

Data File : VU031118.D
Acq On : 12 Apr 2019 10:32
Operator : JC/SP
Sample : K2341-16RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 110 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB738

Quant Time: Apr 12 23:36:10 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	459571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	222835	54.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.64%
7) Chloroethane-d5	1.68	69	159068	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.27	63	279587	37.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.36%
21) 2-Butanone-d5	4.17	46	274362	84.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.64	84	302083	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	207964	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.34	84	605370	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.32	67	203807	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.56	98	532966	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.85	79	92428	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	159059	74.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286294	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	205531	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%

Target Compounds

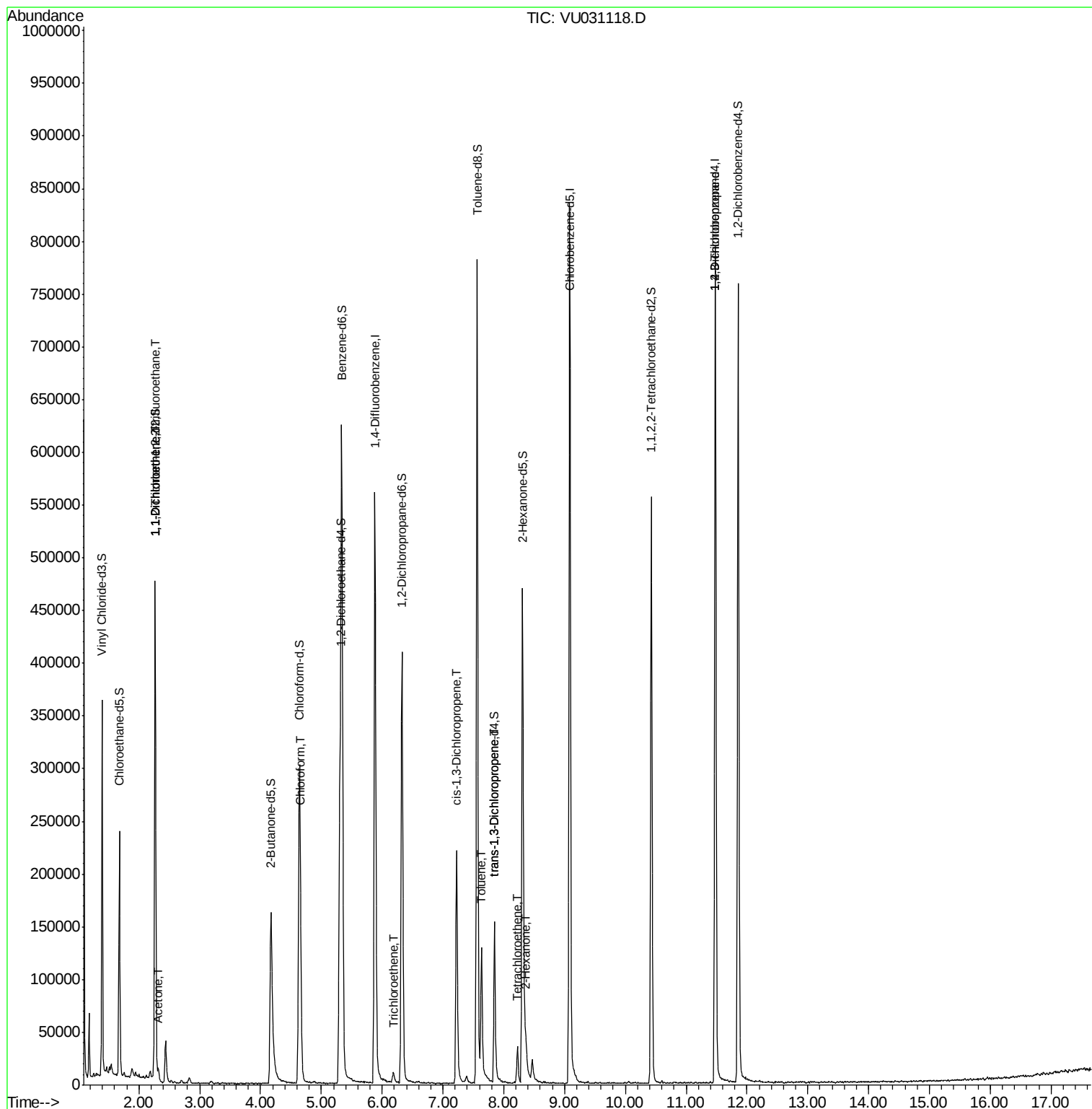
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2496	0.758 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1801	0.567 ug/L #	1
13) Acetone	2.32	43	9566	2.875 ug/L	69
25) Chloroform	4.67	83	20149	2.880 ug/L	99
34) Trichloroethene	6.19	95	2516	0.673 ug/L #	82
39) cis-1,3-Dichloropropene	7.22	75	4535	0.738 ug/L #	25
42) Toluene	7.64	91	95129	6.110 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3694	0.682 ug/L #	79
46) Tetrachloroethene	8.22	164	8468	3.113 ug/L	91
48) 2-Hexanone	8.37	43	17792	3.283 ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	24782	4.791 ug/L	90

