

Data File : VU031537.D
Acq On : 26 Apr 2019 17:16
Operator : JC/SP
Sample : K2586-20 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X66

Quant Time: Apr 27 00:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	892522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	353105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	394732	52.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.68%
7) Chloroethane-d5	1.76	69	259	0.04	ug/L	0.08
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.27	63	564099	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
21) 2-Butanone-d5	4.18	46	687909	101.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.64%
24) Chloroform-d	4.64	84	628602	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.31	65	409182	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
32) Benzene-d6	5.34	84	1336760	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.32	67	456444	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.56	98	1176003	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%
43) trans-1,3-Dichloropropene-	7.85	79	193633	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.78%
47) 2-Hexanone-d5	8.31	63	458593	117.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	572389	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	385827	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

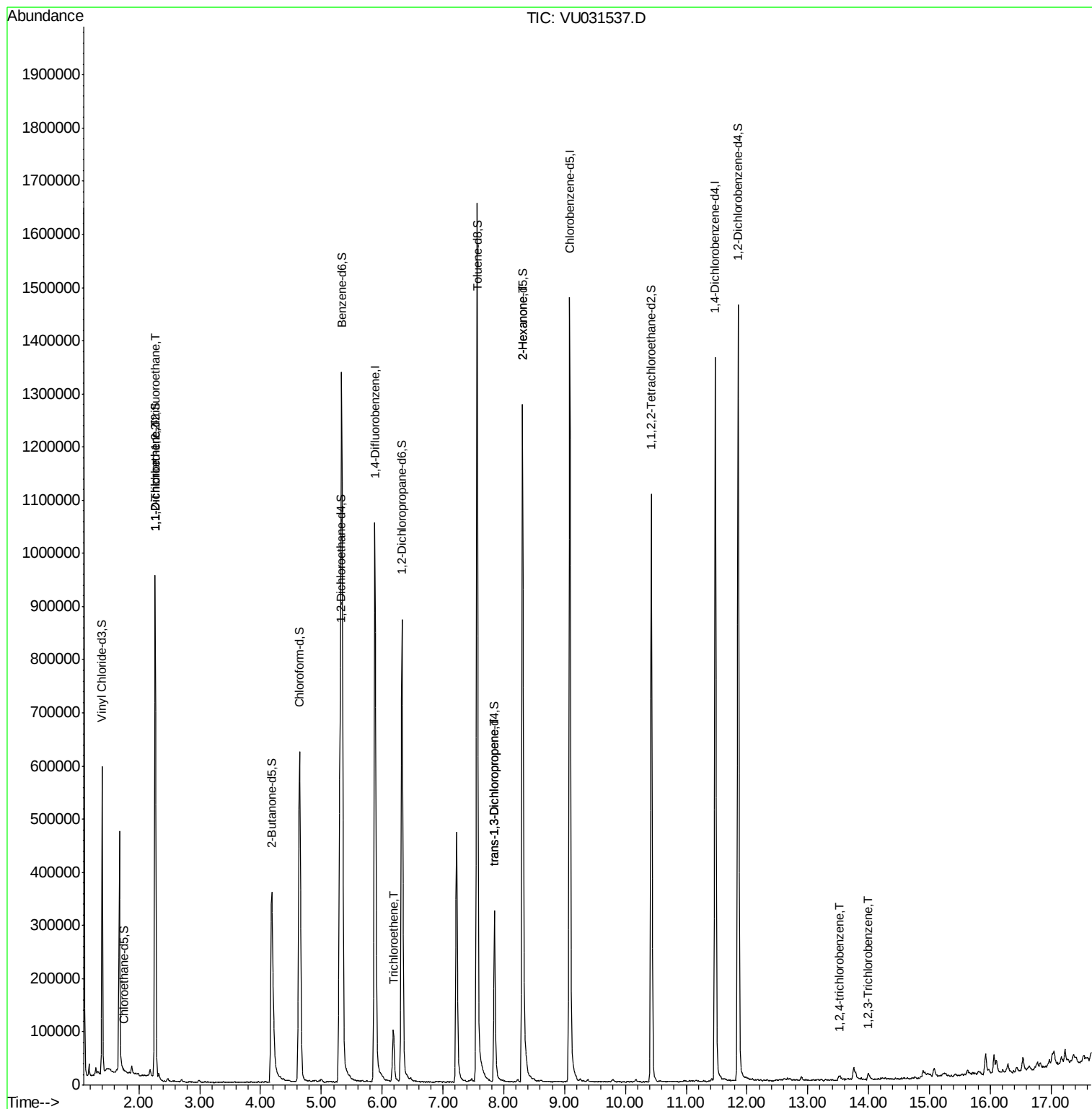
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5594	0.782	ug/L #	27
12) 1,1-Dichloroethene	2.27	96	4782	0.687	ug/L #	1
34) Trichloroethene	6.18	95	35074	4.703	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	7846	0.749	ug/L #	67
48) 2-Hexanone	8.31	43	52553	4.835	ug/L #	72
68) 1,2,4-trichlorobenzene	13.52	180	3920	0.566	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.00	180	4164	0.528	ug/L #	86

