

Data File : VU031120.D
Acq On : 12 Apr 2019 11:18
Operator : JC/SP
Sample : K2341-11RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 112 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB729

Quant Time: Apr 12 23:36:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	235873	55.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.22%
7) Chloroethane-d5	1.68	69	173867	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	304214	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	4.17	46	301806	89.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.77%
24) Chloroform-d	4.64	84	335595	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
26) 1,2-Dichloroethane-d4	5.31	65	231856	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
32) Benzene-d6	5.34	84	694558	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.32	67	225479	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.56	98	609100	50.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.82%
43) trans-1,3-Dichloropropene-	7.85	79	104569	49.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.18%
47) 2-Hexanone-d5	8.31	63	182898	85.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307447	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	218266	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%

Target Compounds

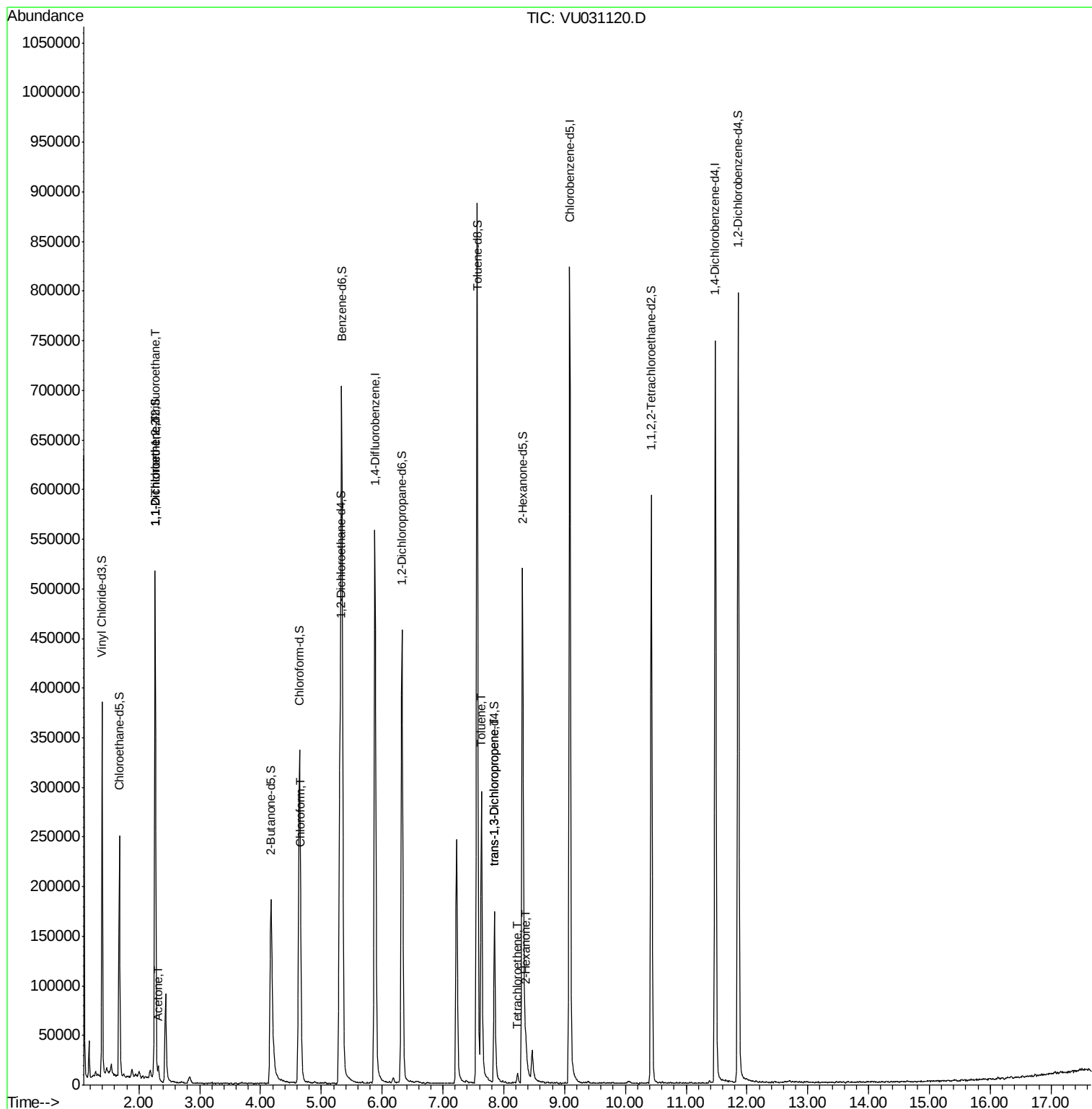
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2298	0.675	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2223	0.677	ug/L #	1
13) Acetone	2.32	43	11993	3.486	ug/L	99
25) Chloroform	4.67	83	15682	2.168	ug/L	99
42) Toluene	7.63	91	215532	13.817	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4057	0.747	ug/L	96
46) Tetrachloroethene	8.22	164	1301	0.477	ug/L	88
48) 2-Hexanone	8.37	43	17779	3.275	ug/L #	71

