

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031097.D
 Acq On : 12 Apr 2019 02:32
 Operator : JC/SP
 Sample : K2339-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC55

Quant Time: Apr 12 07:30:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	512972	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513001	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214964	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169226	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.92%
7) Chloroethane-d5	1.68	69	144570	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.27	63	236908	28.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.20%#
21) 2-Butanone-d5	4.17	46	342235	94.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	4.64	84	312819	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.31	65	216337	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.33	84	614123	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.02%
36) 1,2-Dichloropropane-d6	6.33	67	217446	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.74%
41) Toluene-d8	7.56	98	515184	38.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.62%#
43) trans-1,3-Dichloropropene-	7.85	79	89049	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
47) 2-Hexanone-d5	8.31	63	186840	79.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312237	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	203163	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

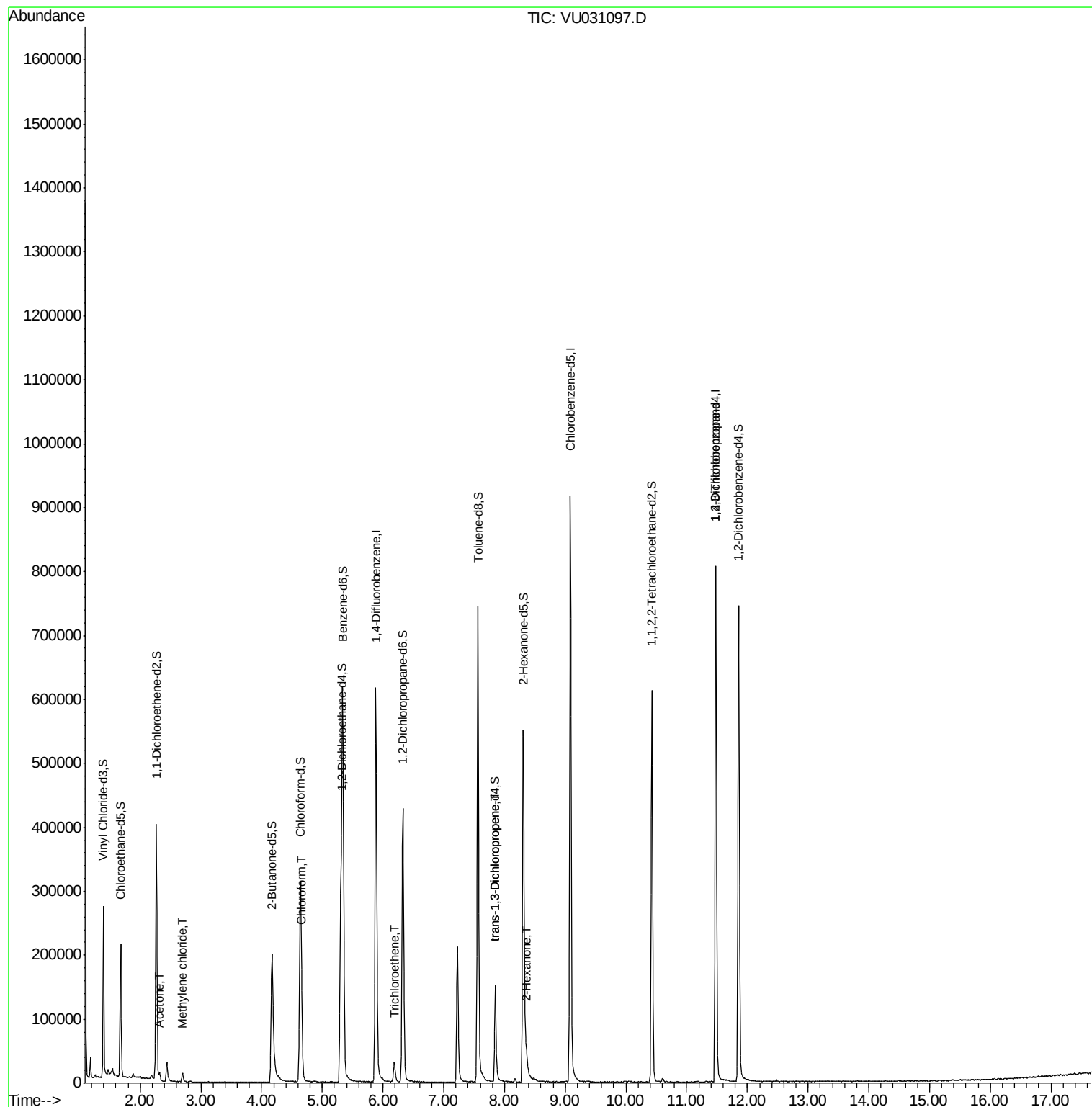
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	9833	2.648	ug/L	97
16) Methylene chloride	2.70	84	5970	1.386	ug/L	87
25) Chloroform	4.67	83	11644	1.491	ug/L	87
34) Trichloroethene	6.19	95	9837	2.389	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	3637	0.610	ug/L	85
48) 2-Hexanone	8.37	43	12996	2.179	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	25765	4.526	ug/L	92

