

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031574.D
 Acq On : 29 Apr 2019 10:30
 Operator : JC/SP
 Sample : K2590-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X94

Quant Time: Apr 30 01:57:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	718960	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	693403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	270795	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	319302	53.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.14%
7) Chloroethane-d5	1.68	69	260613	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.10%
11) 1,1-Dichloroethene-d2	2.27	63	468230	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
21) 2-Butanone-d5	4.19	46	609356	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.64	84	555557	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.31	65	381660	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
32) Benzene-d6	5.34	84	1091998	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
36) 1,2-Dichloropropane-d6	6.32	67	396689	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.90%
41) Toluene-d8	7.56	98	938821	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.85	79	162095	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.82%
47) 2-Hexanone-d5	8.31	63	361992	111.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503000	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	310321	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%

Target Compounds

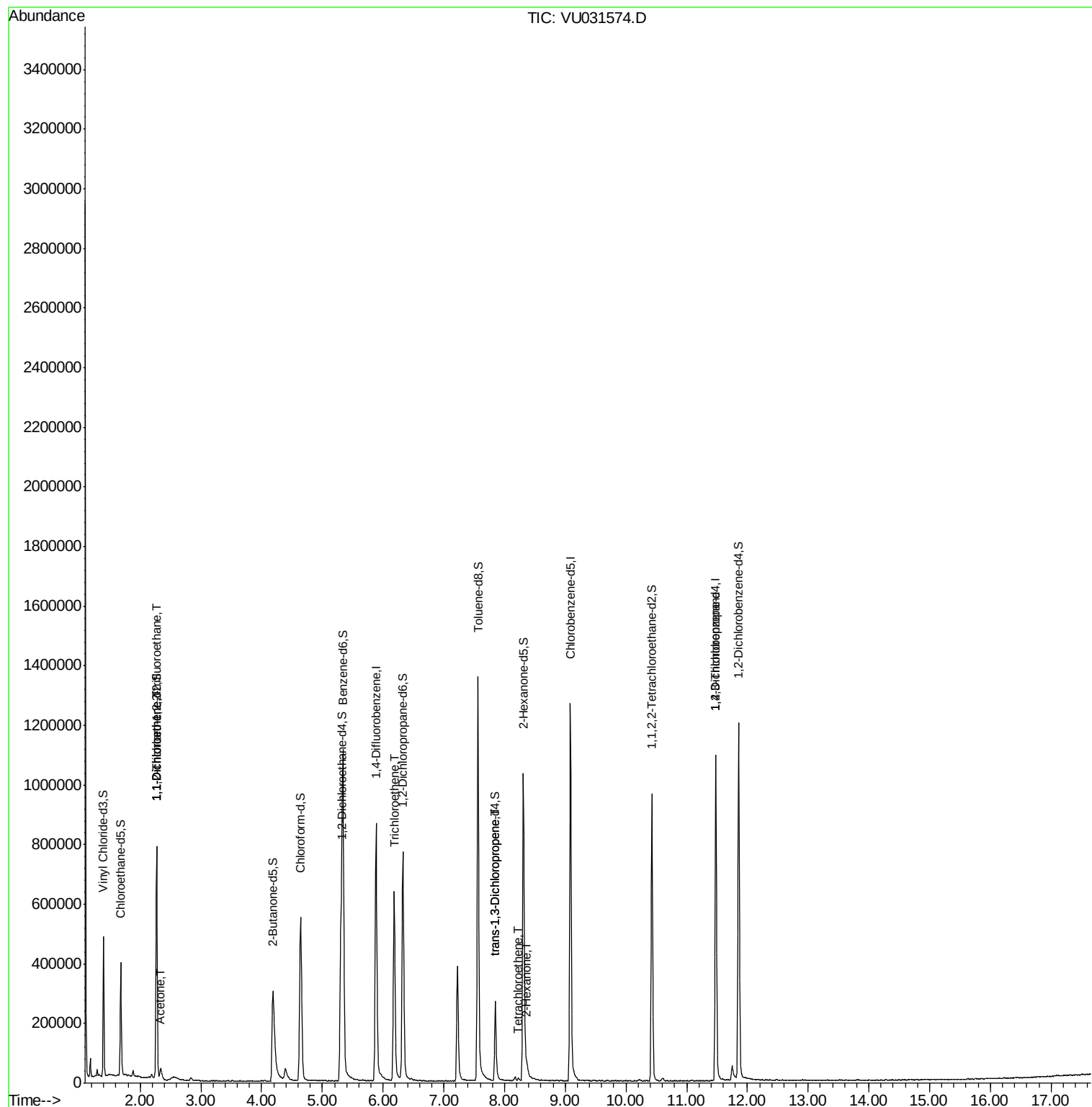
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3344	0.580 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3190	0.569 ug/L #	1
13) Acetone	2.34	43	48035	7.822 ug/L	98
34) Trichloroethene	6.18	95	237109	38.369 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6618	0.763 ug/L	97
46) Tetrachloroethene	8.23	164	1993	0.473 ug/L	84
48) 2-Hexanone	8.37	43	23033	2.558 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	37054	4.318 ug/L	93

