

Data File : VU031150.D
Acq On : 12 Apr 2019 23:36
Operator : JC/SP
Sample : K2409-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC23

Quant Time: Apr 13 01:09:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493008	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	204589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198162	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.06%
7) Chloroethane-d5	1.68	69	152388	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.24%
11) 1,1-Dichloroethene-d2	2.27	63	267890	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.30%
21) 2-Butanone-d5	4.17	46	291264	83.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.64	84	317394	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.31	65	213426	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.34	84	636947	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.33	67	215583	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.52%
41) Toluene-d8	7.56	98	542582	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	7.85	79	93573	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.31	63	179297	79.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296878	44.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	198500	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

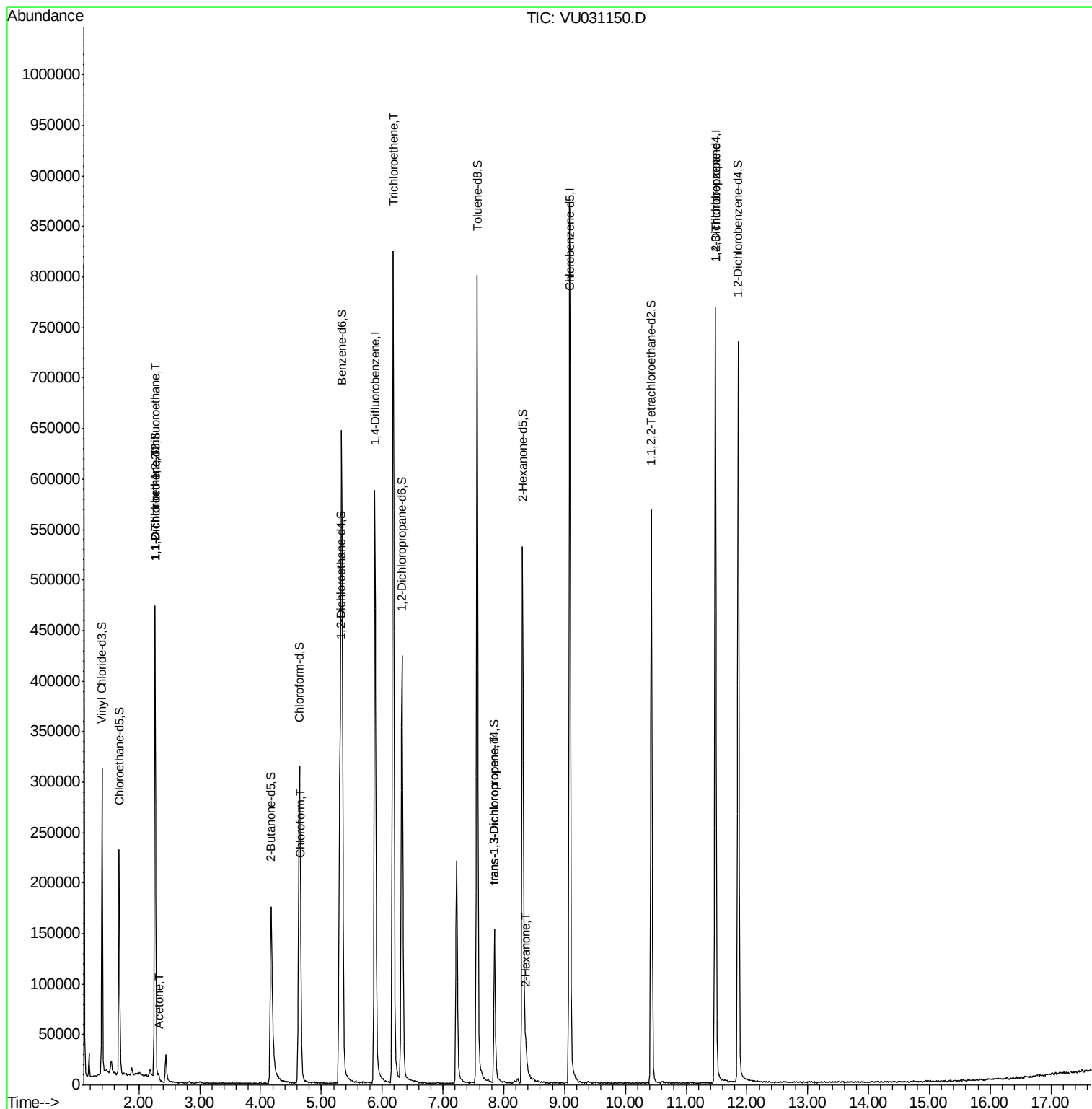
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2016	0.571 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	5646	1.657 ug/L #	1
13) Acetone	2.32	43	5302	1.485 ug/L	88
25) Chloroform	4.67	83	8695	1.159 ug/L	99
34) Trichloroethene	6.18	95	302476	76.537 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3429	0.599 ug/L #	76
48) 2-Hexanone	8.36	43	12555	2.193 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	23508	4.302 ug/L	90

