

Data File : VU031615.D
Acq On : 30 Apr 2019 03:09
Operator : JC/SP
Sample : K2593-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB7

Quant Time: Apr 30 04:55:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	620850	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	611295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327928	63.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.22%
7) Chloroethane-d5	1.68	69	245123	61.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.10%
11) 1,1-Dichloroethene-d2	2.42	63	243	0.02	ug/L	0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	555787	118.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.06%
24) Chloroform-d	4.64	84	513045	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.82%
26) 1,2-Dichloroethane-d4	5.31	65	351411	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.04%
32) Benzene-d6	5.34	84	987978	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
36) 1,2-Dichloropropane-d6	6.32	67	358956	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.56	98	810802	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.85	79	137436	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.96%
47) 2-Hexanone-d5	8.31	63	297735	104.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	446335	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	243427	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

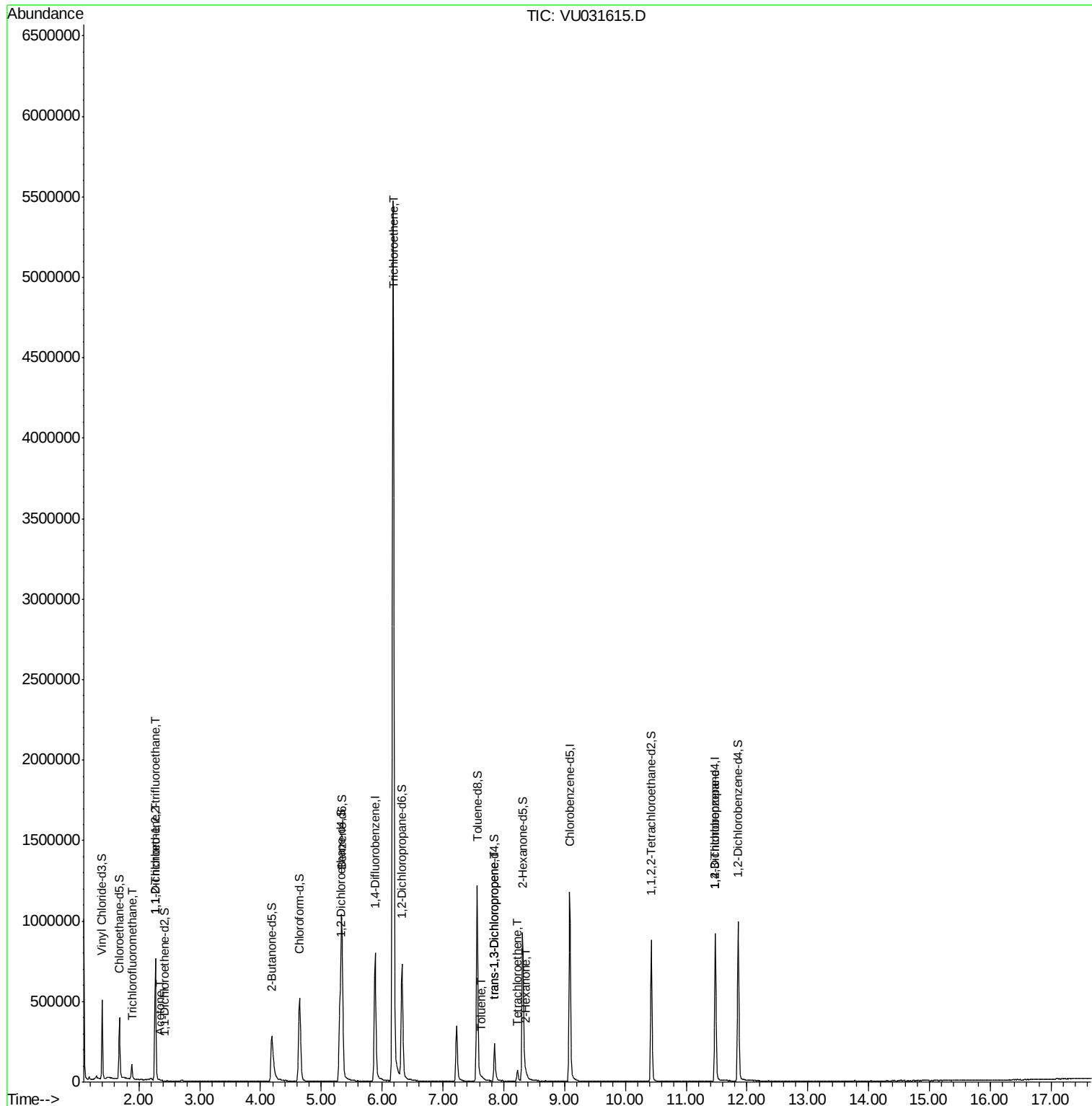
						Qvalue
9) Trichlorofluoromethane	1.88	101	49368	5.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3459	0.695	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3877	0.800	ug/L #	1
13) Acetone	2.35	43	2727	0.514	ug/L	58
34) Trichloroethene	6.18	95	2028715	372.379	ug/L	95
42) Toluene	7.64	91	9663	0.432	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	5551	0.726	ug/L #	74
46) Tetrachloroethene	8.23	164	14606	3.933	ug/L	93
48) 2-Hexanone	8.37	43	16186	2.039	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	32291	4.269	ug/L	93