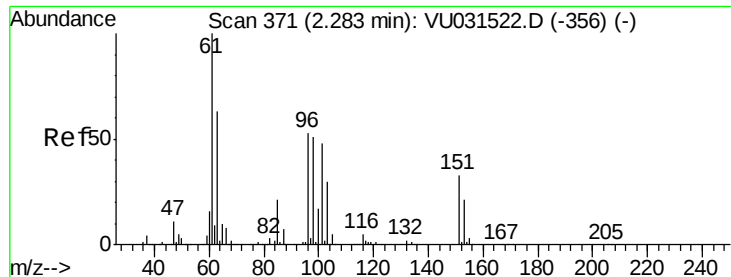
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.782 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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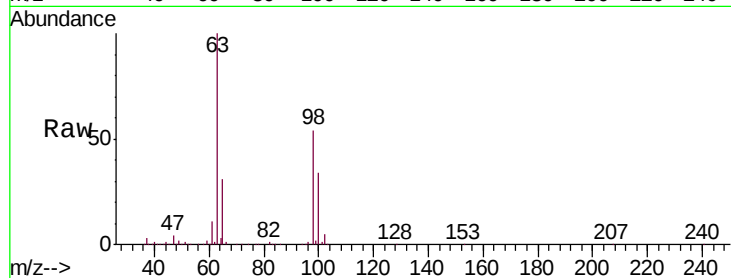
Tgt Ion: 101 Resp: 5594

Ion Ratio Lower Upper

101 100

85 7.0 36.1 54.1#

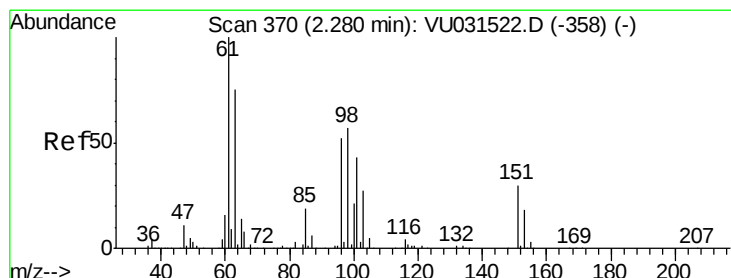
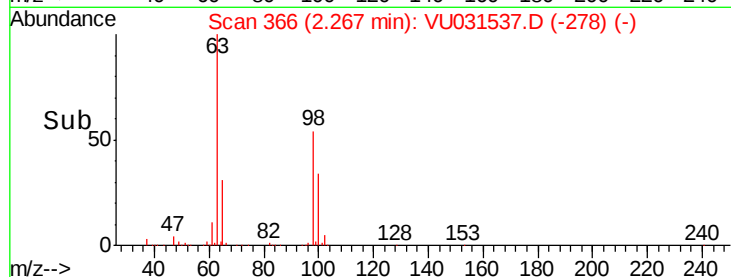
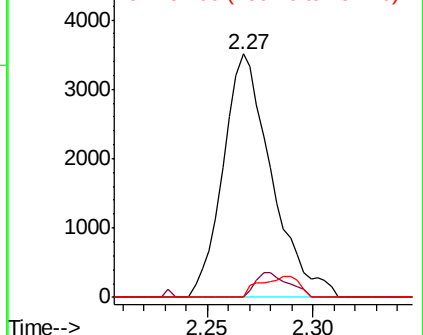
151 2.1 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.687 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031537.D