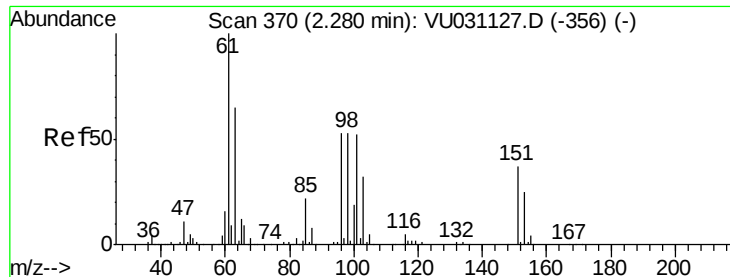
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration





#10

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

Concen: 0.571 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BFC23

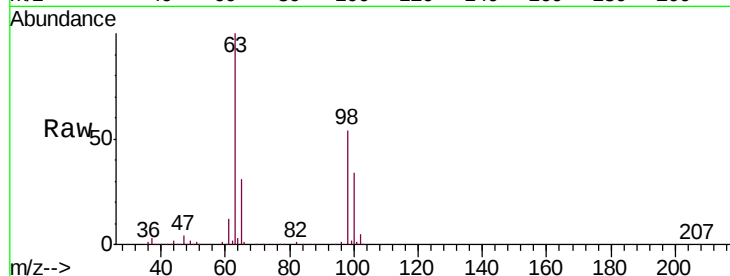
Tgt Ion:101 Resp: 2016

Ion Ratio Lower Upper

101 100

85 2.2 36.8 55.2#

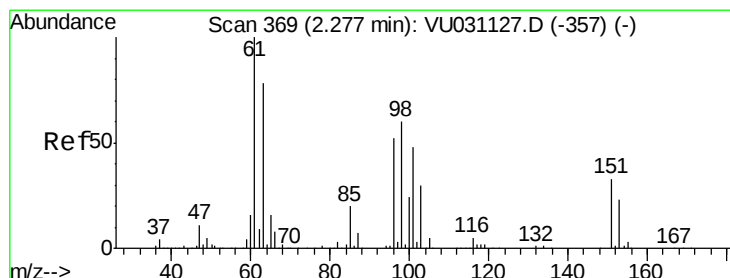
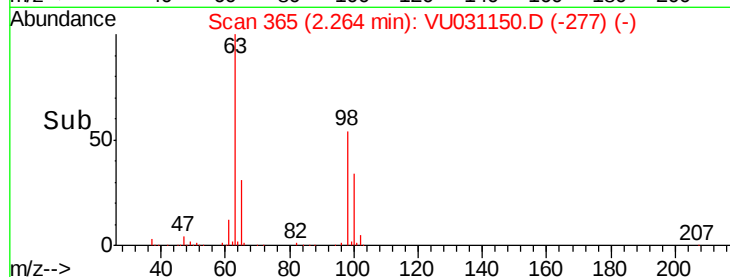
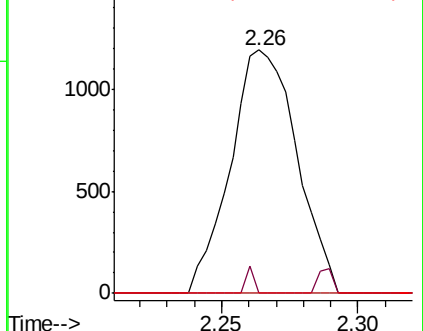
151 0.0 57.4 86.0#



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: 1.657 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU031150.D