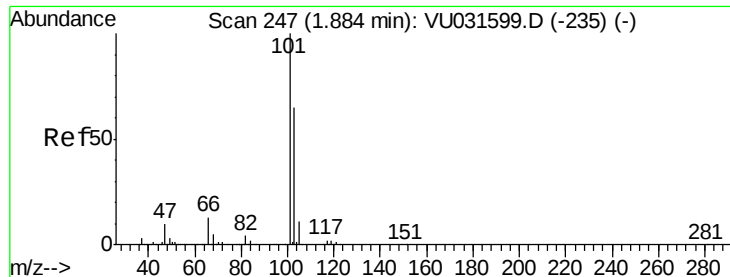
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.608 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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Acq: 30 Apr 2019 03:09

Instrument :

MSVOA_U

ClientSampleId :

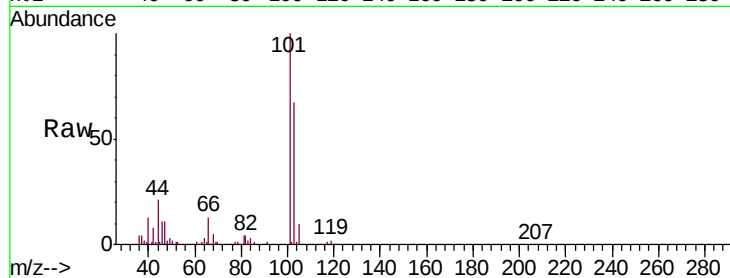
C0XB7

Tgt Ion:101 Resp: 49368

Ion Ratio Lower Upper

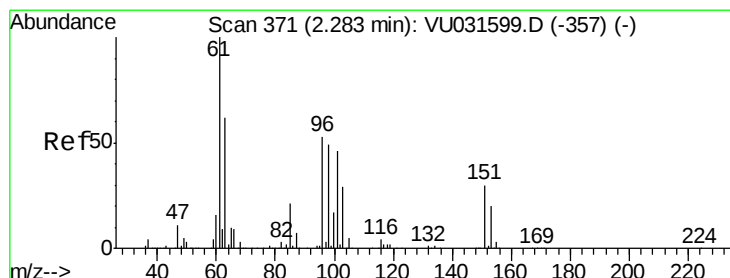
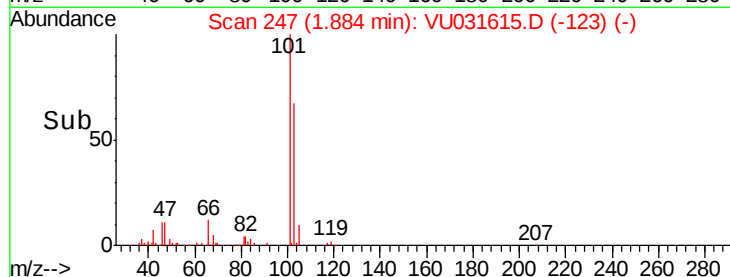
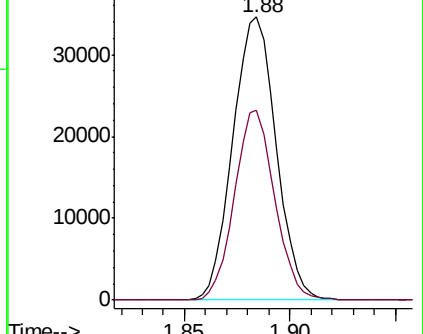
101 100

