

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031770.D
 Acq On : 06 May 2019 11:16
 Operator : JC/SP
 Sample : K2694-01RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	701626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	689454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	300615	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.38%
7) Chloroethane-d5	1.68	69	238535	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.14%
11) 1,1-Dichloroethene-d2	2.27	63	445047	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.18	46	662899	124.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.60%
24) Chloroform-d	4.64	84	552387	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.31	65	385957	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
32) Benzene-d6	5.34	84	1062561	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.32	67	389455	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.56	98	841556	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%
43) trans-1,3-Dichloropropene-	7.85	79	157668	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
47) 2-Hexanone-d5	8.31	63	372176	115.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	515675	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	276112	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

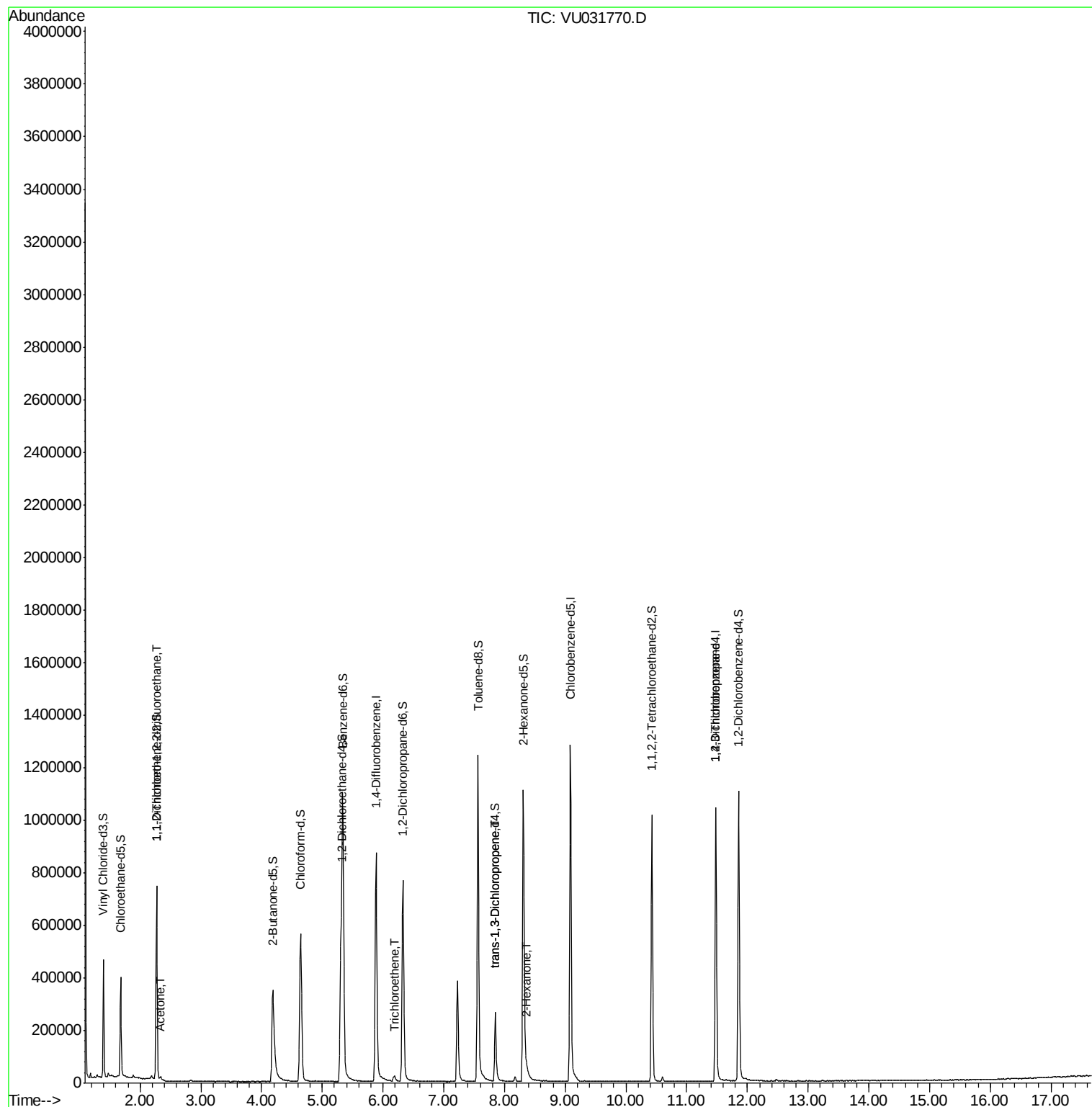
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3772	0.671 ug/L #	21
13) Acetone	2.34	43	10317	1.722 ug/L	84
34) Trichloroethene	6.19	95	4978	0.810 ug/L	84
44) trans-1,3-Dichloropropene	7.85	75	6505	0.754 ug/L	91
48) 2-Hexanone	8.37	43	32586	3.639 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	36217	4.245 ug/L	90