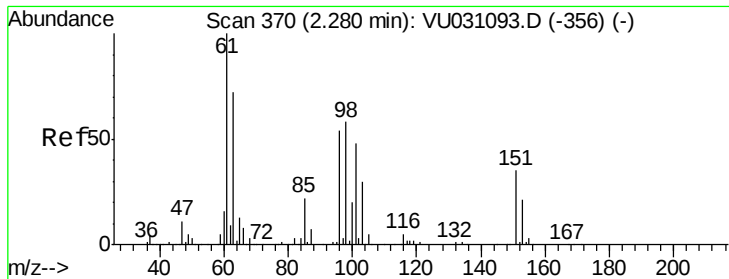
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.675 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

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DB729

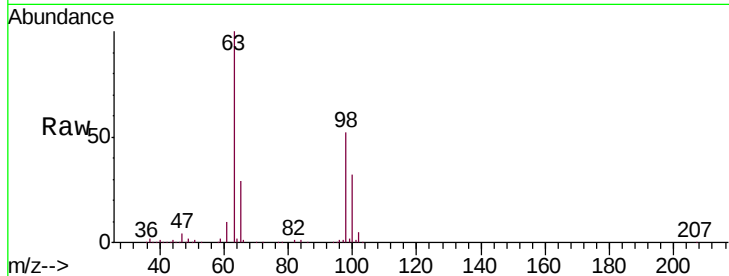
Tgt Ion:101 Resp: 2298

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

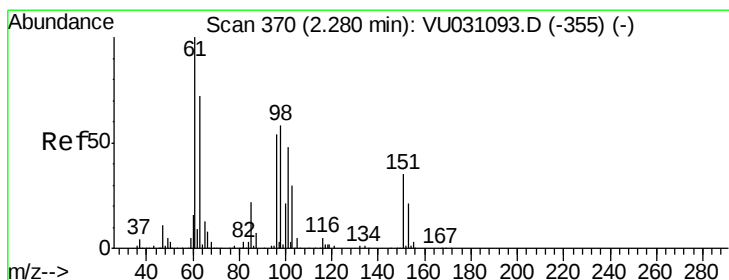
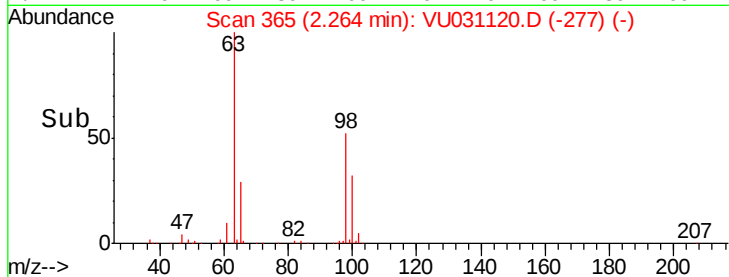
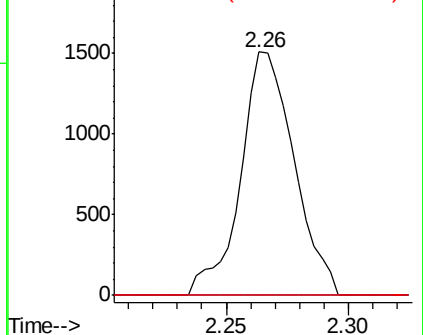
151 0.0 57.4 86.0#



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: 0.677 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