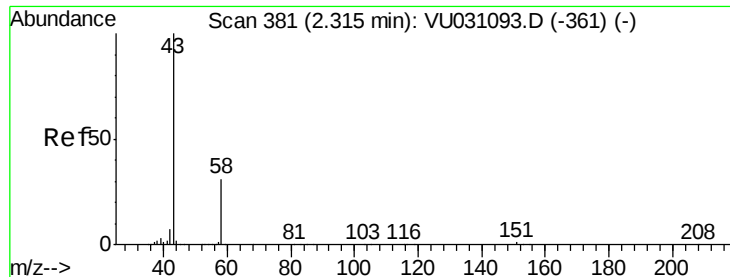
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.648 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 12 Apr 2019 02:32

Instrument :

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ClientSampleId :

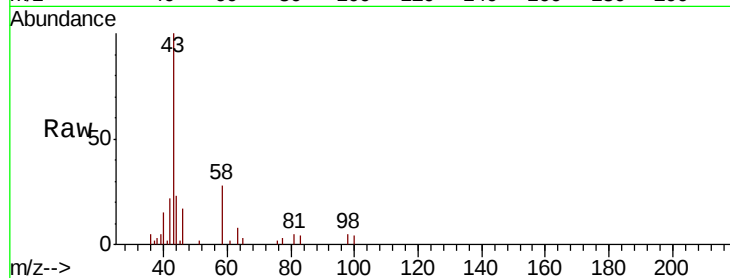
BFC55

Tot Ion: 43 Resp: 9833

Ion Ratio Lower Upper

43 100

58 33.5 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

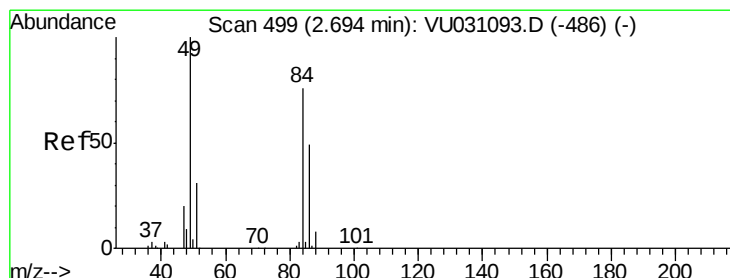
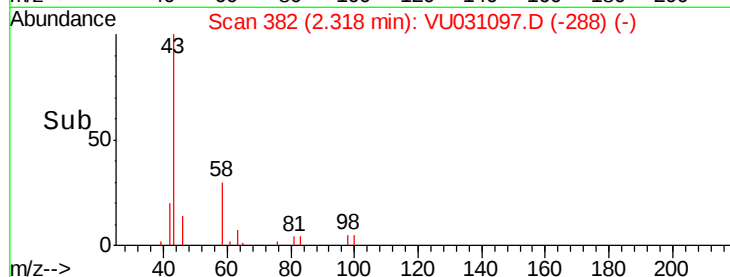
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#16

Methylene chloride

Concen: 1.386 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031097.D

Acq: 12 Apr 2019 02:32

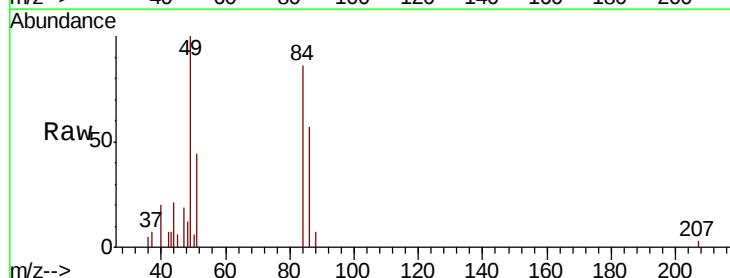
Tgt Ion: 84 Resp: 5970

Ion Ratio Lower Upper

84 100

86 65.5 45.1 83.7

49 115.8 96.5 179.1



Abundance Ion 84.00 (83.70 to 84.70): VU031093.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU031093.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU031093.D (-486) (-)