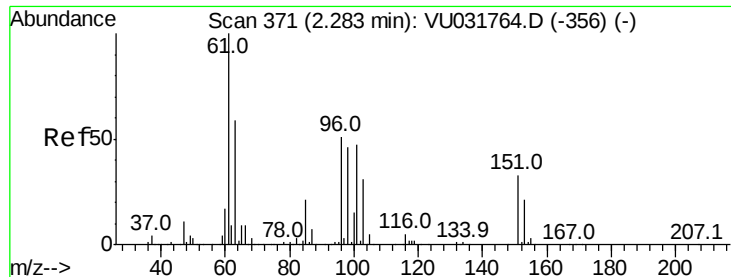
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.671 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031770.D

Acq: 06 May 2019 11:16

Instrument :

MSVOA_U

ClientSampled :

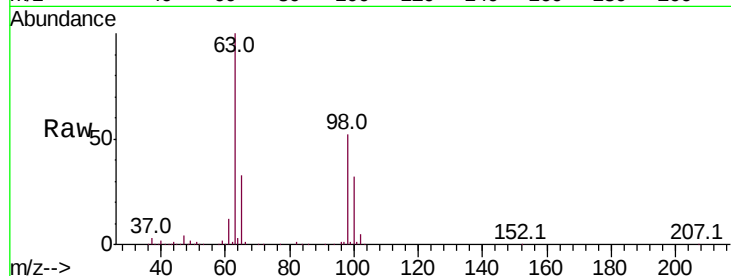
Tot Ion:101 Resp: 3772

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

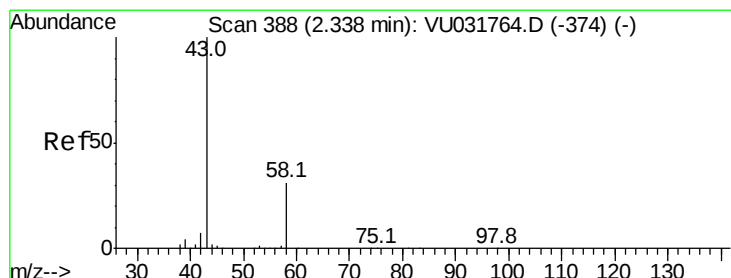
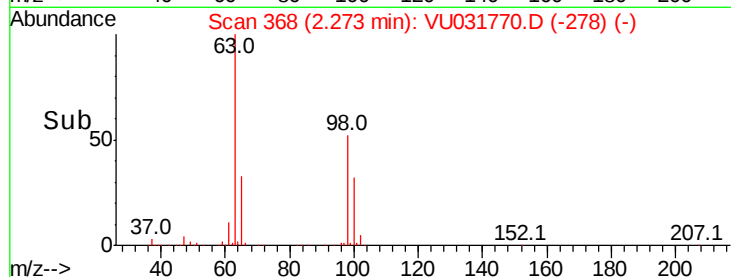
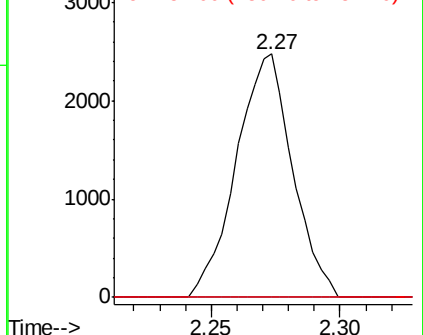
151 0.0 56.1 84.1#