Acq: 26 Apr 2019 17:16

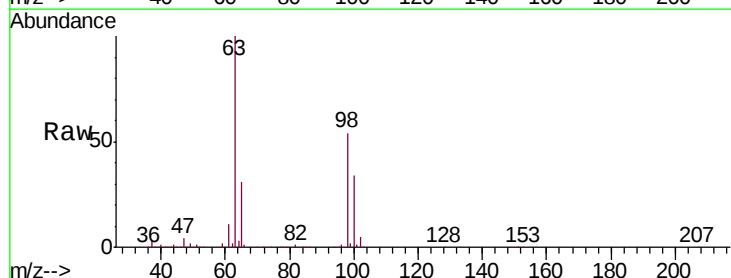
Tgt Ion: 96 Resp: 4782

Ion Ratio Lower Upper

96 100

61 1635.2 135.0 250.6#

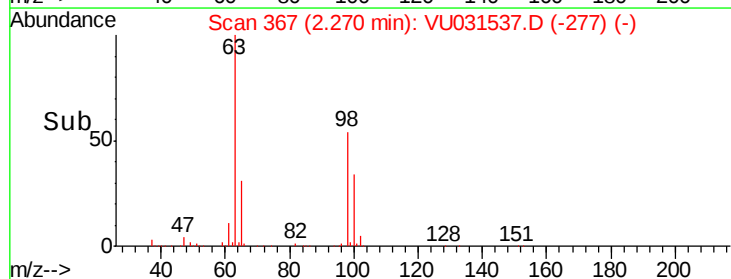
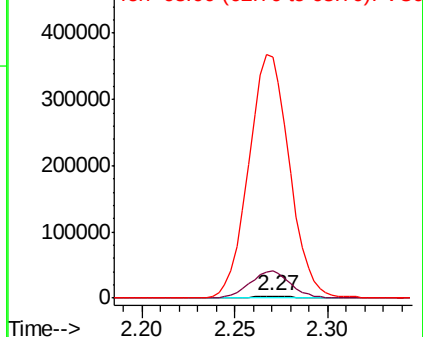
63 14412.7 103.5 192.3#

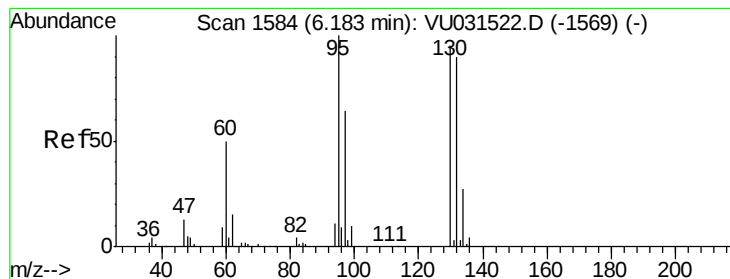


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 4.703 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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ClientSampleId :