103 62.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.695 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031615.D

Acq: 30 Apr 2019 03:09

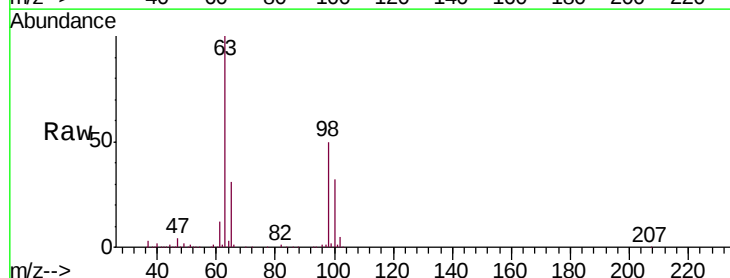
Tgt Ion:101 Resp: 3459

Ion Ratio Lower Upper

101 100

85 1.7 36.1 54.1#

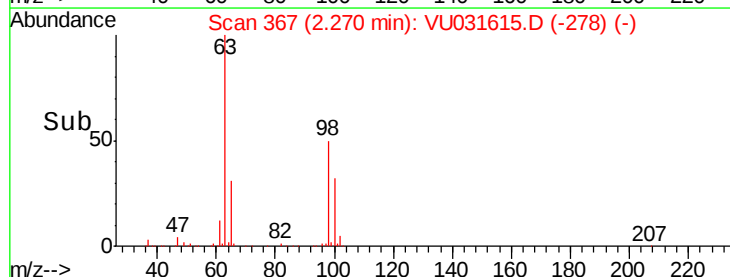
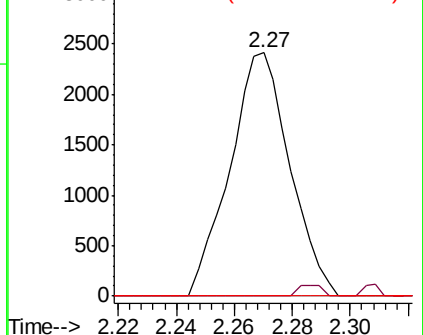
151 0.0 56.1 84.1#

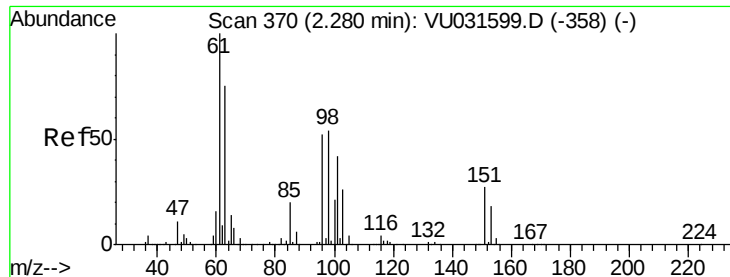


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.800 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031615.D

Acq: 30 Apr 2019 03:09

Instrument :

MSVOA_U

ClientSampleId :