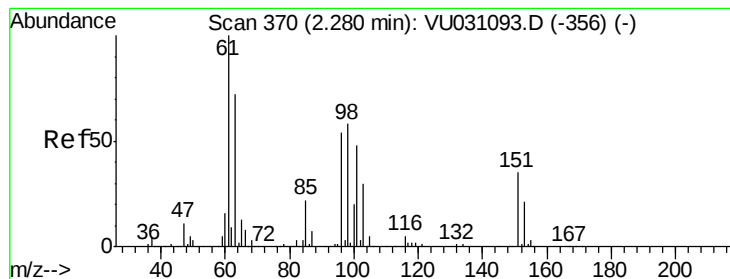
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.758 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031118.D

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Instrument :

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ClientSampleId :

DB738

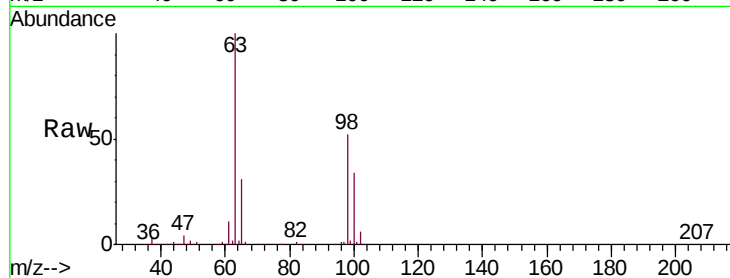
Tgt Ion:101 Resp: 2496

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

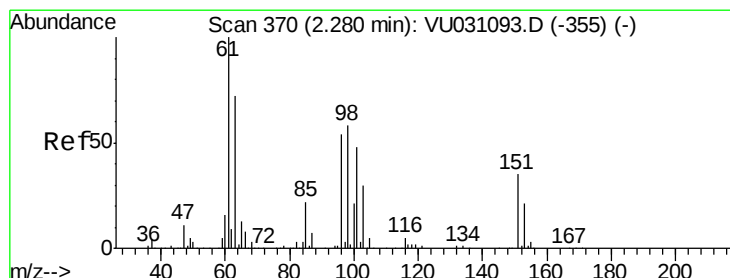
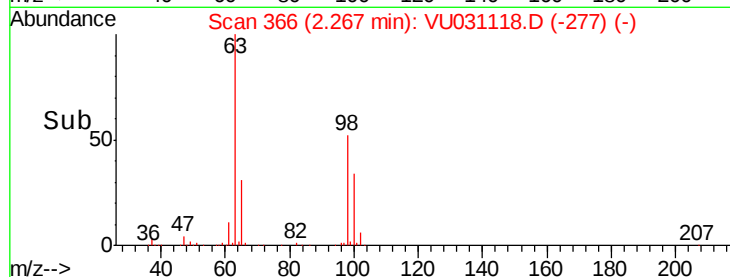
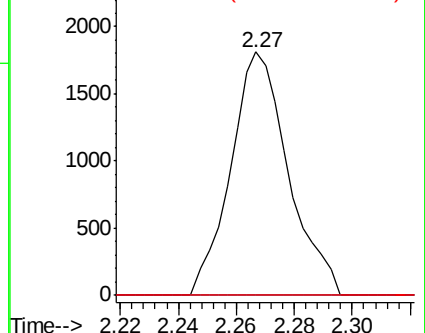
151 0.0 57.4 86.0#