C0X66

Tgt Ion: 95 Resp: 35074

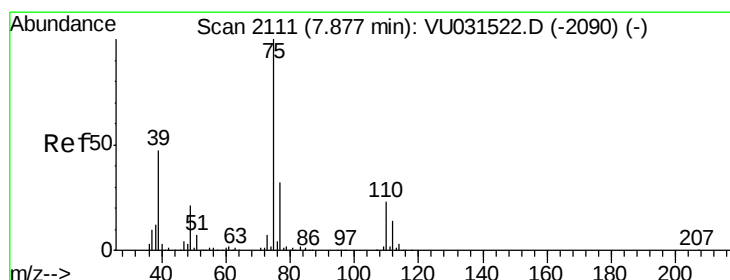
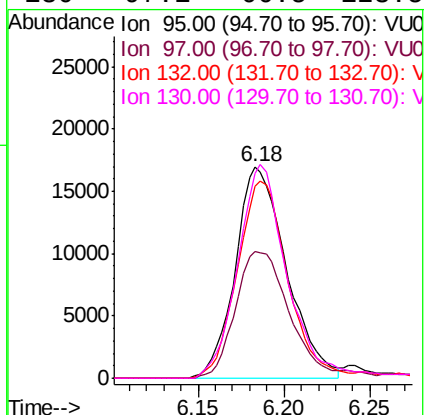
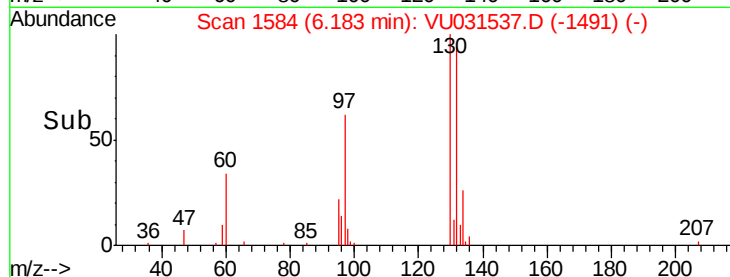
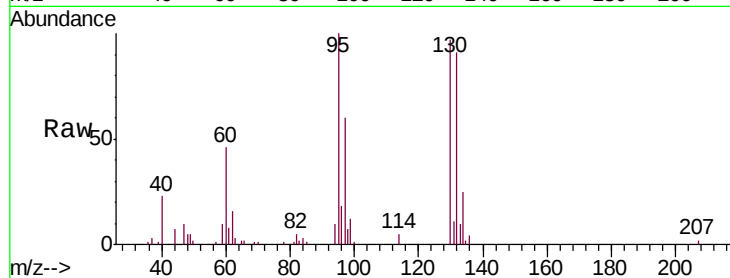
Ion Ratio Lower Upper

95 100

97 60.0 44.8 83.2

132 91.0 63.1 117.1

130 97.1 66.5 123.5



#44

trans-1,3-Dichloropropene

Concen: 0.749 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031537.D

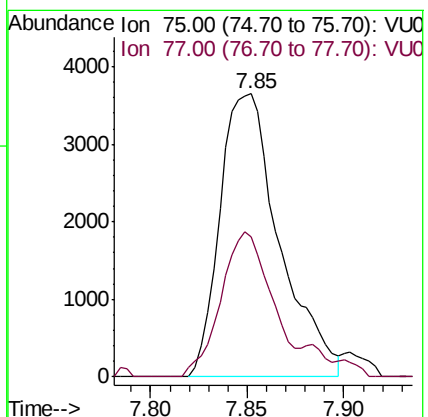
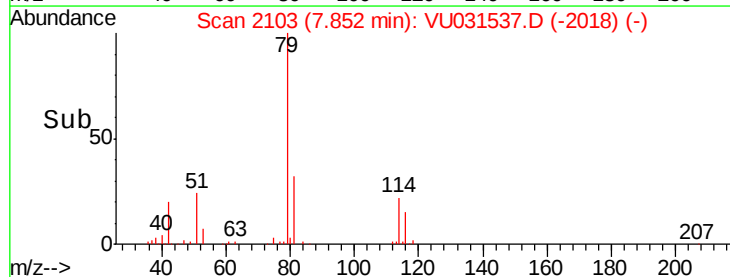
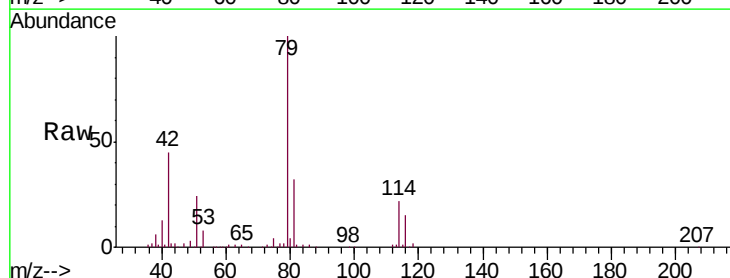
Acq: 26 Apr 2019 17:16