C0XB7

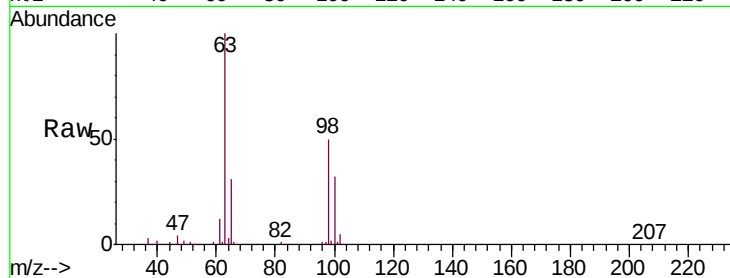
Tgt Ion: 96 Resp: 3877

Ion Ratio Lower Upper

96 100

61 1539.5 135.0 250.6#

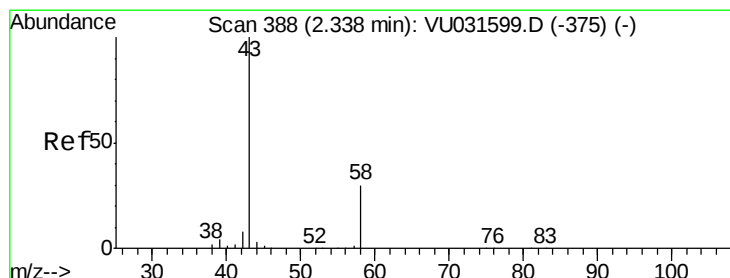
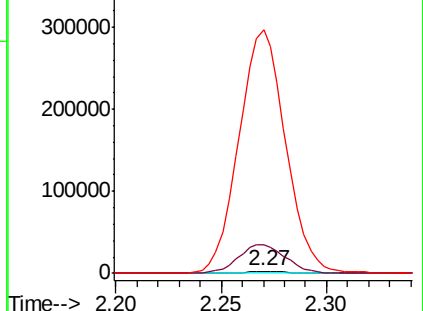
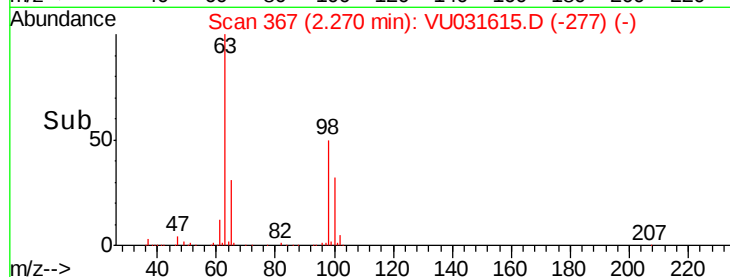
63 12833.2 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031615.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031615.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031615.D (-277) (-)



#13

Acetone

Concen: 0.514 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU031615.D

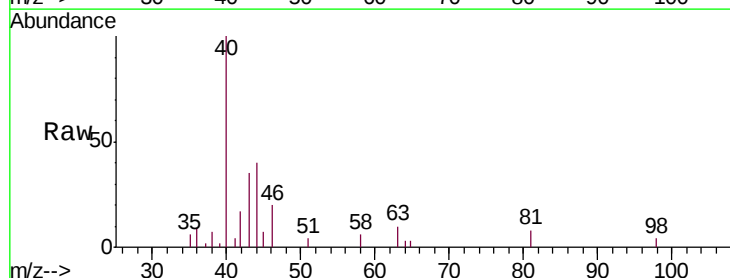
Acq: 30 Apr 2019 03:09

Tgt Ion: 43 Resp: 2727

Ion Ratio Lower Upper

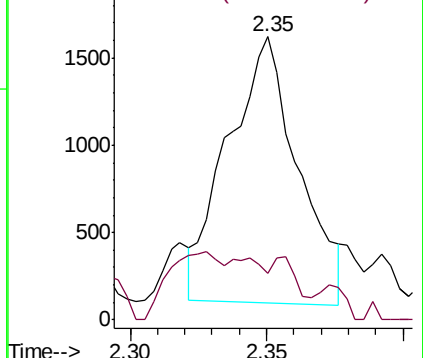
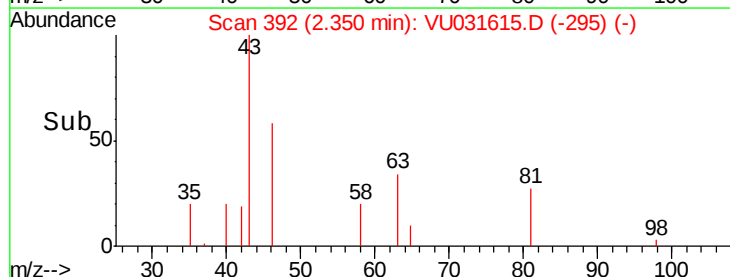
43 100

