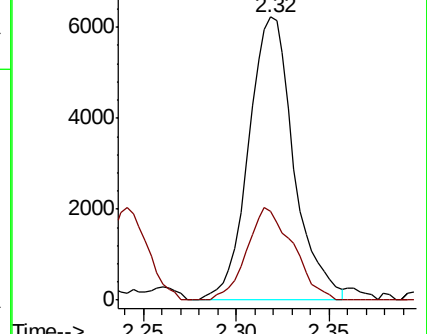
43 100

58 33.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031153.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU031153.D (-356) (-)



#25

Chloroform

Concen: 1.491 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031160.D

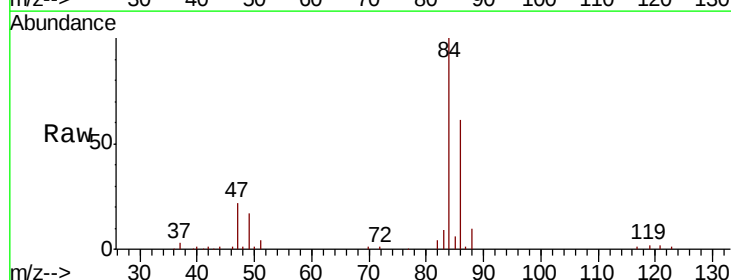
Acq: 13 Apr 2019 16:41

Tgt Ion: 83 Resp: 10755

Ion Ratio Lower Upper

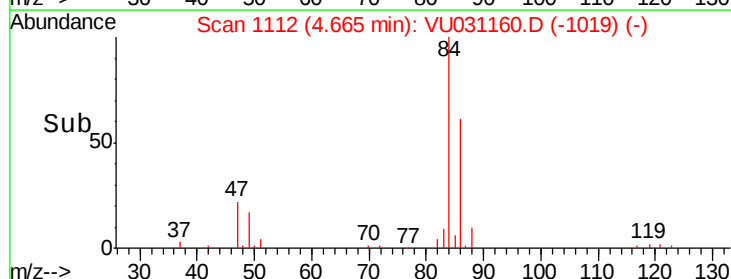
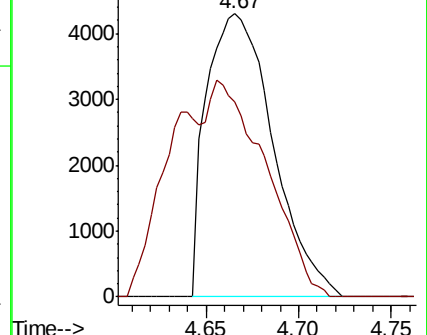
83 100

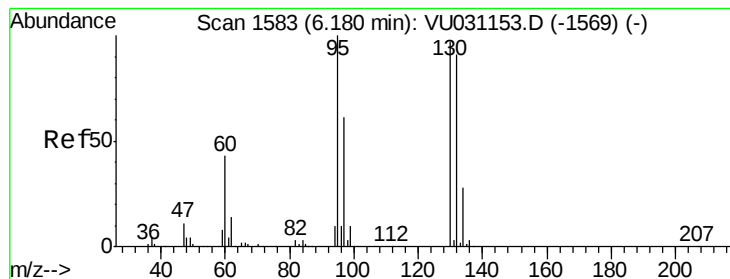
85 68.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031153.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031153.D (-1093) (-)