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: 0.567 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

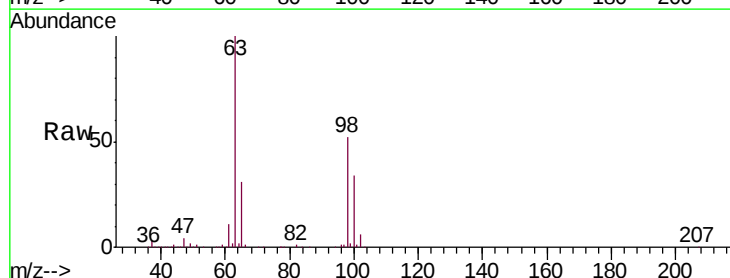
Tgt Ion: 96 Resp: 1801

Ion Ratio Lower Upper

96 100

61 1620.0 132.0 245.2#

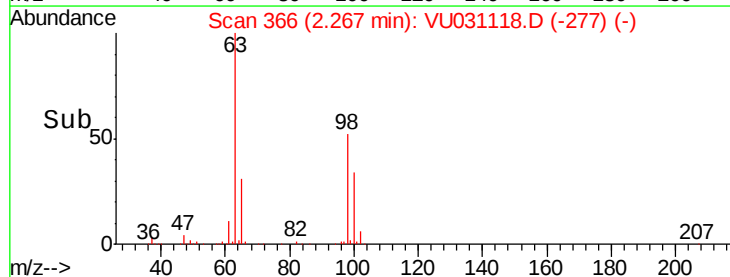
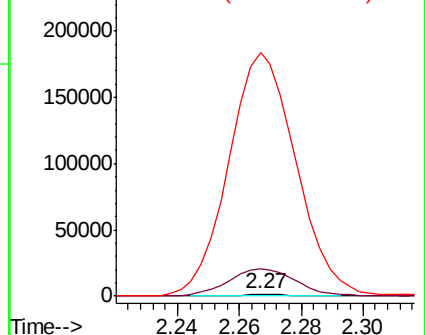
63 14366.2 90.9 168.9#

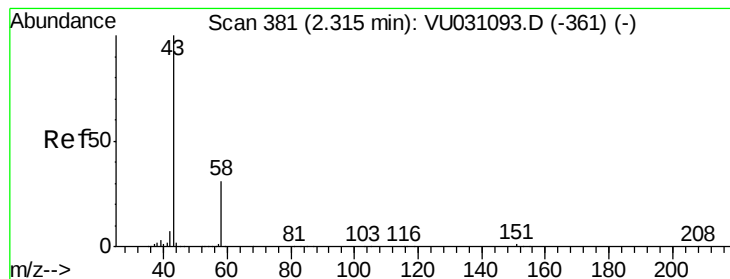


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.875 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

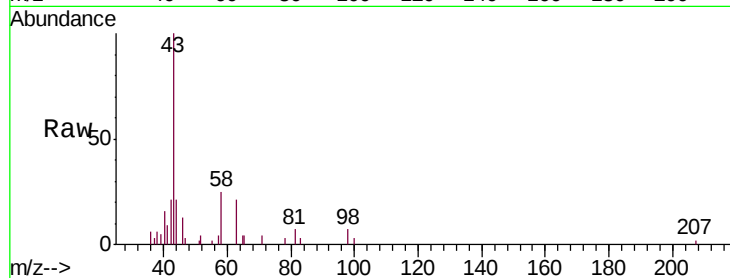
DB738

Tgt Ion: 43 Resp: 9566

Ion Ratio Lower Upper

43 100

58 14.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)