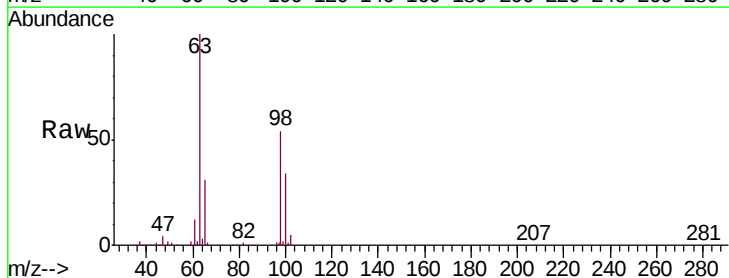
Tgt Ion: 96 Resp: 2223

Ion Ratio Lower Upper

96 100

61 1529.8 132.0 245.2#

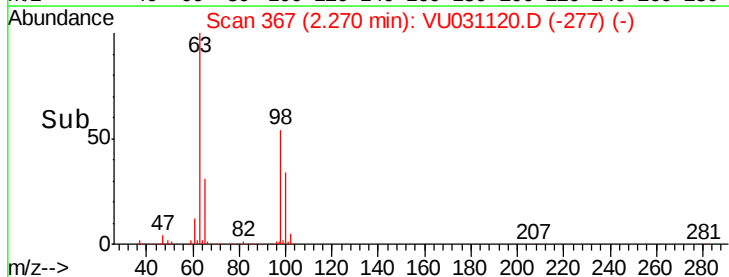
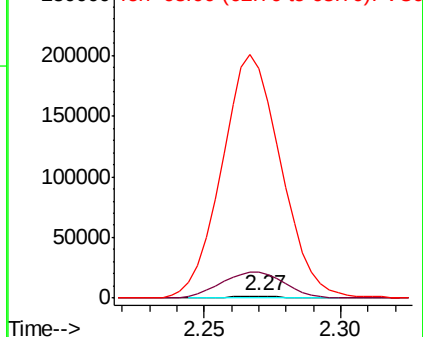
63 13289.9 90.9 168.9#

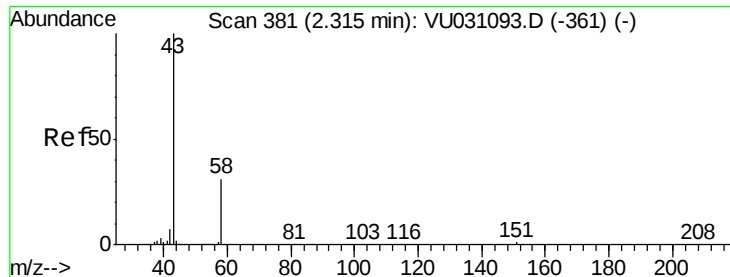


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.486 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

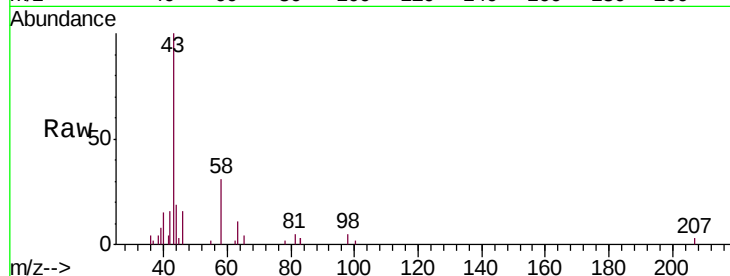
DB729

Tgt Ion: 43 Resp: 11993

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.0

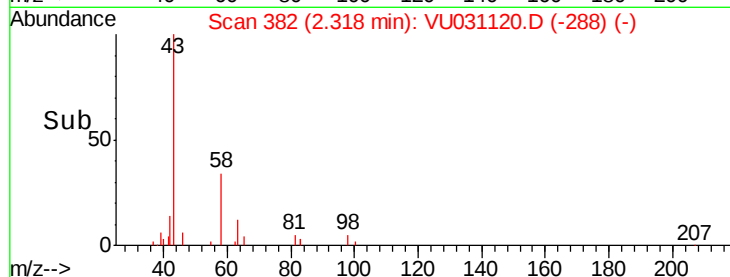


Abundance Ion 43.00 (42.70 to 43.70): VU031120.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031120.D (-361) (-)