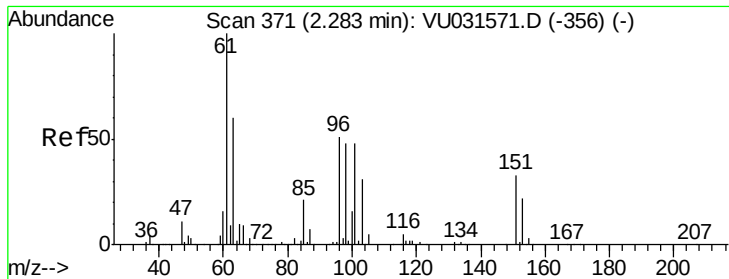
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.580 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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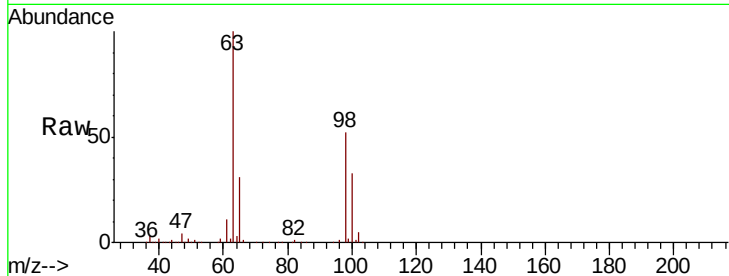
Tgt Ion: 101 Resp: 3344

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

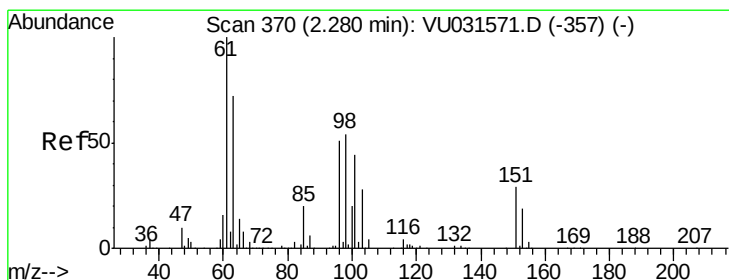
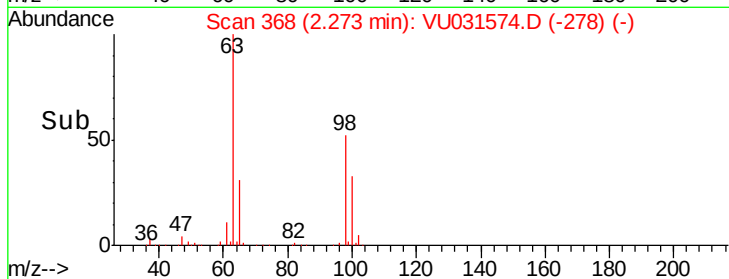
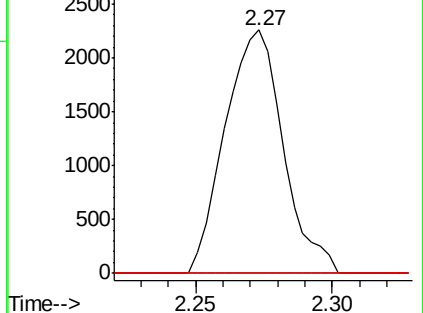
151 0.0 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.569 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031574.D