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



#13

Acetone

Concen: 1.722 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031770.D

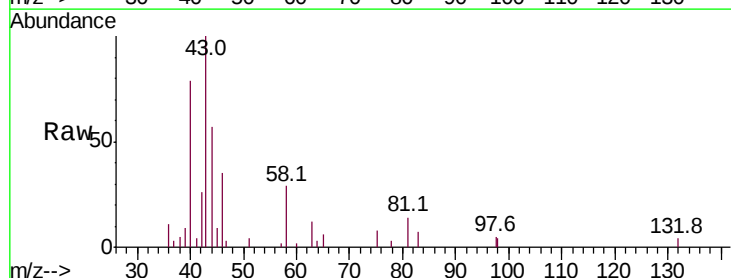
Acq: 06 May 2019 11:16

Tgt Ion: 43 Resp: 10317

Ion Ratio Lower Upper

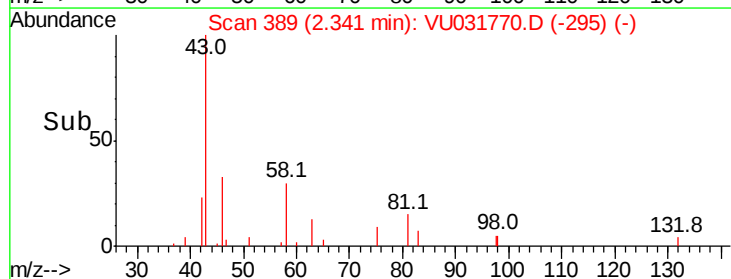
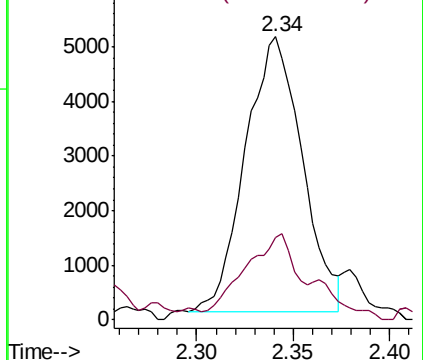
43 100

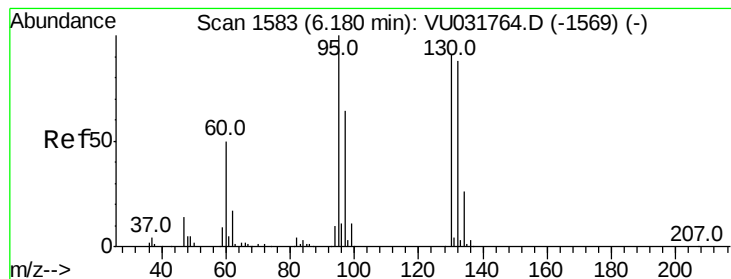
58 23.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 0.810 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU031770.D