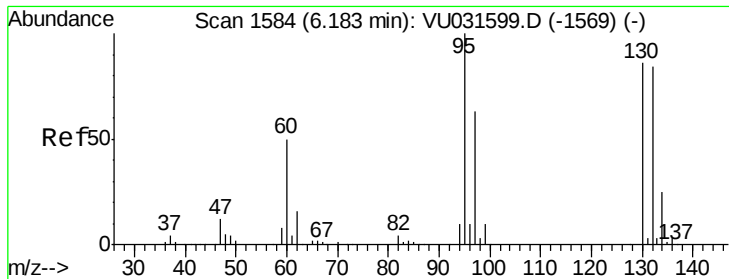
58 8.7 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031615.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031615.D (-295) (-)





#34

Trichloroethene

Concen: 372.379 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031615.D

Acq: 30 Apr 2019 03:09

Instrument :

MSVOA_U

ClientSampleId :

C0XB7

Tgt Ion: 95 Resp: 2028715

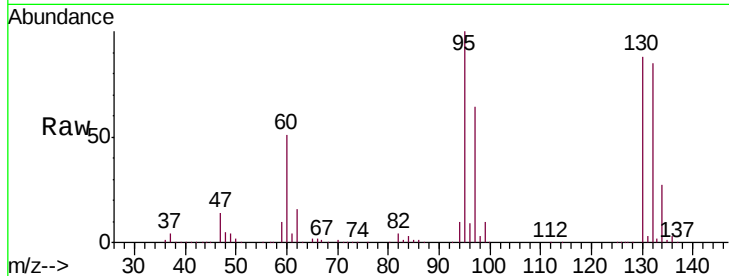
Ion Ratio Lower Upper

95 100

97 63.7 44.8 83.2

132 84.8 63.1 117.1

130 87.6 66.5 123.5



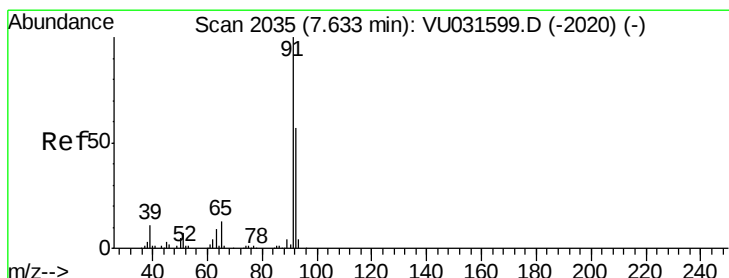
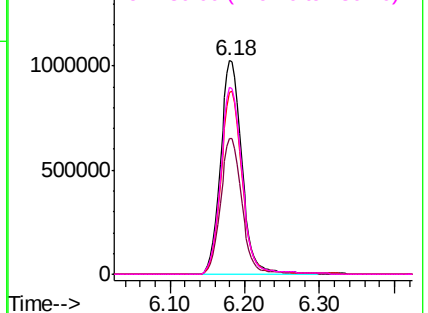
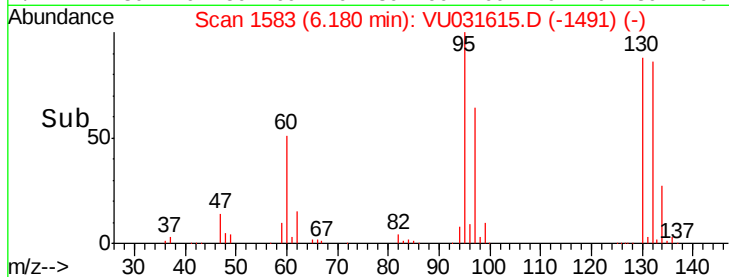
Abundance