2.32

Time-->

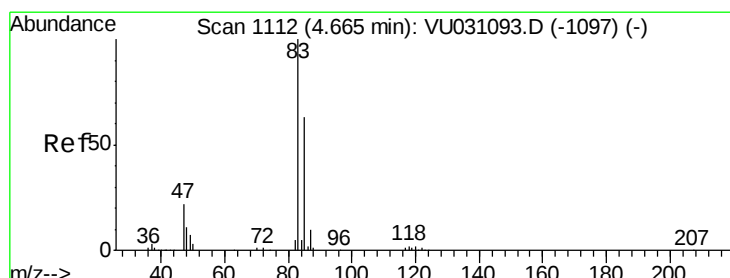


Abundance Ion 43.00 (42.70 to 43.70): VU031120.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031120.D (-288) (-)

2.32

Time-->



#25

Chloroform

Concen: 2.168 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031120.D

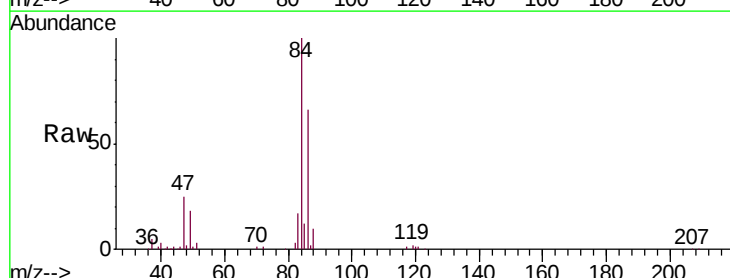
Acq: 12 Apr 2019 11:18

Tgt Ion: 83 Resp: 15682

Ion Ratio Lower Upper

83 100

85 66.4 45.8 85.0

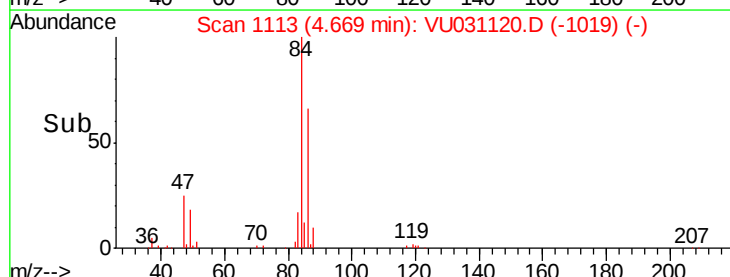


Abundance Ion 83.00 (82.70 to 83.70): VU031120.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031120.D (-1097) (-)

4.67

Time-->

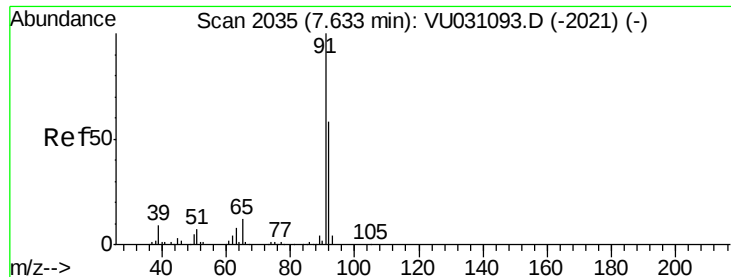


Abundance Ion 83.00 (82.70 to 83.70): VU031120.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU031120.D (-1019) (-)