2.32

6000

5000

4000

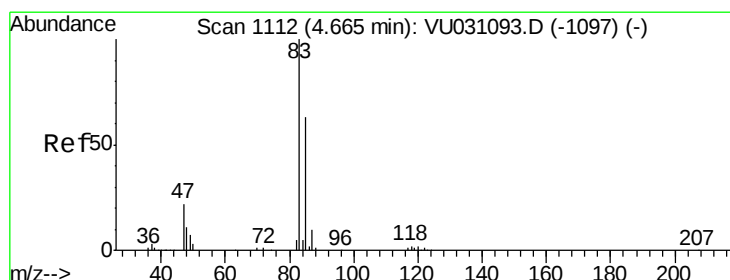
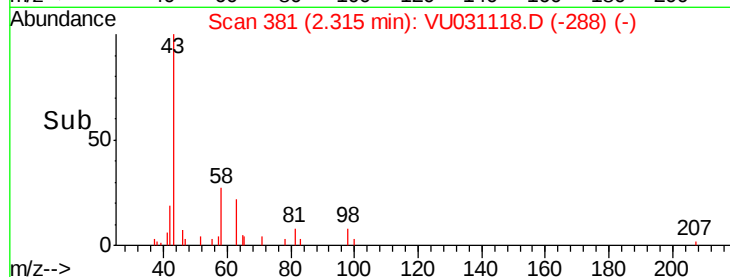
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 2.880 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031118.D

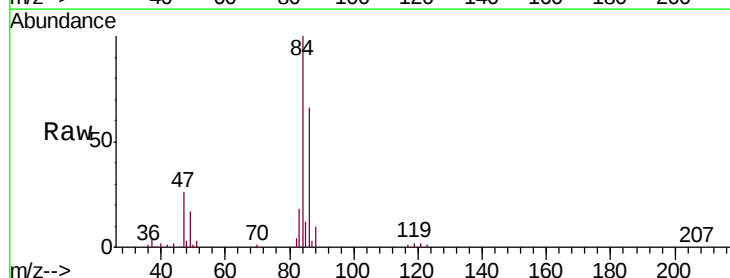
Acq: 12 Apr 2019 10:32

Tgt Ion: 83 Resp: 20149

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031093.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031093.D (-1097) (-)