Acq: 29 Apr 2019 10:30

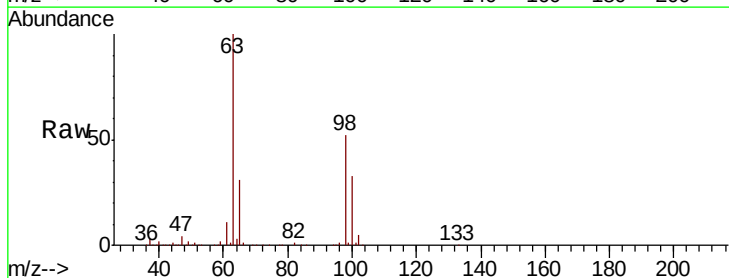
Tgt Ion: 96 Resp: 3190

Ion Ratio Lower Upper

96 100

61 1737.8 135.0 250.6#

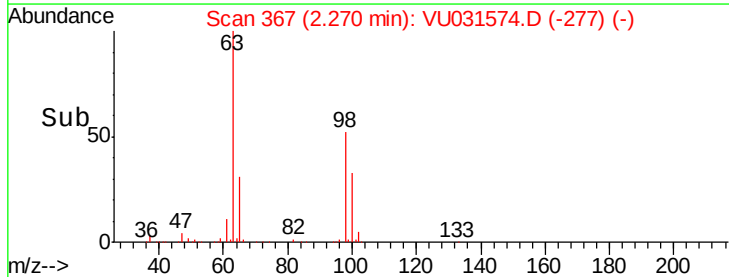
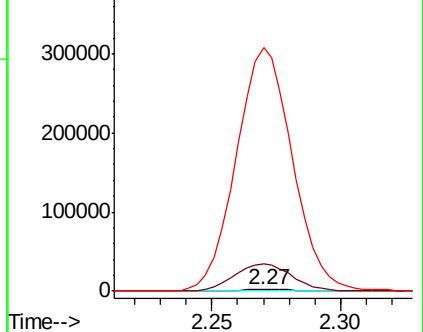
63 15548.9 103.5 192.3#

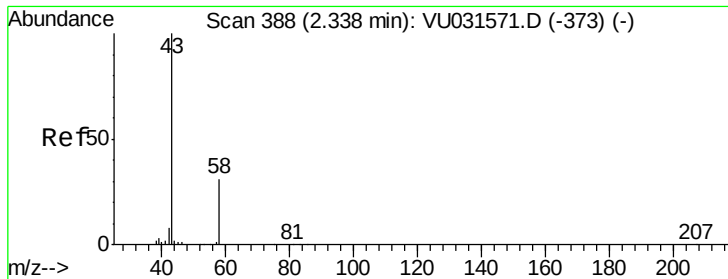


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.822 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031574.D

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ClientSampleId :

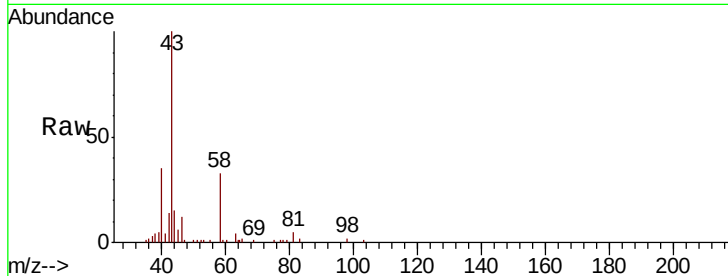
C0X94

Tgt Ion: 43 Resp: 48035

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031571.D (-373) (-)