4.67

Time-->



#42

Toluene

Concen: 13.817 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

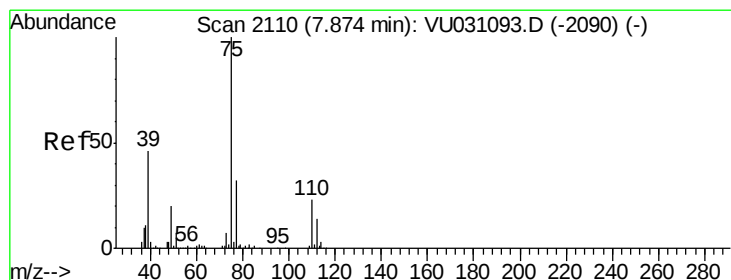
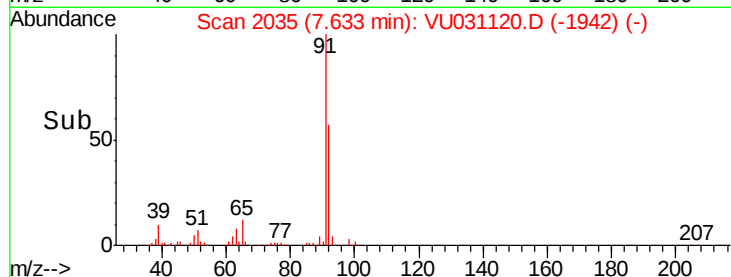
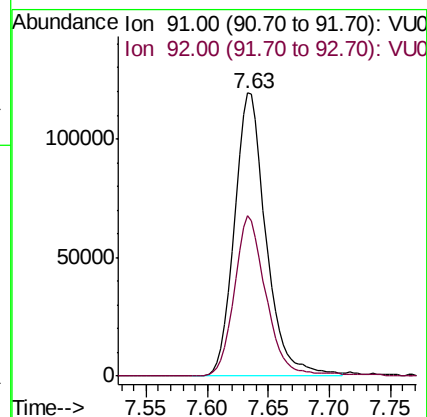
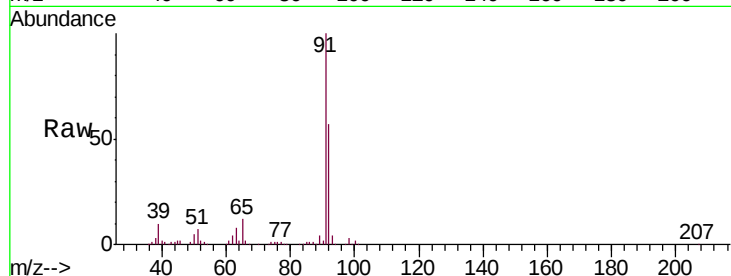
DB729

Tgt Ion: 91 Resp: 21532

Ion Ratio Lower Upper

91 100

92 56.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031120.D

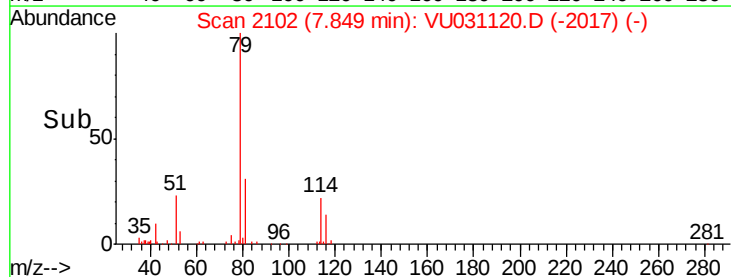
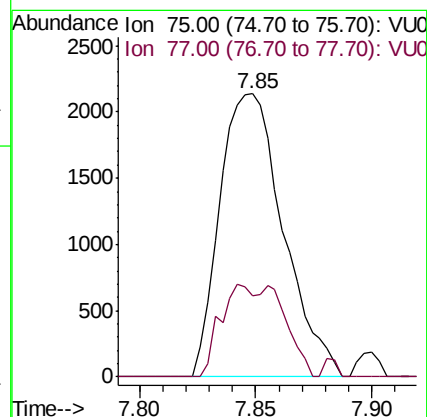
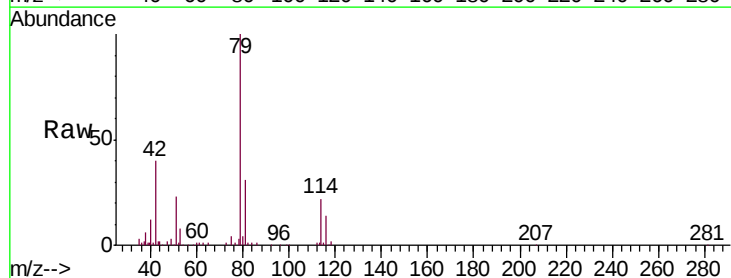
Acq: 12 Apr 2019 11:18