5000

4000

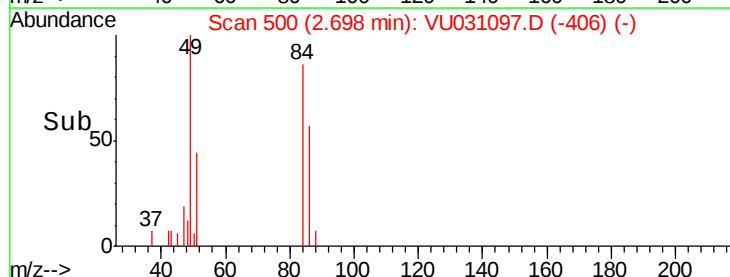
3000

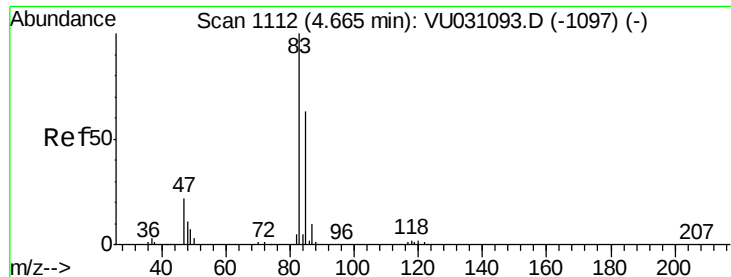
2000

1000

0

Time--> 2.65 2.70 2.75





#25

Chloroform

Concen: 1.491 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031097.D

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ClientSampleId :

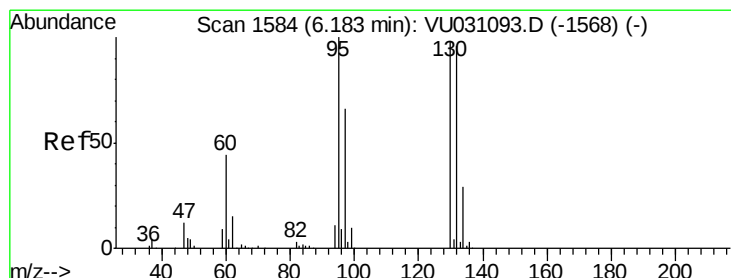
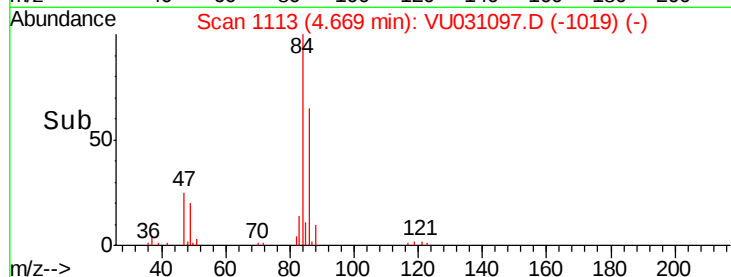
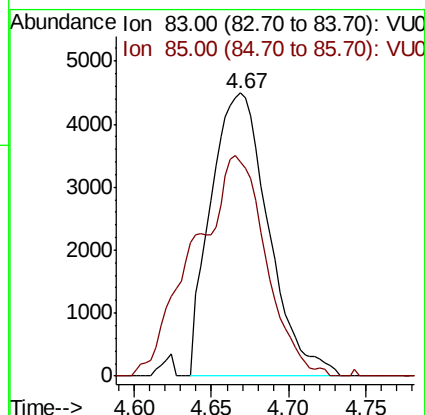
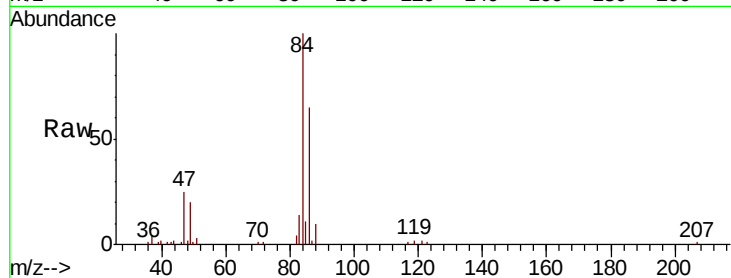
BFC55