4.67

8000

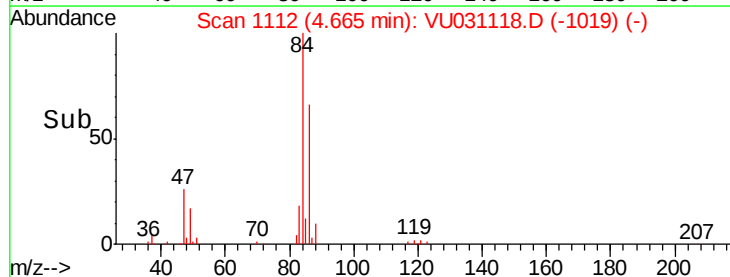
6000

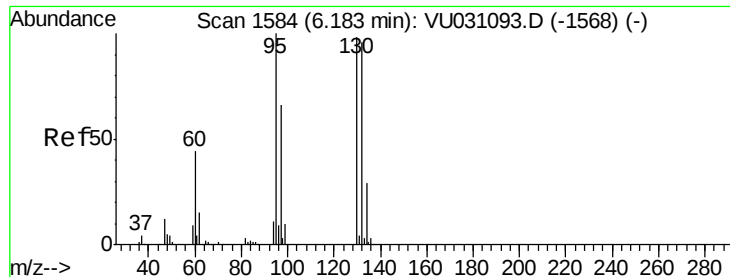
4000

2000

0

Time-->





#34

Trichloroethene

Concen: 0.673 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

DB738

Tgt Ion: 95 Resp: 2516

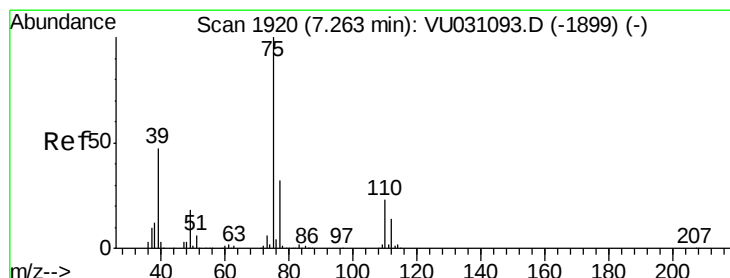
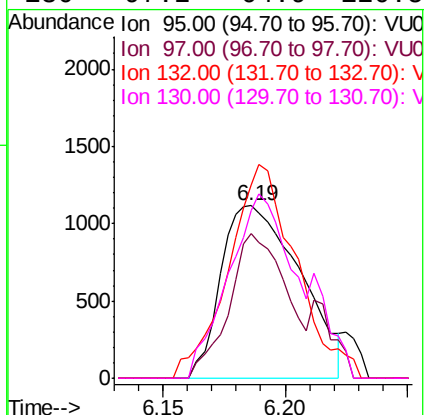
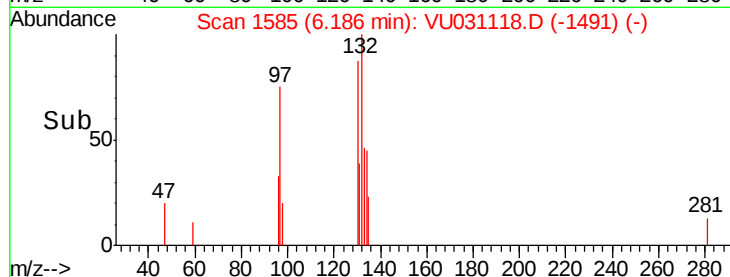
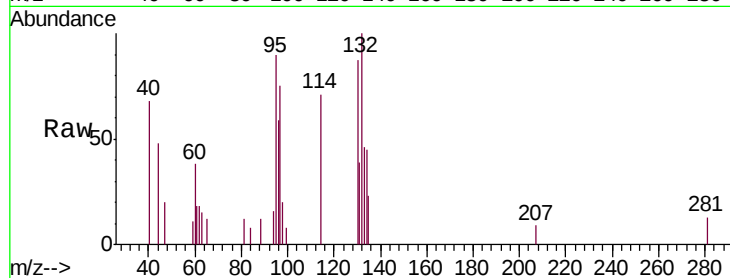
Ion Ratio Lower Upper

95 100

97 84.1 44.5 82.7#

132 111.6 61.5 114.1

130 97.2 64.9 120.5



#39

cis-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031118.D

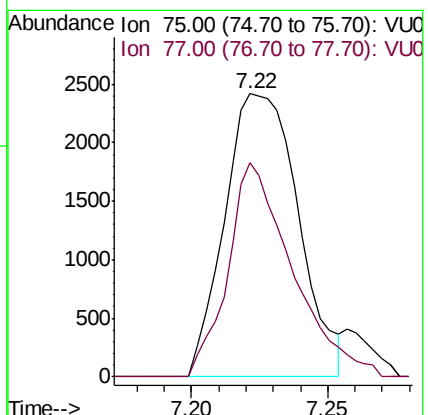
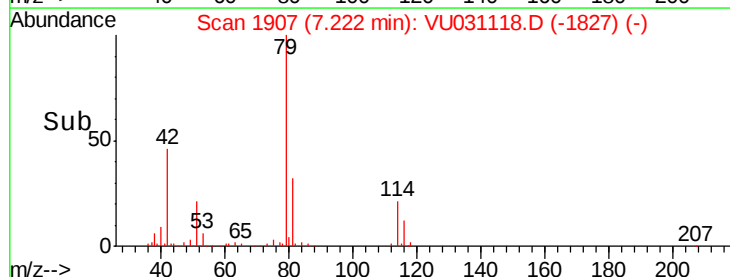
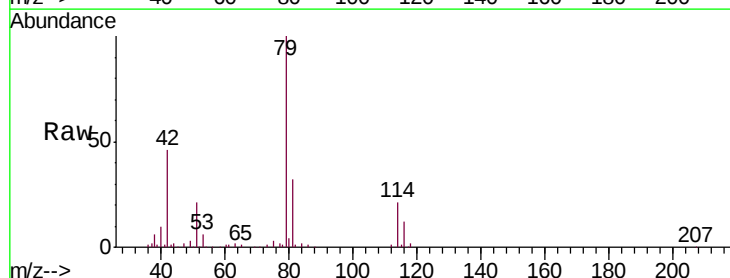
Acq: 12 Apr 2019 10:32

