

Data File : VU031747.D
Acq On : 03 May 2019 14:07
Operator : JC/SP
Sample : K2661-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B29

Quant Time: May 04 02:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	833808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	805635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	317976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	362421	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.68	69	284971	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	521681	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.08%
21) 2-Butanone-d5	4.19	46	662105	104.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.64	84	580456	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.31	65	396218	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.34	84	1215054	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.33	67	420554	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.64%
41) Toluene-d8	7.56	98	1033264	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.85	79	173941	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.31	63	412803	109.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	527322	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	324410	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

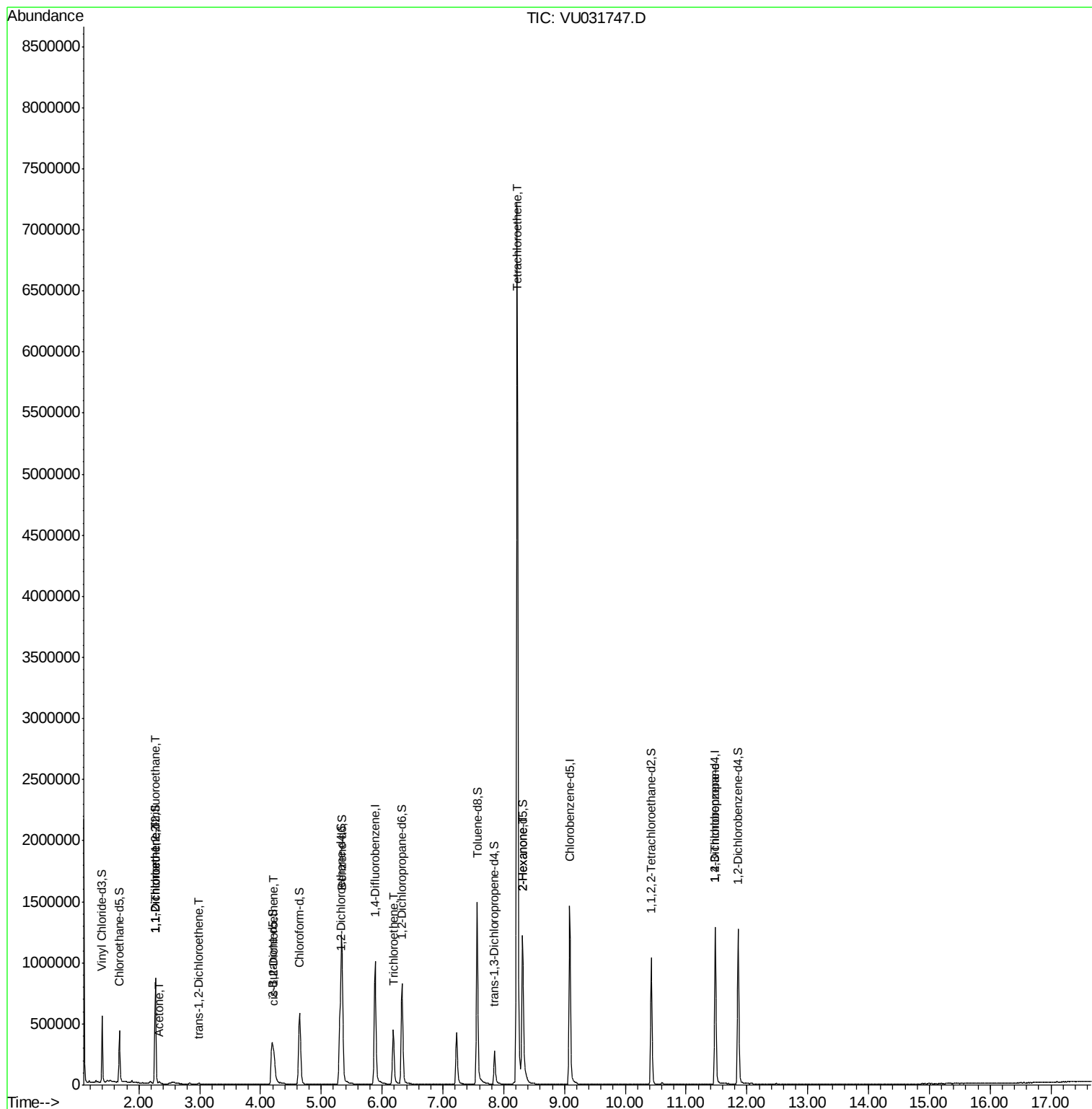
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4018	0.601	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	4762	0.732	ug/L #	1
13) Acetone	2.34	43	13188	1.852	ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	3030	0.447	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	71633	9.851	ug/L	95
34) Trichloroethene	6.18	95	165687	23.076	ug/L	97
46) Tetrachloroethene	8.22	164	1557435	318.179	ug/L	97
48) 2-Hexanone	8.31	43	50316	4.809	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	44891	4.503	ug/L	93