#34

Trichloroethene

Concen: 2.452 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031160.D

Acq: 13 Apr 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

DB729

Tot Ion: 95 Resp: 9069

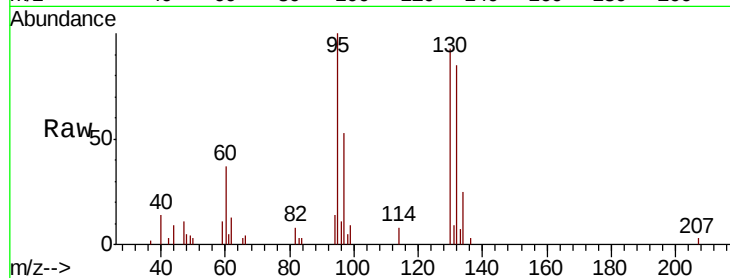
Ion Ratio Lower Upper

95 100

97 53.2 44.5 82.7

132 85.0 61.5 114.1

130 93.0 64.9 120.5

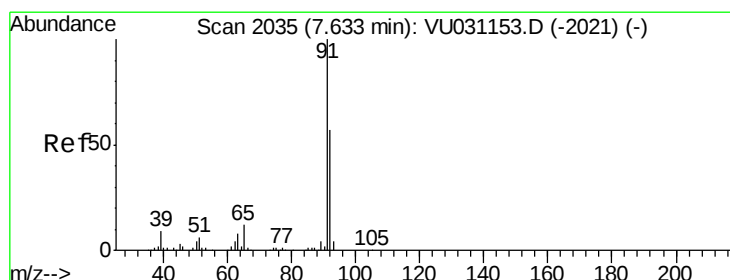
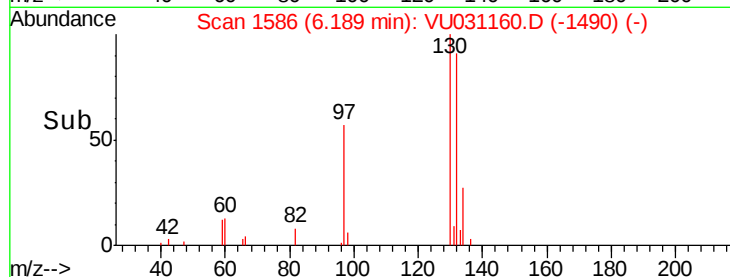
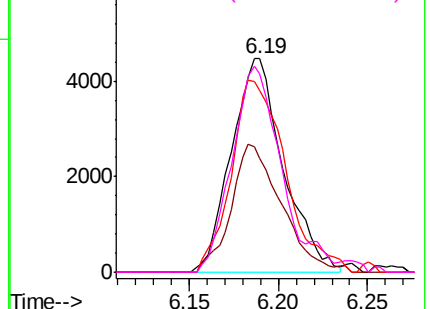


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#42

Toluene

Concen: 14.073 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031160.D

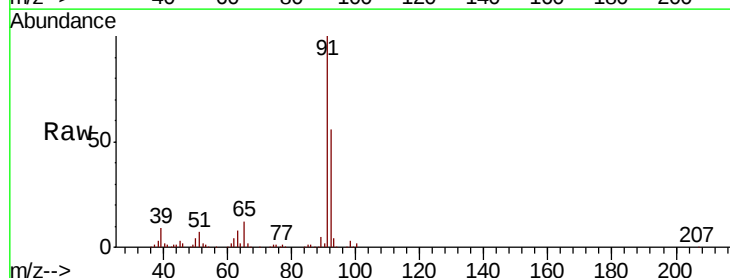
Acq: 13 Apr 2019 16:41

Tgt Ion: 91 Resp: 216632

Ion Ratio Lower Upper

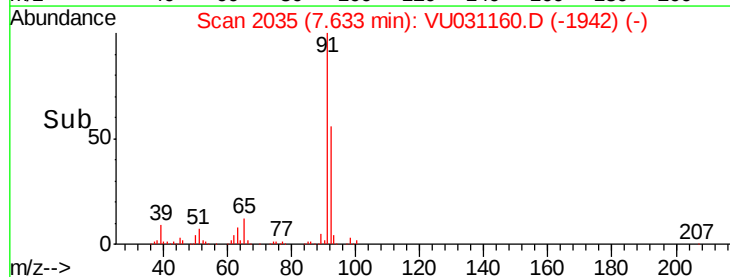
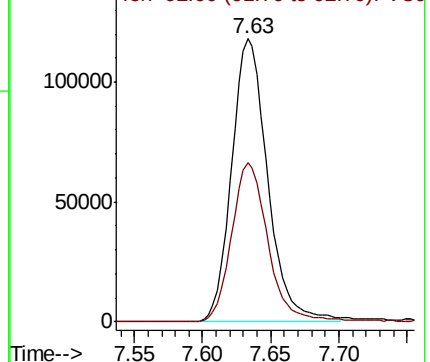
91 100