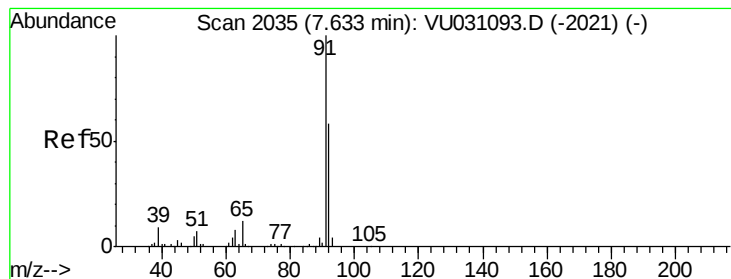
Tgt Ion: 75 Resp: 4535

Ion Ratio Lower Upper

75 100

77 75.6 23.1 42.9#





#42

Toluene

Concen: 6.110 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

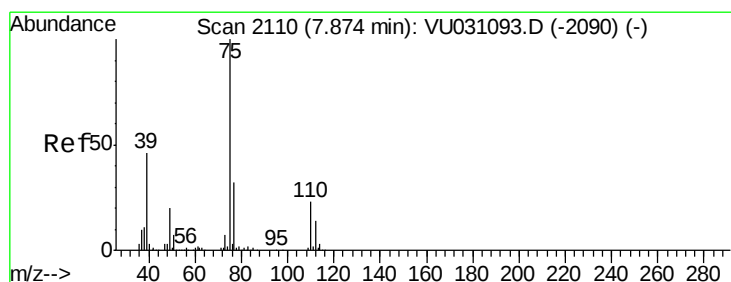
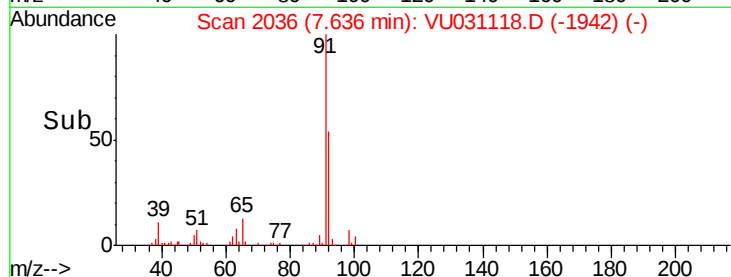
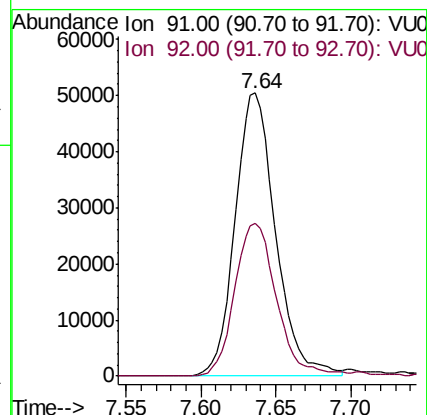
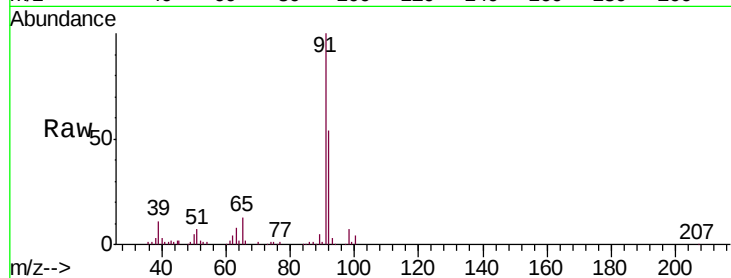
DB738