Tot Ion: 83 Resp: 11644

Ion Ratio Lower Upper

83 100

85 75.9 45.8 85.0



#34

Trichloroethene

Concen: 2.389 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031097.D

Acq: 12 Apr 2019 02:32

Tgt Ion: 95 Resp: 9837

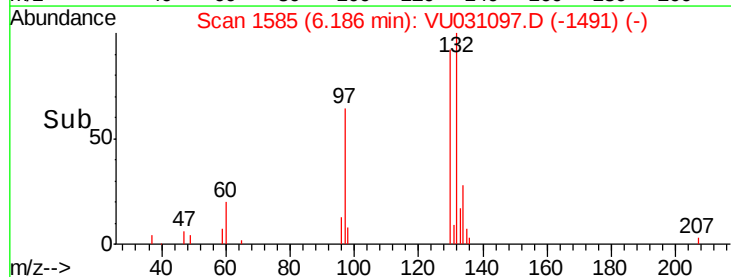
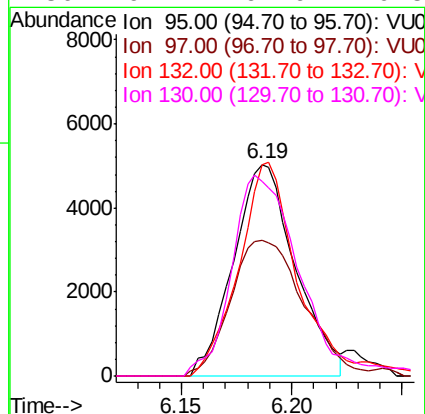
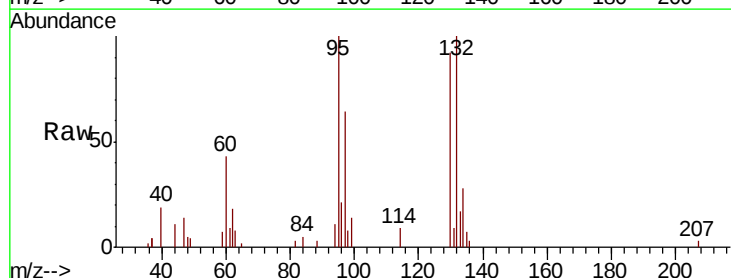
Ion Ratio Lower Upper

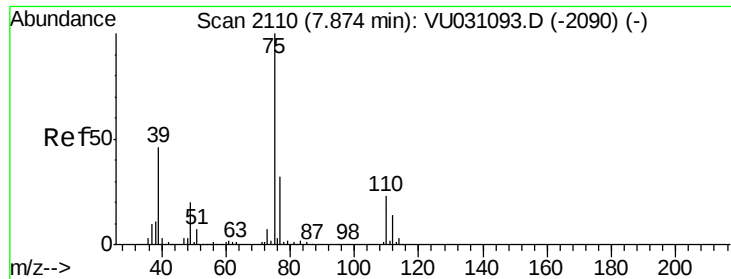
95 100

97 64.0 44.5 82.7

132 99.9 61.5 114.1

130 92.2 64.9 120.5

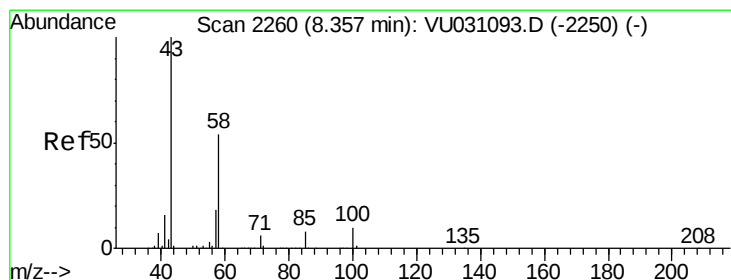
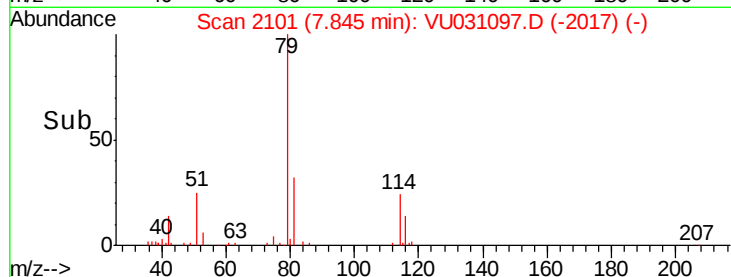
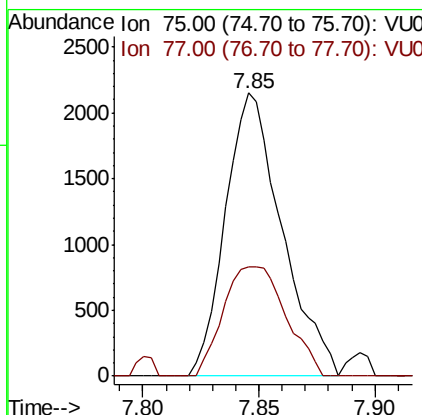
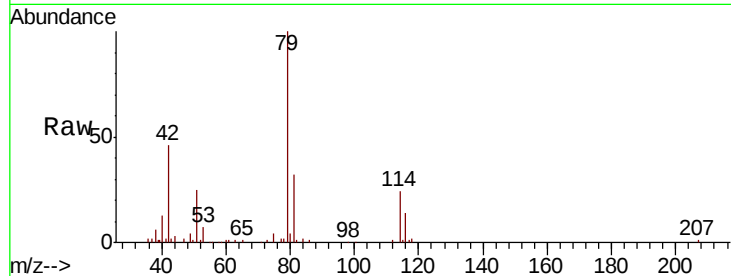