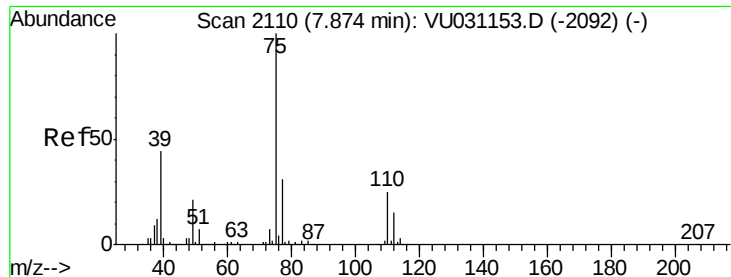
92 56.0 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

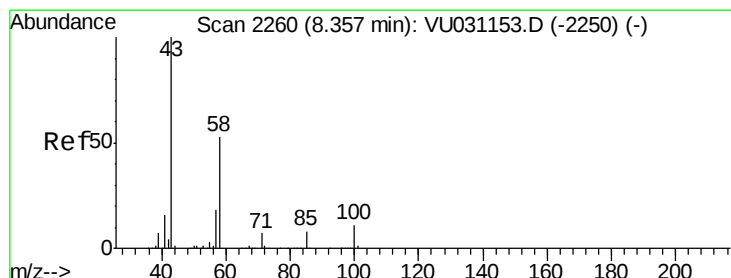
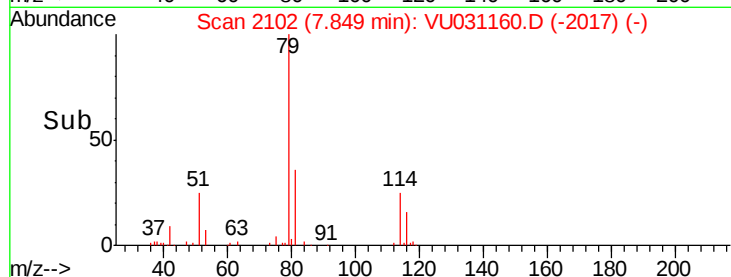
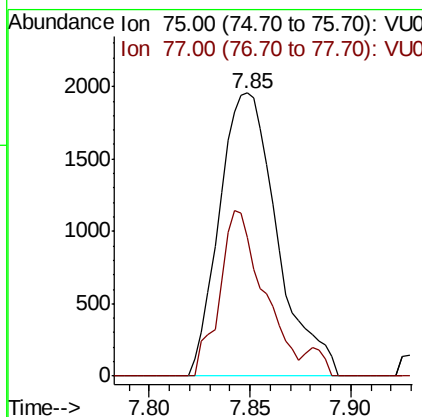
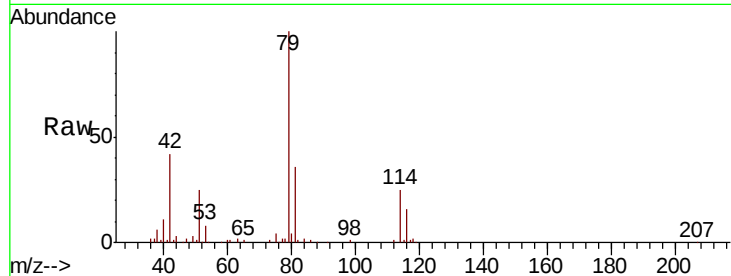




#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031160.D
Acq: 13 Apr 2019 16:41

Instrument :
MSVOA_U
ClientSampleId :
DB729

Tot Ion: 75 Resp: 3906
Ion Ratio Lower Upper
75 100
77 49.0 21.6 40.0#



#48
2-Hexanone
Concen: 2.110 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031160.D
Acq: 13 Apr 2019 16:41

Tgt Ion: 43 Resp: 11302
Ion Ratio Lower Upper
43 100
58 28.5 41.9 62.9#
57 2.8 14.3 21.5#
100 2.6 7.1 10.7#