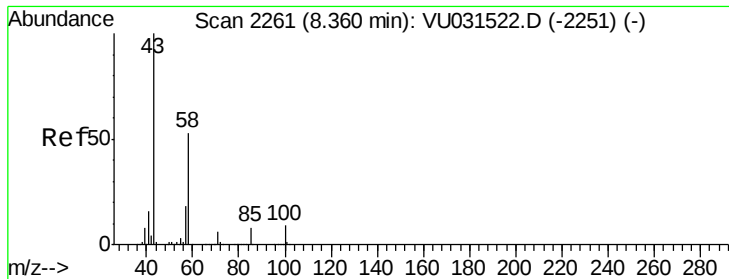
Tgt Ion: 75 Resp: 7846

Ion Ratio Lower Upper

75 100

77 49.6 22.1 41.1#

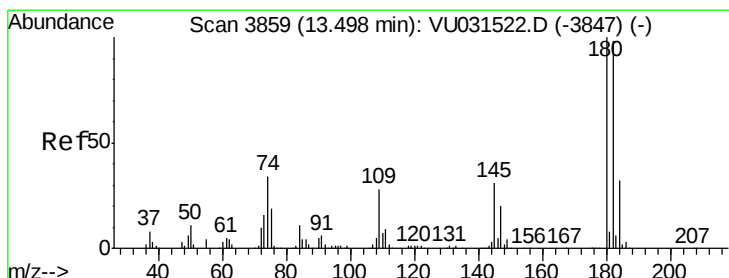
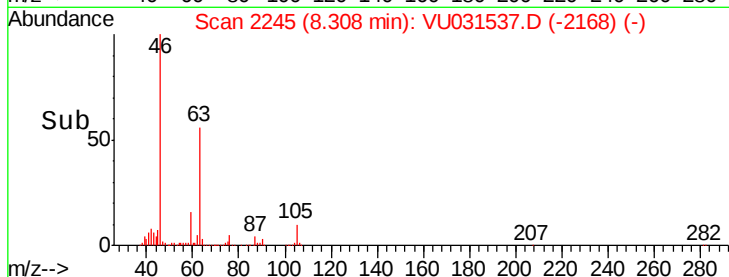
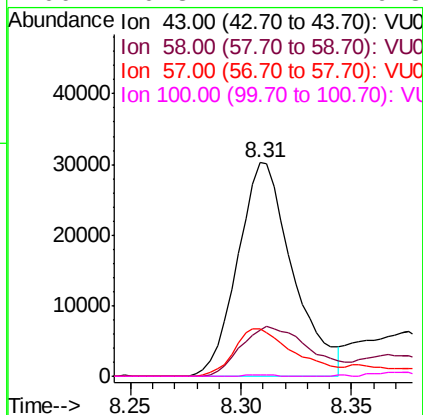
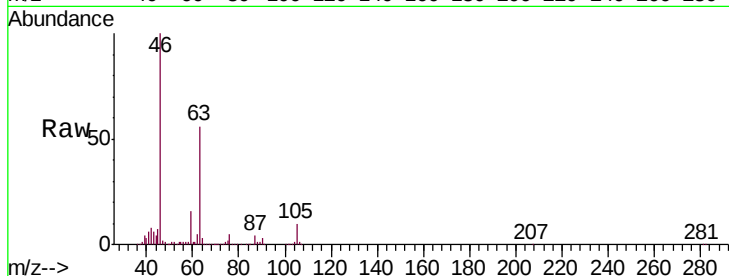