2.34

20000

15000

10000

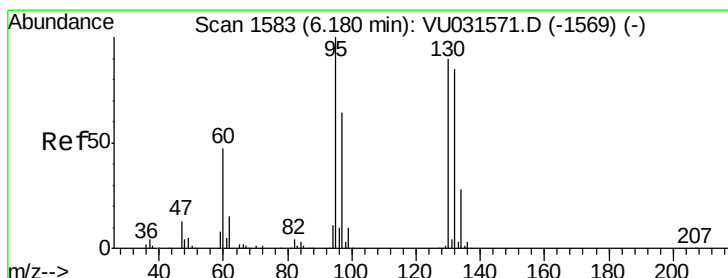
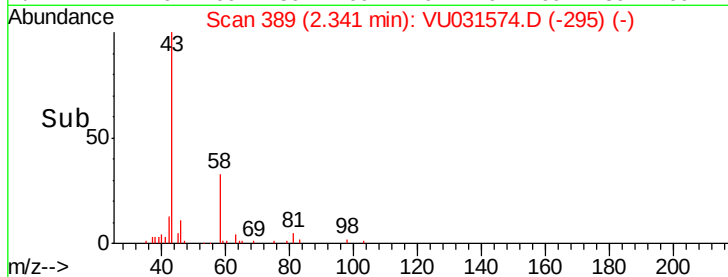
5000

0

2.30

2.40

Time-->



#34

Trichloroethene

Concen: 38.369 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031574.D

Acq: 29 Apr 2019 10:30

Tgt Ion: 95 Resp: 237109

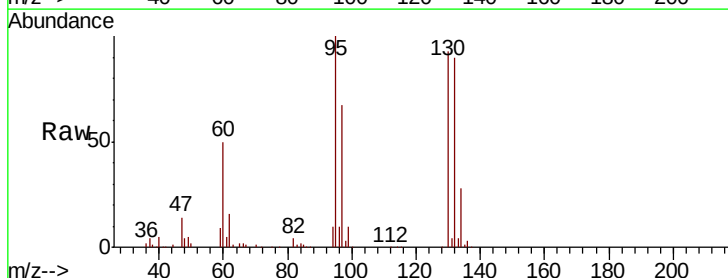
Ion Ratio Lower Upper

95 100

97 67.0 44.8 83.2

132 89.5 63.1 117.1

130 92.7 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)