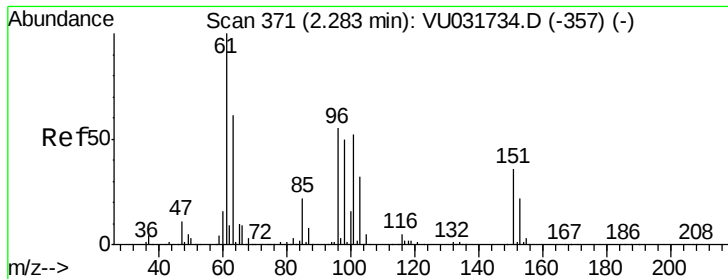
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.601 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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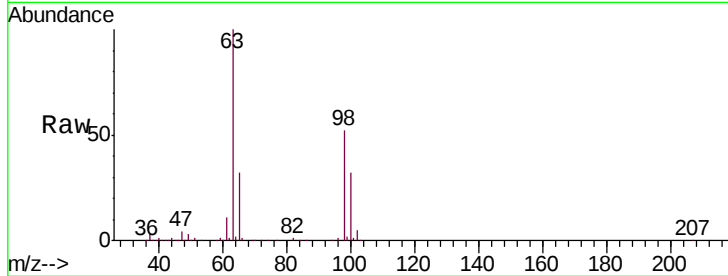
Tgt Ion:101 Resp: 4018

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

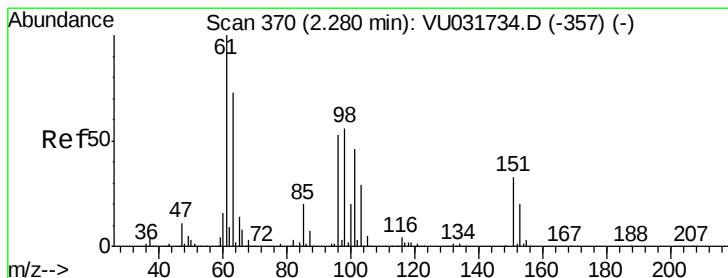
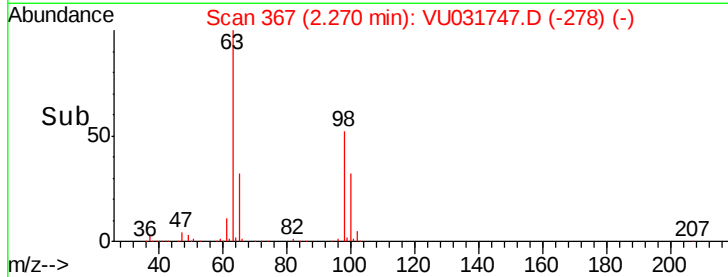
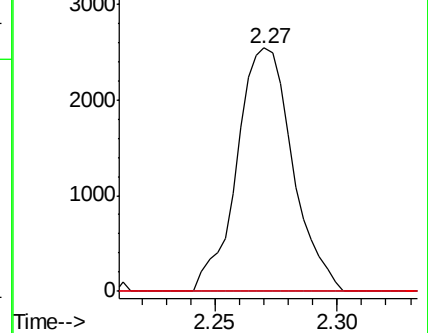
151 0.0 56.1 84.1#



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: 0.732 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031747.D