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



#42

Toluene

Concen: 0.432 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031615.D

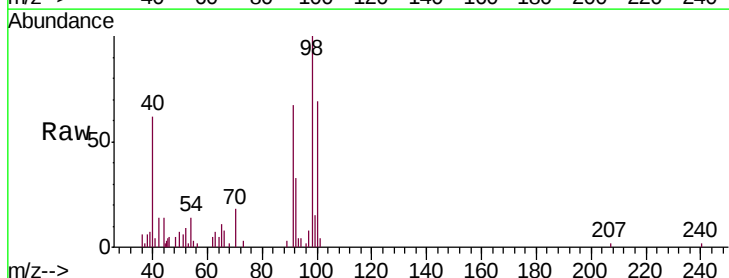
Acq: 30 Apr 2019 03:09

Tgt Ion: 91 Resp: 9663

Ion Ratio Lower Upper

91 100

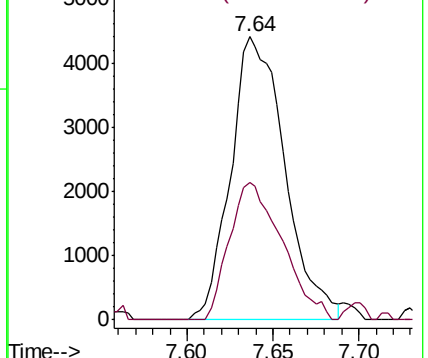
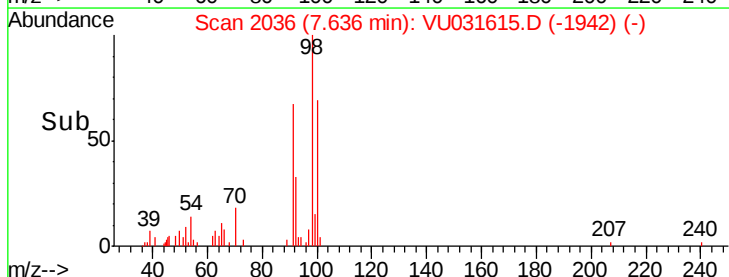
92 48.8 39.0 72.4