#44
trans-1,3-Dichloropropene
Concen: 0.610 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031097.D
Acq: 12 Apr 2019 02:32

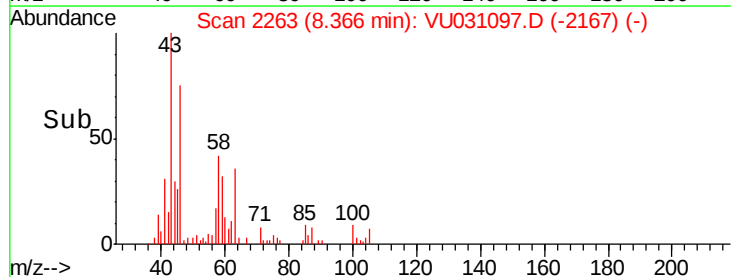
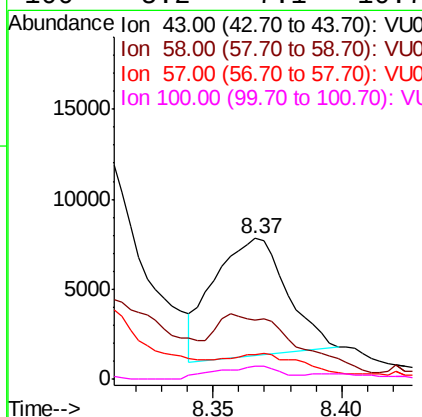
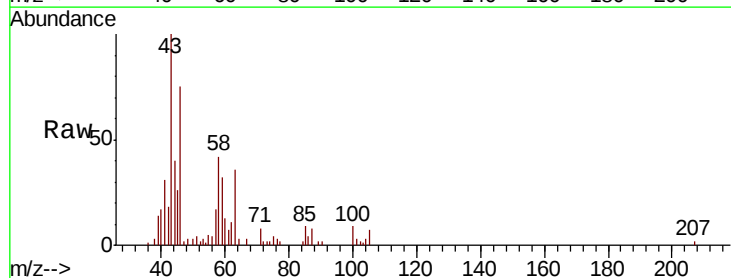
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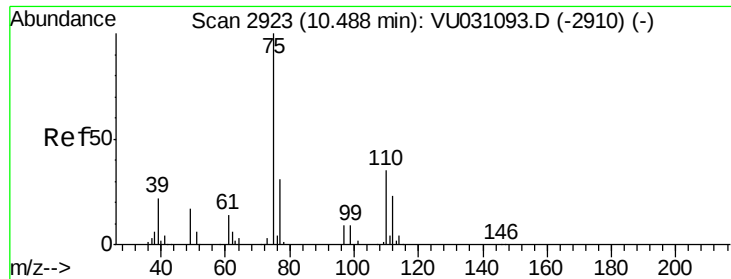
Tot Ion: 75 Resp: 3637
Ion Ratio Lower Upper
75 100
77 38.8 21.6 40.0



#48
2-Hexanone
Concen: 2.179 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031097.D
Acq: 12 Apr 2019 02:32

Tgt Ion: 43 Resp: 12996
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 0.0 14.3 21.5#
100 5.2 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.526 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031097.D

Acq: 12 Apr 2019 02:32

Instrument :

MSVOA_U

ClientSampleId :

BFC55

Tot Ion: 75 Resp: 25765

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1