Acq: 06 May 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 4978

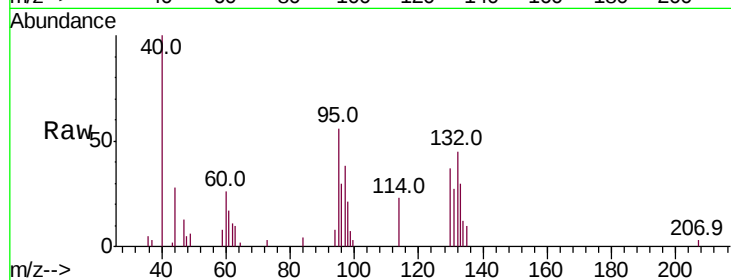
Ion Ratio Lower Upper

95 100

97 67.5 44.8 83.2

132 80.5 63.1 117.1

130 66.5 66.5 123.5

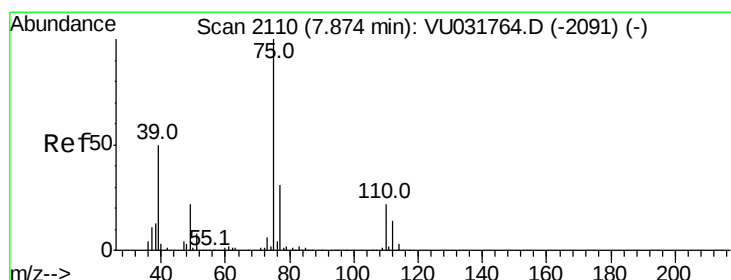
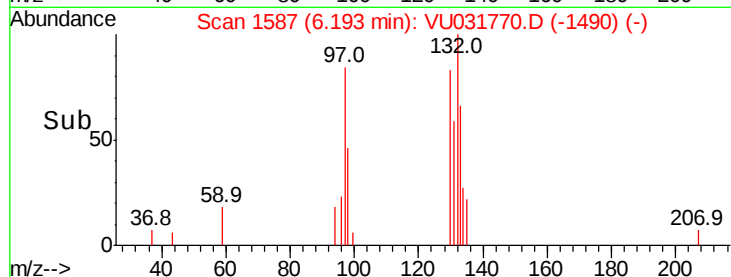
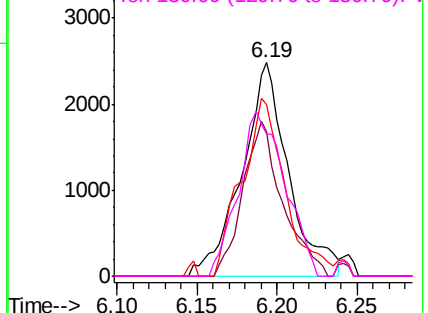


Abundance Ion 95.00 (94.70 to 95.70): VU031770.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031770.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031770.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031770.D (-1490) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031770.D

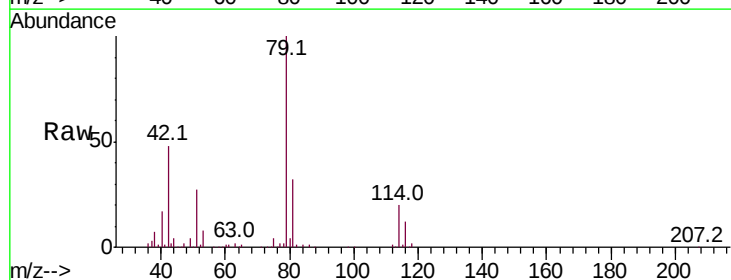
Acq: 06 May 2019 11:16

Tgt Ion: 75 Resp: 6505

Ion Ratio Lower Upper

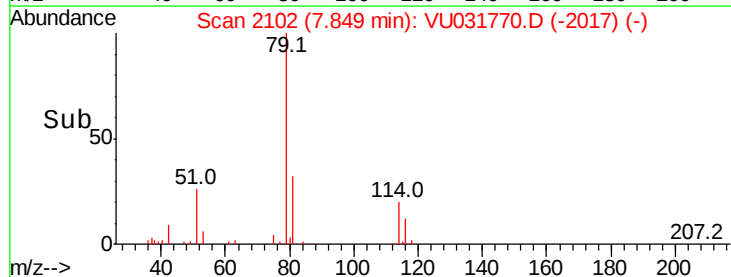
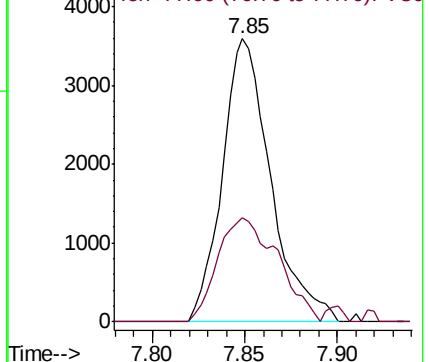
75 100