150000

100000

50000

0

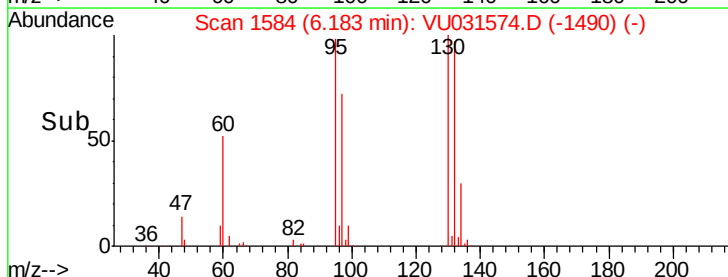
6.10

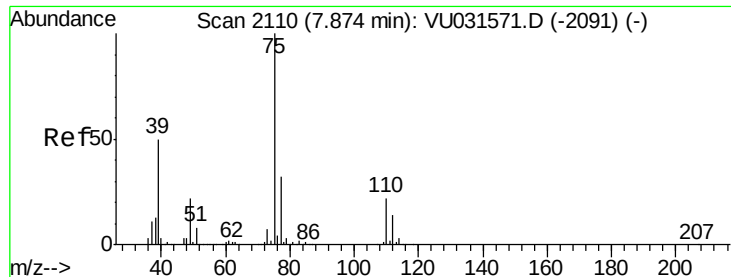
6.15

6.20

6.25

Time-->

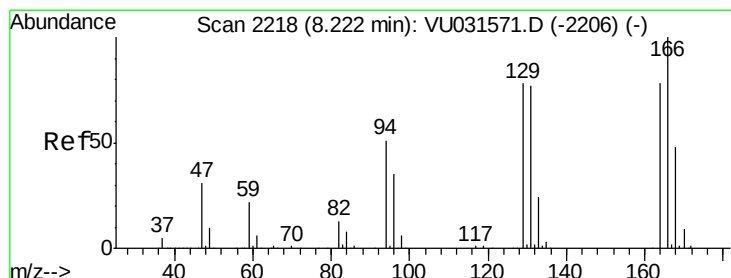
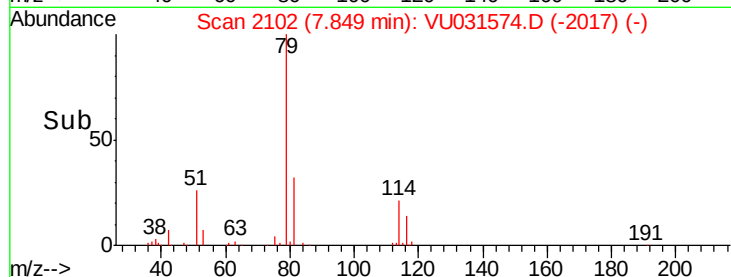
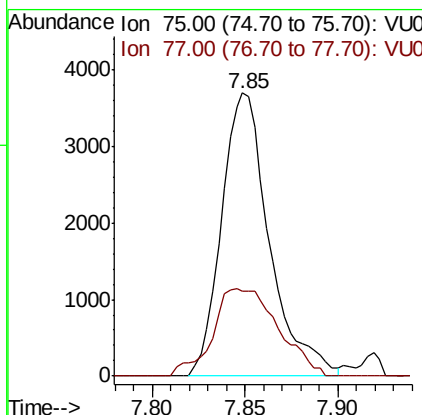
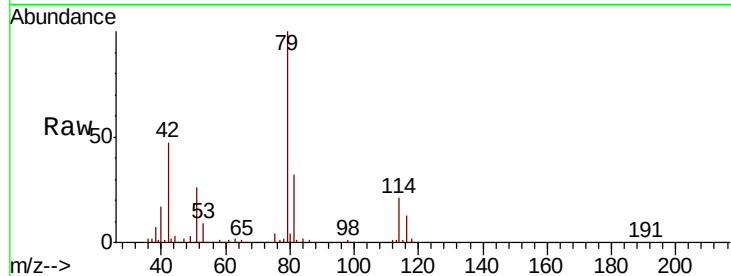




#44
 trans-1,3-Dichloropropene
 Concen: 0.763 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031574.D
 Acq: 29 Apr 2019 10:30

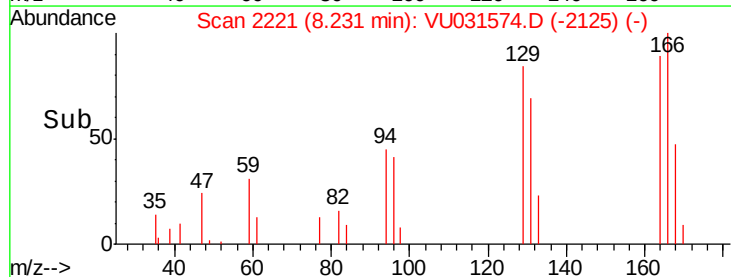
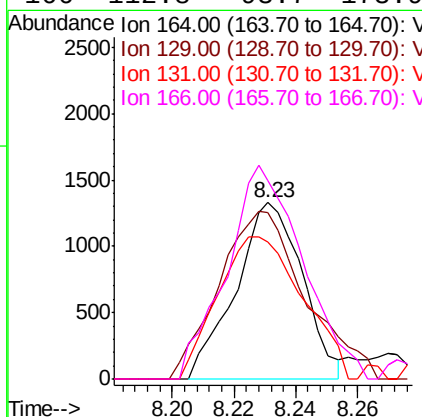
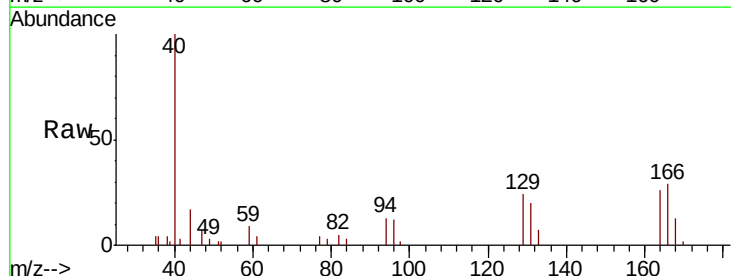
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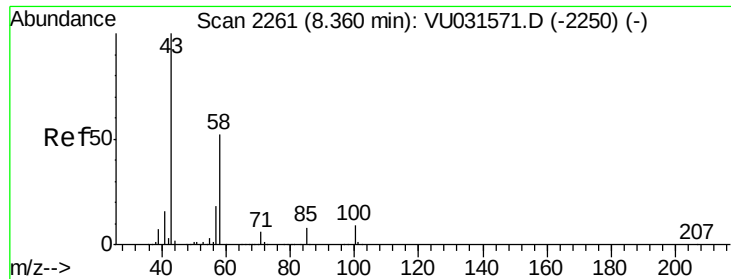
Tgt Ion: 75 Resp: 6618
 Ion Ratio Lower Upper
 75 100
 77 29.8 22.1 41.1