Acq: 12 Apr 2019 23:36

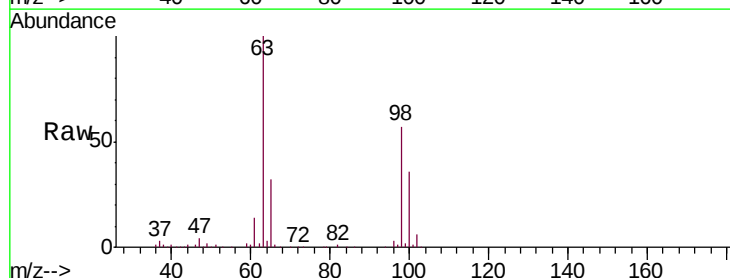
Tgt Ion: 96 Resp: 5646

Ion Ratio Lower Upper

96 100

61 529.0 132.0 245.2#

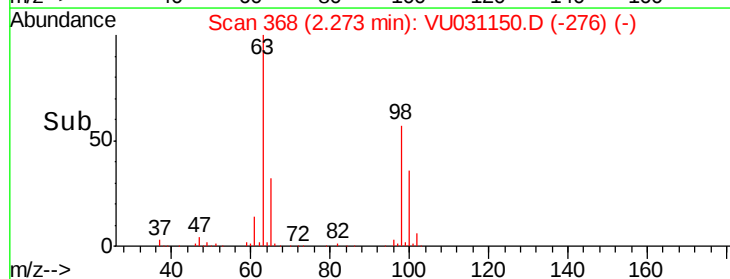
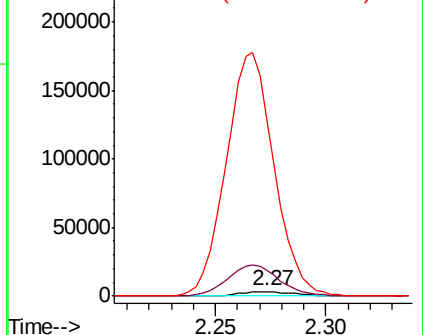
63 3695.3 90.9 168.9#

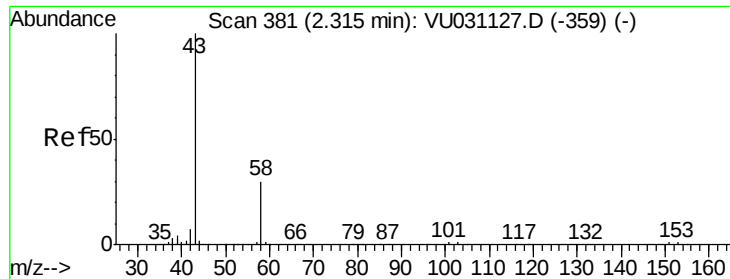


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.485 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

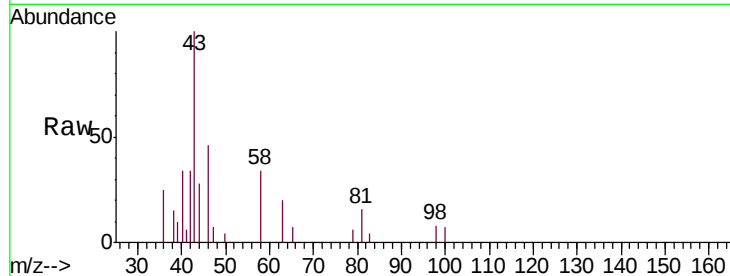
BFC23

Tgt Ion: 43 Resp: 5302

Ion Ratio Lower Upper

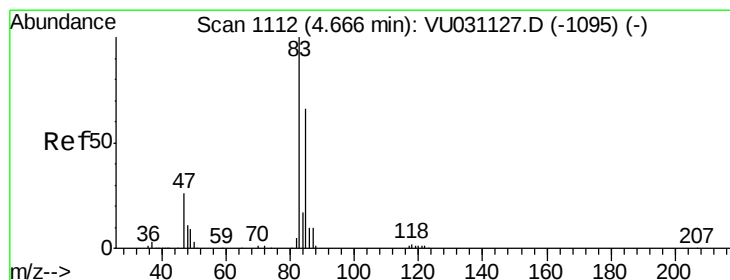
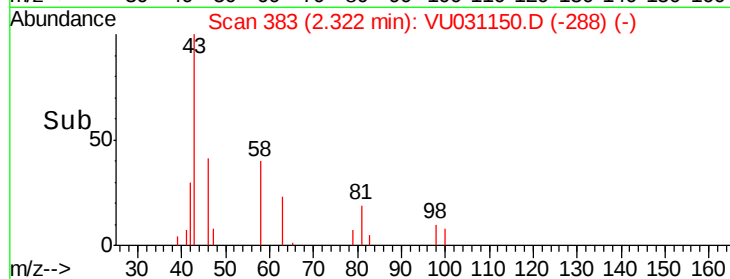
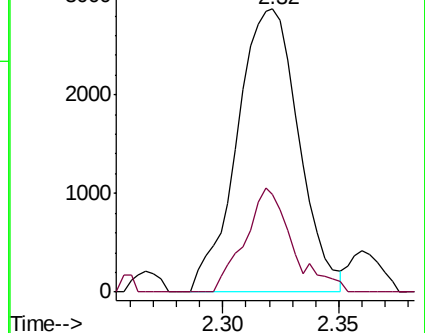
43 100