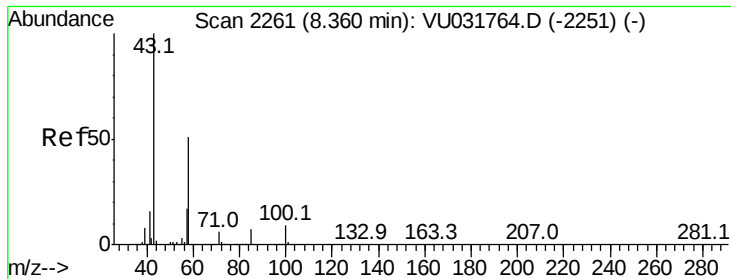
77 36.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031770.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU031770.D (-2017) (-)

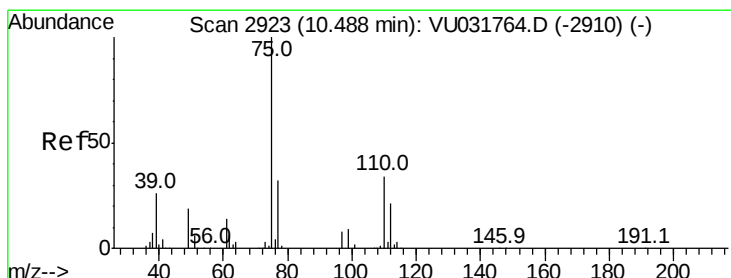
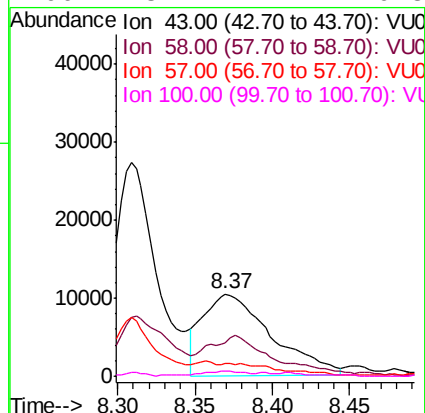
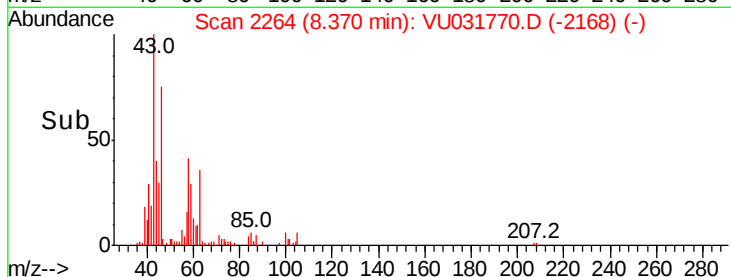
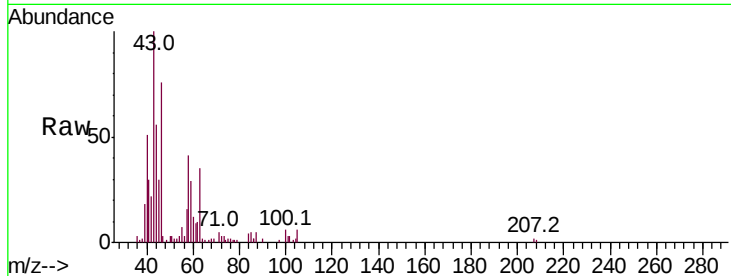




#48
2-Hexanone
Concen: 3.639 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031770.D
Acq: 06 May 2019 11:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 32586
Ion Ratio Lower Upper
43 100
58 35.3 42.1 63.1#
57 0.0 14.6 22.0#
100 3.1 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.245 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031770.D
Acq: 06 May 2019 11:16

Tgt Ion: 75 Resp: 36217
Ion Ratio Lower Upper
75 100
77 38.0 25.9 38.9