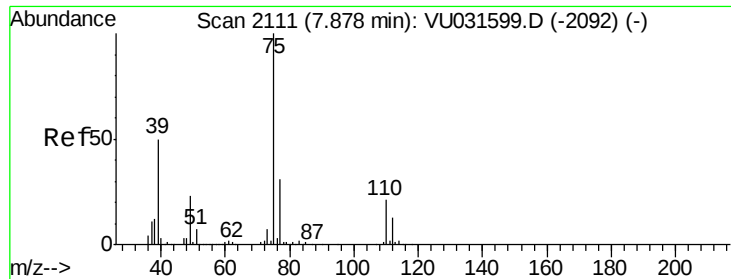


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

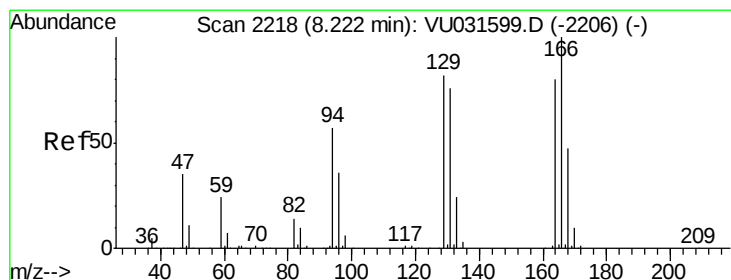
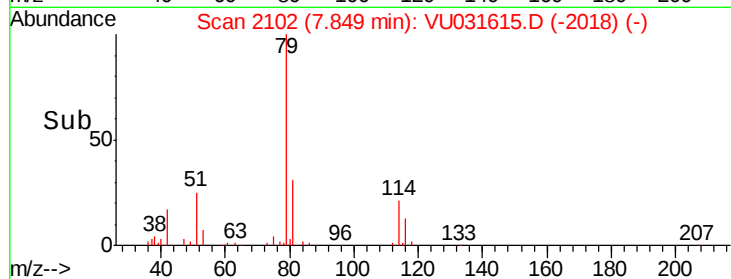
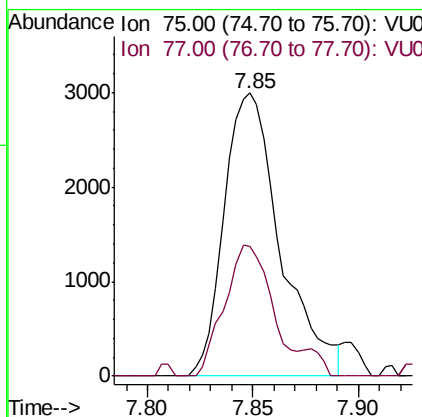
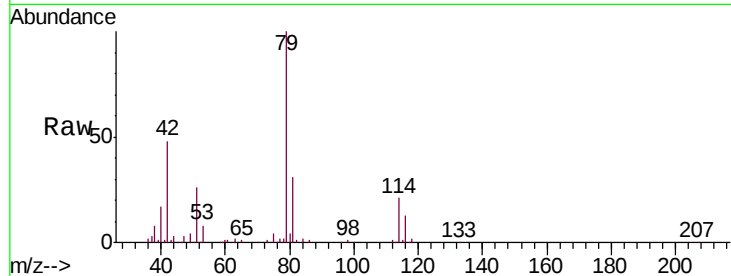




#44
trans-1,3-Dichloropropene
Concen: 0.726 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

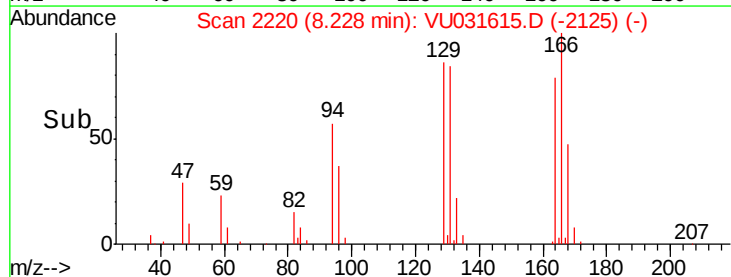
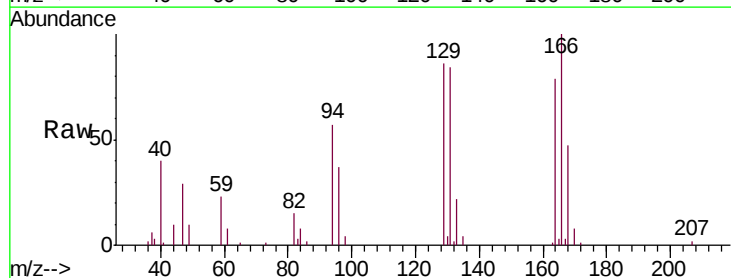
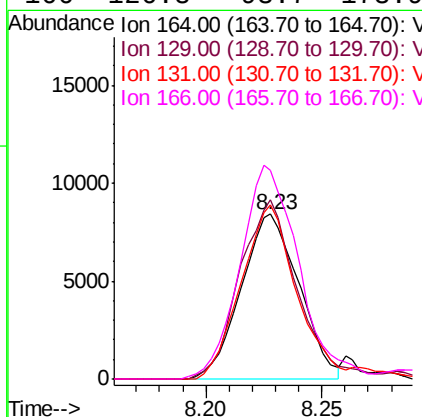
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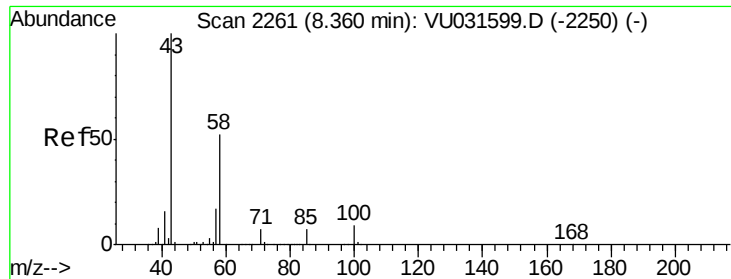
Tgt Ion: 75 Resp: 5551
Ion Ratio Lower Upper
75 100
77 46.0 22.1 41.1#