#46
 Tetrachloroethene
 Concen: 0.473 ug/L
 RT: 8.23 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: VU031574.D
 Acq: 29 Apr 2019 10:30

Tgt Ion: 164 Resp: 1993
 Ion Ratio Lower Upper
 164 100
 129 94.2 71.5 132.9
 131 78.0 69.0 128.2
 166 112.8 93.7 173.9

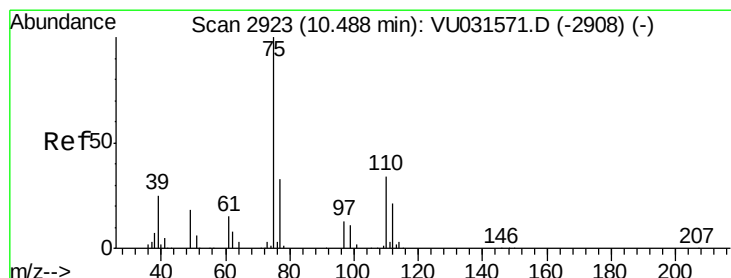
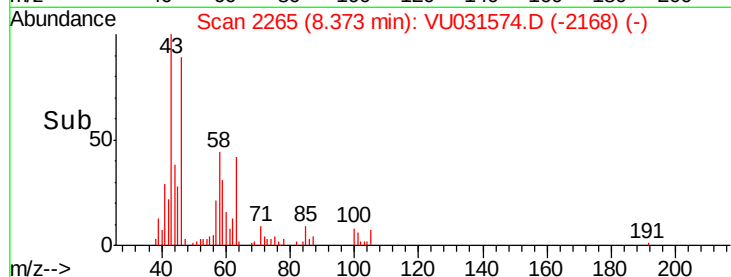
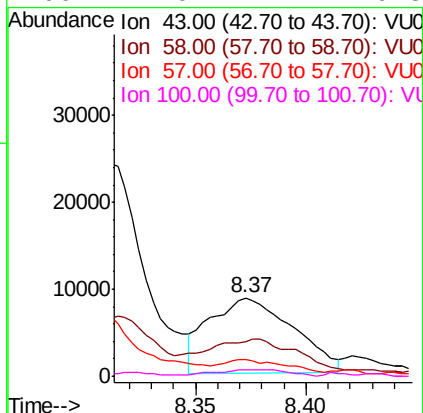
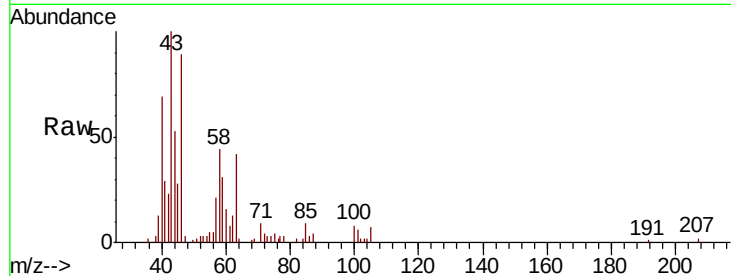




#48
 2-Hexanone
 Concen: 2.558 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031574.D
 Acq: 29 Apr 2019 10:30

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Tgt Ion:	43	Resp:	23033
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	2.6	14.6	22.0#
100	1.0	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.318 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031574.D
 Acq: 29 Apr 2019 10:30

Tgt Ion:	75	Resp:	37054
Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.9	38.9