Tgt Ion: 91 Resp: 95129

Ion Ratio Lower Upper

91 100

92 54.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031118.D

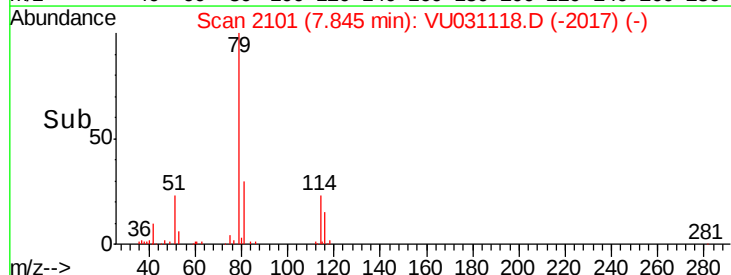
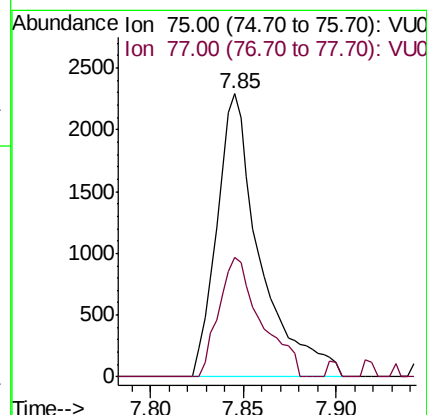
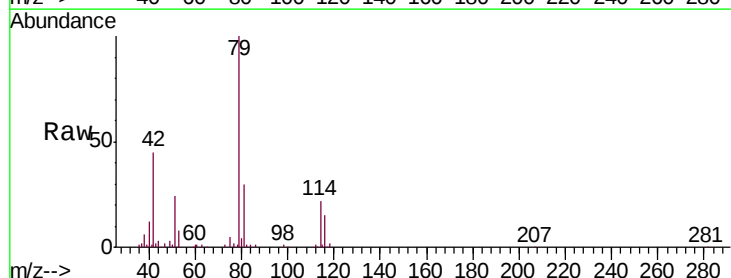
Acq: 12 Apr 2019 10:32

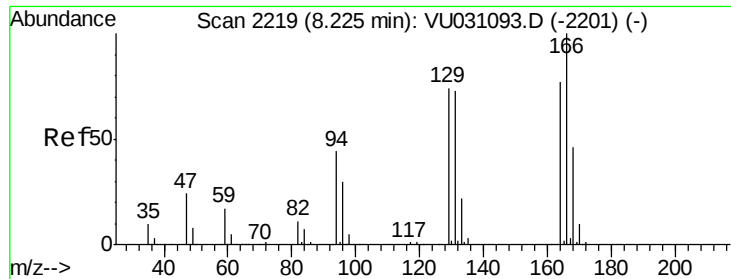
Tgt Ion: 75 Resp: 3694

Ion Ratio Lower Upper

75 100

77 42.3 21.6 40.0#

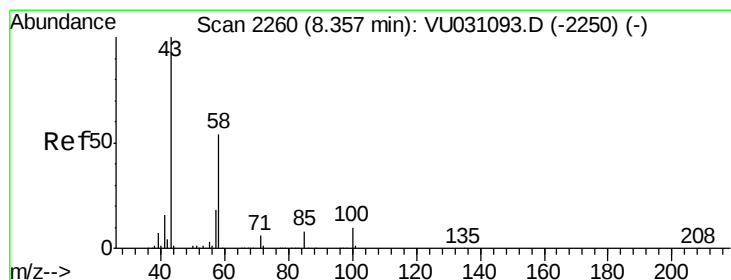
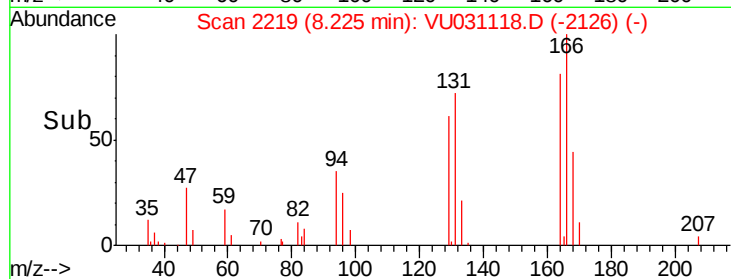
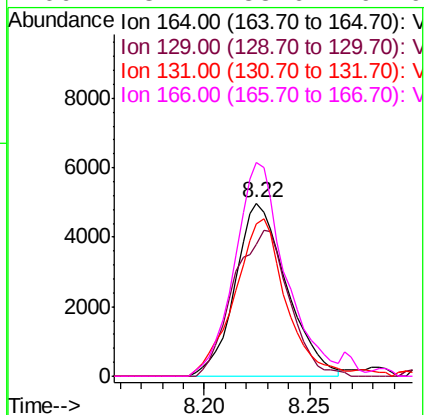
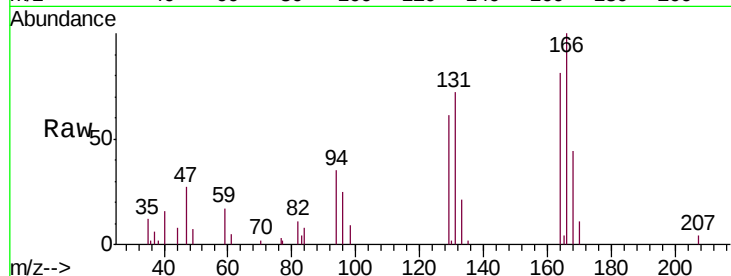