#46
Tetrachloroethene
Concen: 3.933 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

Tgt Ion: 164 Resp: 14606
Ion Ratio Lower Upper
164 100
129 109.1 71.5 132.9
131 106.0 69.0 128.2
166 126.8 93.7 173.9

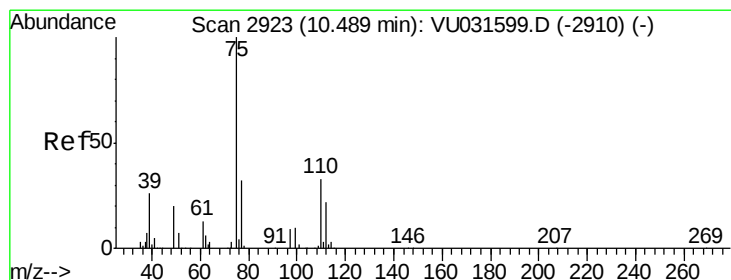
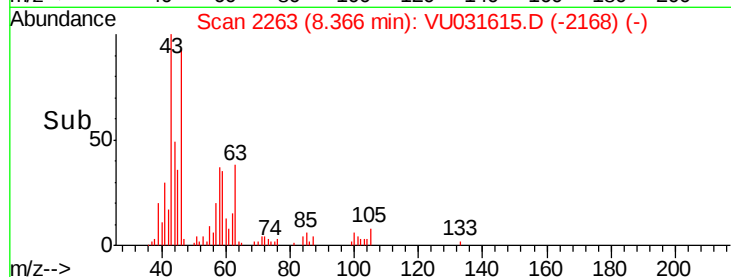
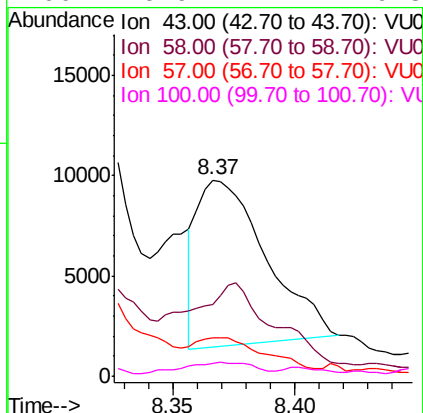
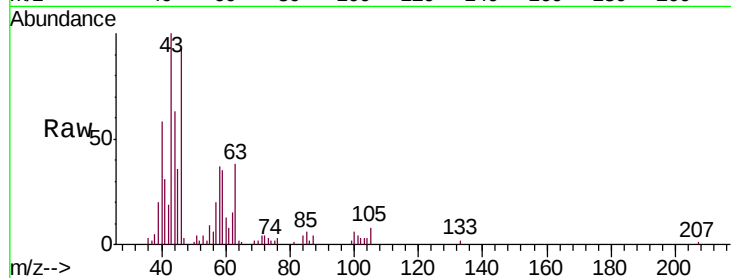




#48
2-Hexanone
Concen: 2.039 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB7

Tgt Ion: 43 Resp: 16186
Ion Ratio Lower Upper
43 100
58 11.4 42.1 63.1#
57 23.9 14.6 22.0#
100 6.9 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.269 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

Tgt Ion: 75 Resp: 32291
Ion Ratio Lower Upper
75 100
77 36.2 25.9 38.9