#48
2-Hexanone
Concen: 4.835 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031537.D
Acq: 26 Apr 2019 17:16

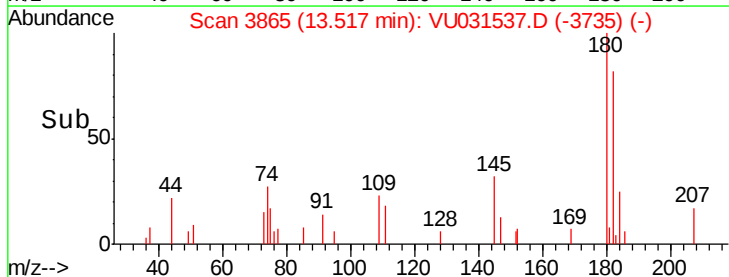
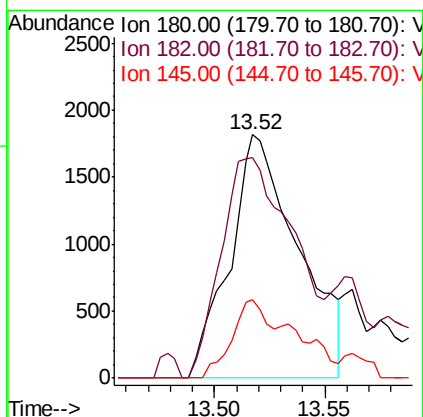
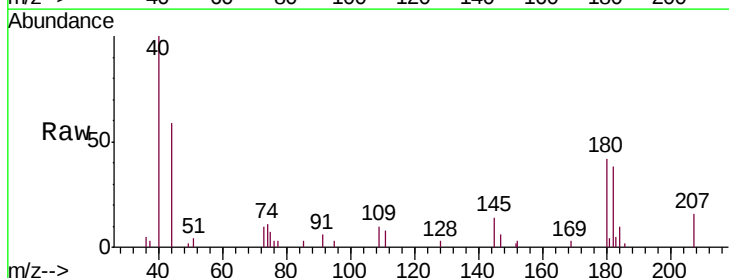
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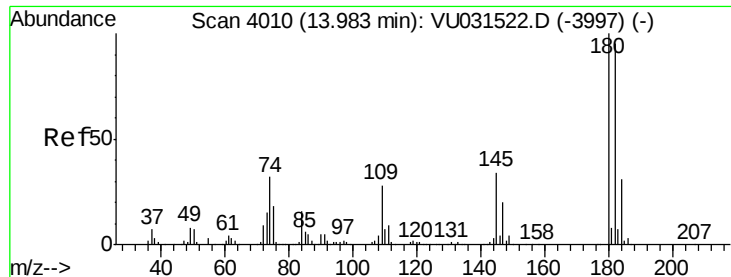
Tgt Ion: 43 Resp: 52553
Ion Ratio Lower Upper
43 100
58 29.2 42.1 63.1#
57 24.3 14.6 22.0#
100 0.3 7.2 10.8#



#68
1,2,4-trichlorobenzene
Concen: 0.566 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.02 min
Lab File: VU031537.D
Acq: 26 Apr 2019 17:16

Tgt Ion: 180 Resp: 3920
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.8
145 17.4 24.5 36.7#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.528 ug/L
 RT: 14.00 min Scan# 4016
 Delta R.T. 0.02 min
 Lab File: VU031537.D
 Acq: 26 Apr 2019 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X66

Tgt Ion:180 Resp: 4164
 Ion Ratio Lower Upper
 180 100
 182 88.5 76.1 114.1
 145 11.8 26.0 39.0#