#46
Tetrachloroethene
Concen: 3.113 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031118.D
Acq: 12 Apr 2019 10:32

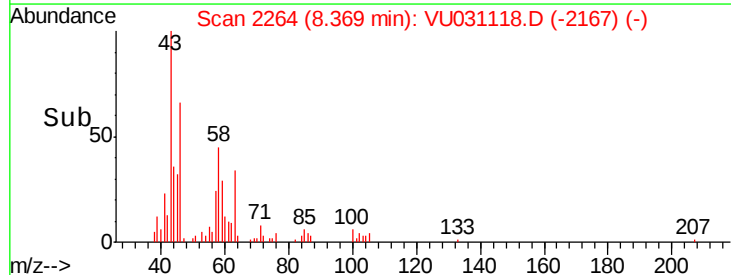
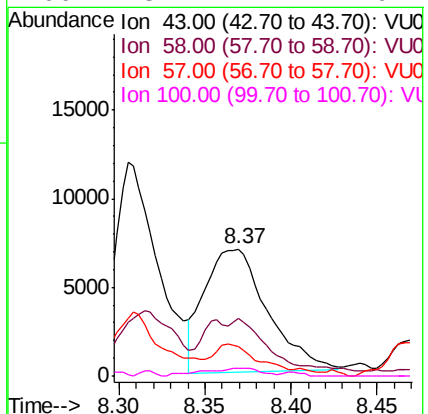
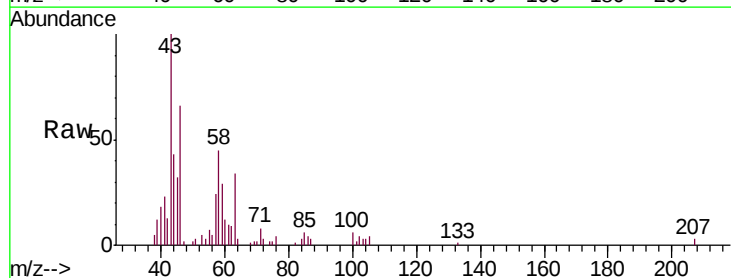
Instrument :
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ClientSampleId :
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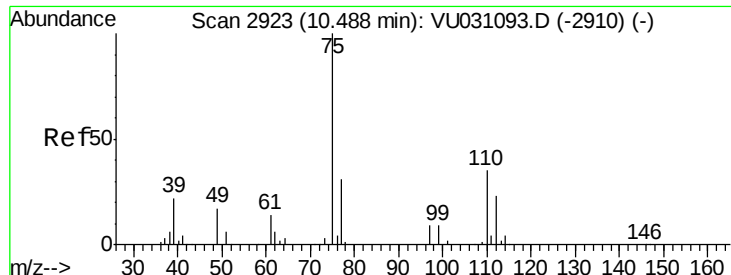
Tgt Ion: 164 Resp: 8468
Ion Ratio Lower Upper
164 100
129 75.7 67.4 125.2
131 88.1 65.9 122.5
166 123.2 88.6 164.6



#48
2-Hexanone
Concen: 3.283 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031118.D
Acq: 12 Apr 2019 10:32

Tgt Ion: 43 Resp: 17792
Ion Ratio Lower Upper
43 100
58 8.5 41.9 62.9#
57 11.9 14.3 21.5#
100 3.7 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.791 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031118.D

Acq: 12 Apr 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

DB738

Tgt Ion: 75 Resp: 24782

Ion Ratio Lower Upper

75 100

77 38.1 26.1 39.1