58 25.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU031127.D (-359) (-)



#25

Chloroform

Concen: 1.159 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031150.D

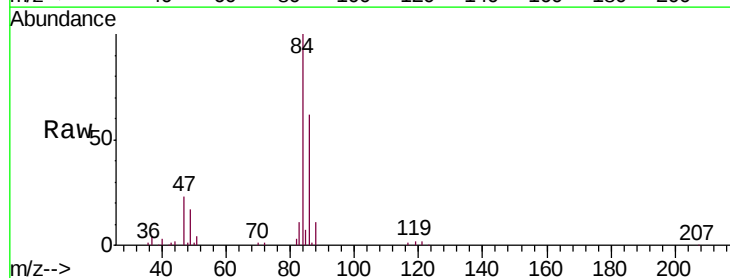
Acq: 12 Apr 2019 23:36

Tgt Ion: 83 Resp: 8695

Ion Ratio Lower Upper

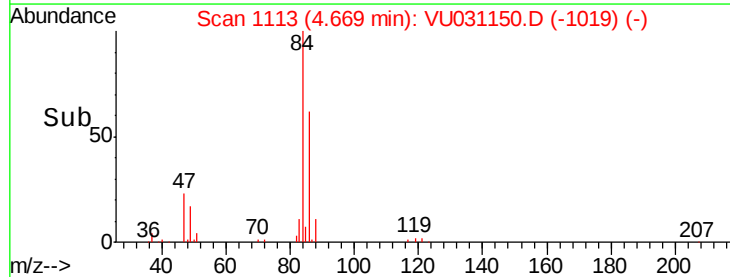
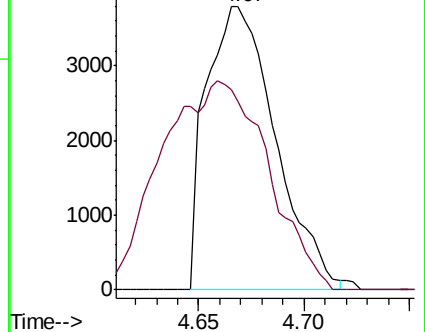
83 100

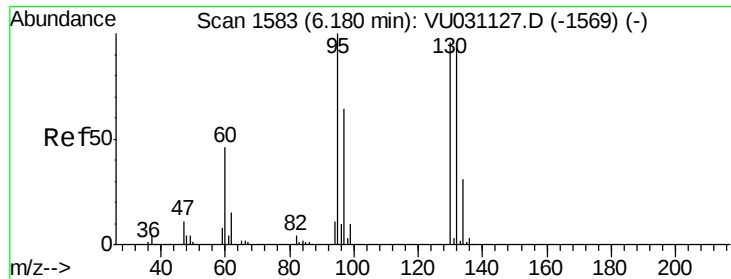
85 66.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031127.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU031127.D (-1095) (-)





#34

Trichloroethene

Concen: 76.537 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031150.D

Acq: 12 Apr 2019 23:36

Instrument :

MSVOA_U

ClientSampleId :