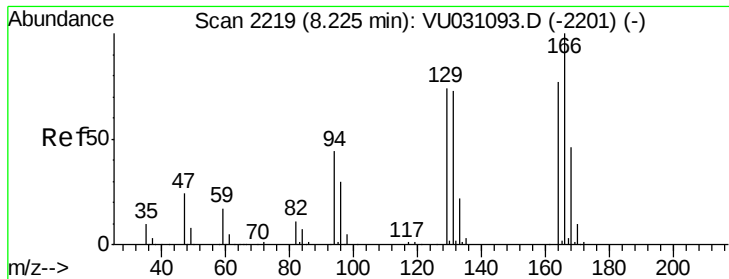
Tgt Ion: 75 Resp: 4057

Ion Ratio Lower Upper

75 100

77 28.5 21.6 40.0





#46

Tetrachloroethene

Concen: 0.477 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Instrument :

MSVOA_U

ClientSampled :

DB729

Tgt Ion: 164 Resp: 1301

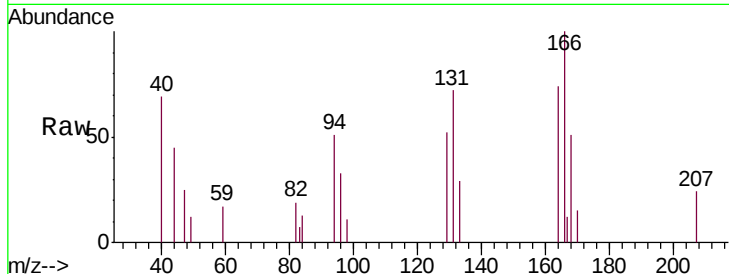
Ion Ratio Lower Upper

164 100

129 70.0 67.4 125.2

131 97.4 65.9 122.5

166 134.9 88.6 164.6

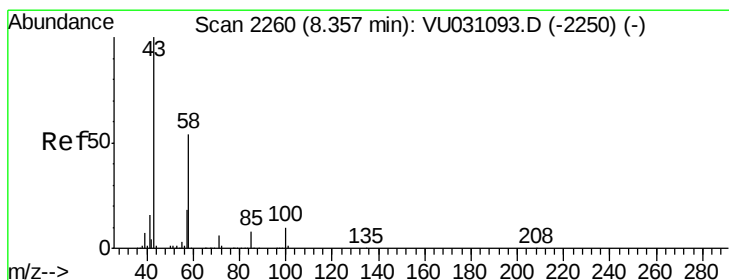
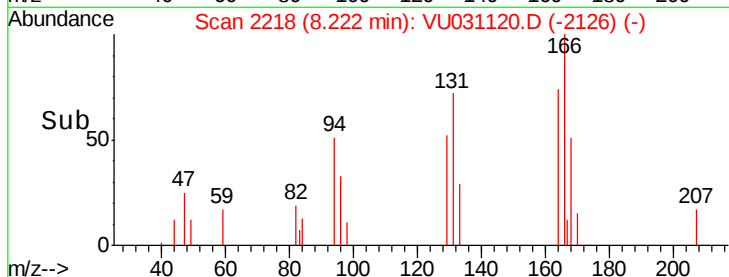
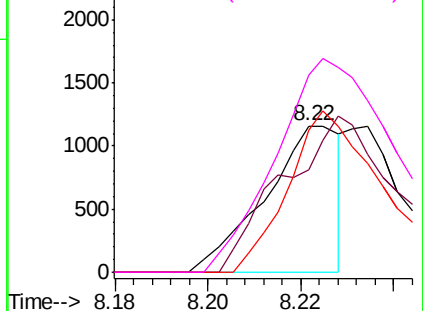


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.275 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031120.D

Acq: 12 Apr 2019 11:18

Tgt Ion: 43 Resp: 17779

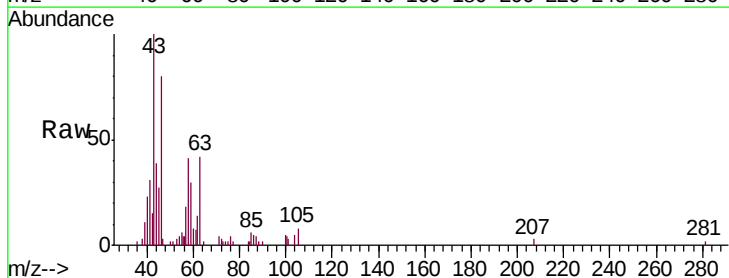
Ion Ratio Lower Upper

43 100

58 34.1 41.9 62.9#

57 0.0 14.3 21.5#

100 1.0 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