BFC23

Tgt Ion: 95 Resp: 302476

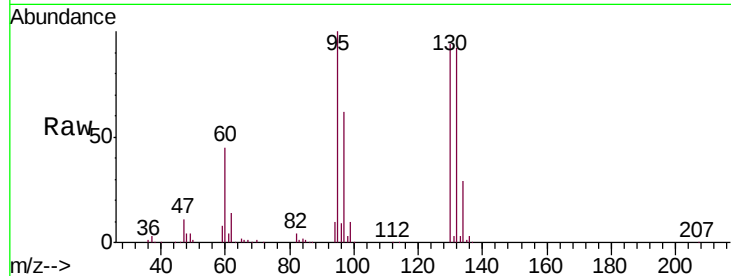
Ion Ratio Lower Upper

95 100

97 62.1 44.5 82.7

132 91.6 61.5 114.1

130 94.2 64.9 120.5

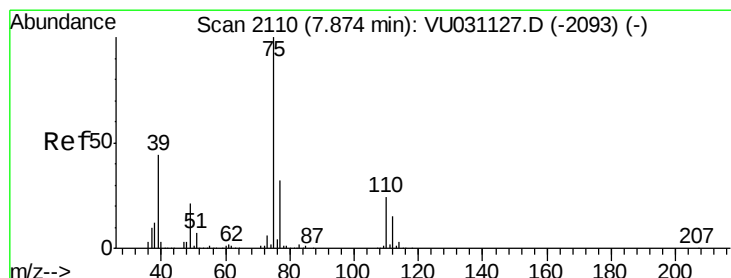
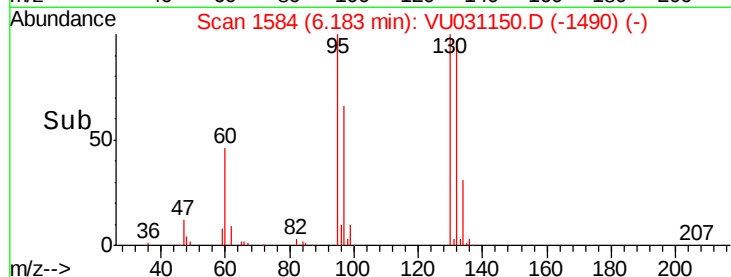
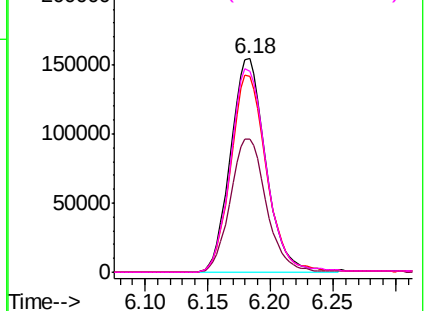


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031150.D

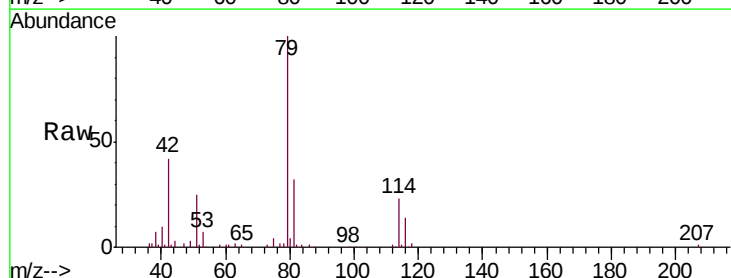
Acq: 12 Apr 2019 23:36

Tgt Ion: 75 Resp: 3429

Ion Ratio Lower Upper

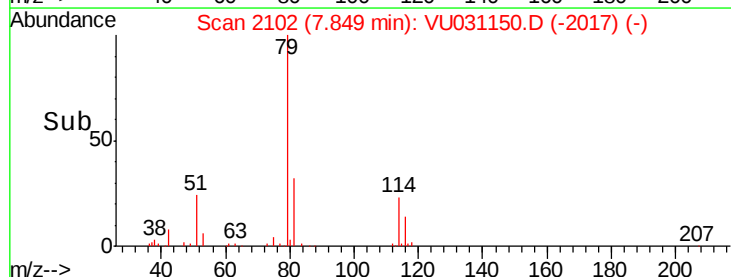
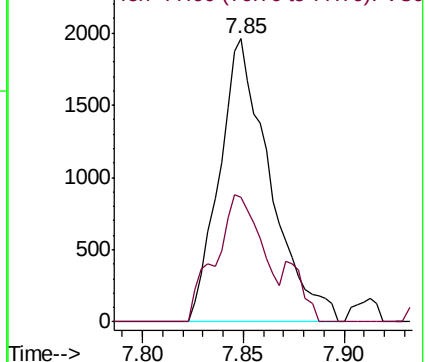
75 100

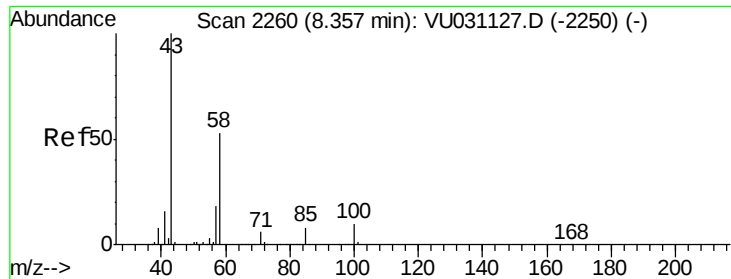
77 44.1 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

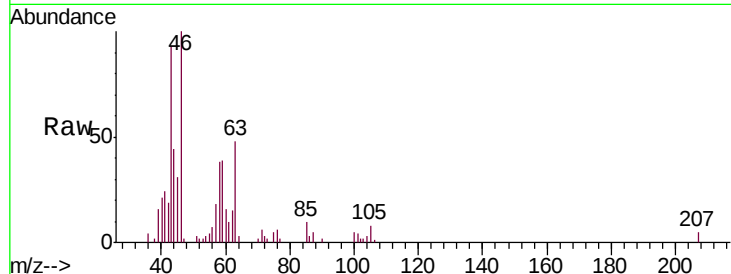




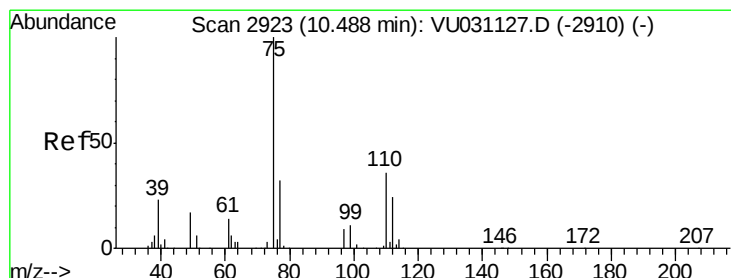
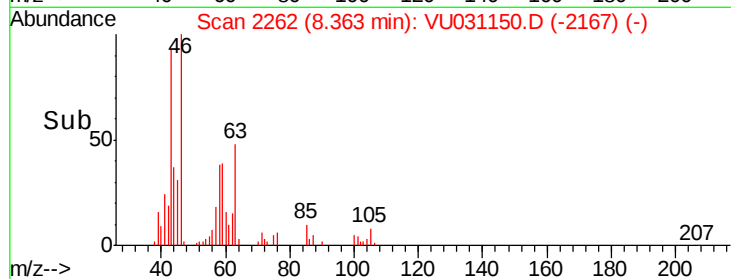
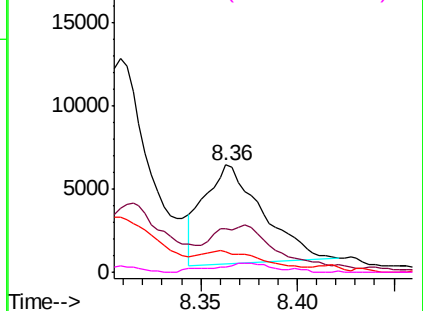
#48
 2-Hexanone
 Concen: 2.193 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031150.D
 Acq: 12 Apr 2019 23:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC23

Tgt Ion:	43	Resp:	12555
Ion	Ratio	Lower	Upper
43	100		
58	6.0	41.9	62.9#
57	0.0	14.3	21.5#
100	7.2	7.1	10.7

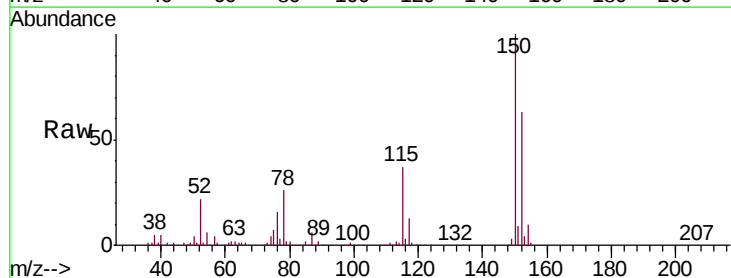


Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-2250) (-)
 Ion 58.00 (57.70 to 58.70): VU031127.D (-2250) (-)
 Ion 57.00 (56.70 to 57.70): VU031127.D (-2250) (-)
 Ion 100.00 (99.70 to 100.70): VU031127.D (-2250) (-)



#59
 1,2,3-Trichloropropane
 Concen: 4.302 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031150.D
 Acq: 12 Apr 2019 23:36

Tgt Ion:	75	Resp:	23508
Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.1	39.1



Abundance Ion 75.00 (74.70 to 75.70): VU031127.D (-2910) (-)
 Ion 77.00 (76.70 to 77.70): VU031127.D (-2910) (-)