Acq: 03 May 2019 14:07

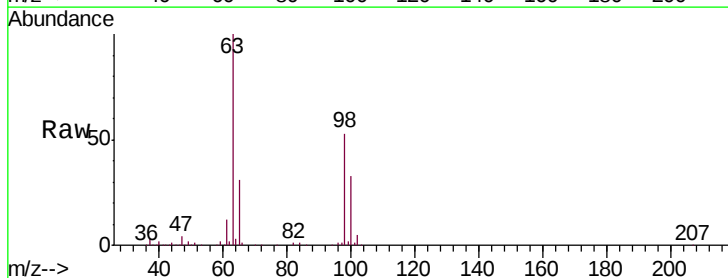
Tgt Ion: 96 Resp: 4762

Ion Ratio Lower Upper

96 100

61 1253.3 135.0 250.6#

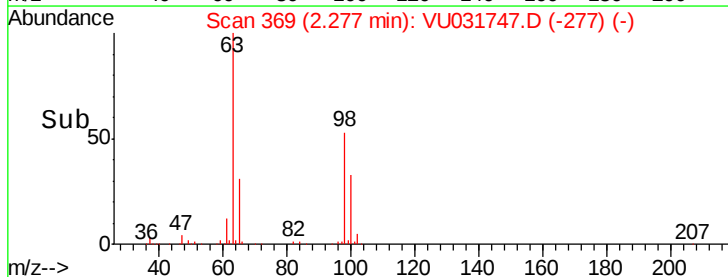
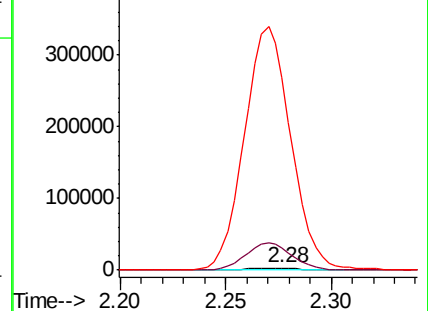
63 10848.1 103.5 192.3#

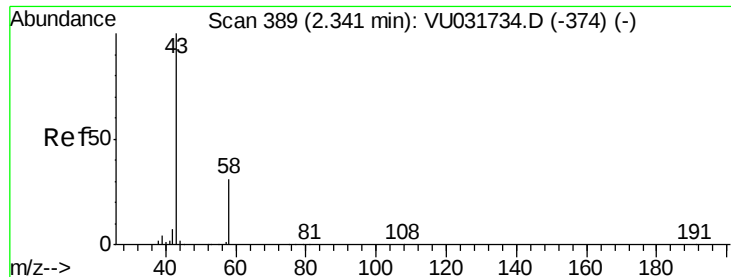


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.852 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

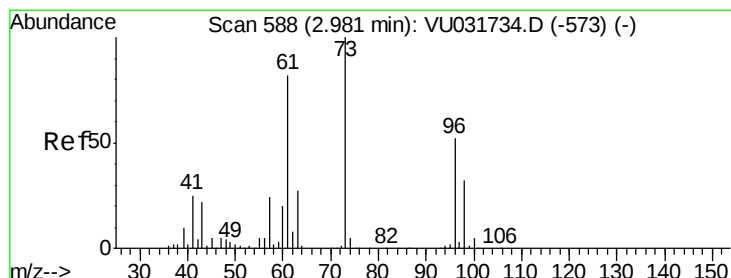
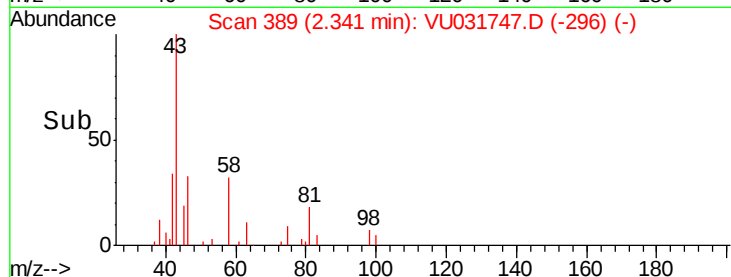
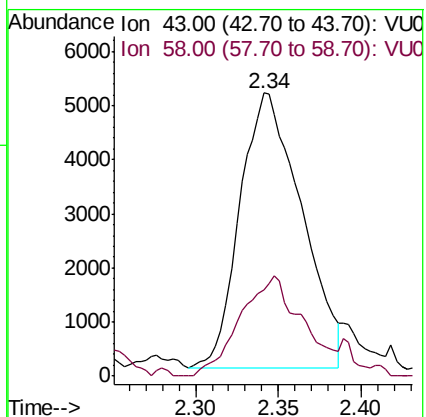
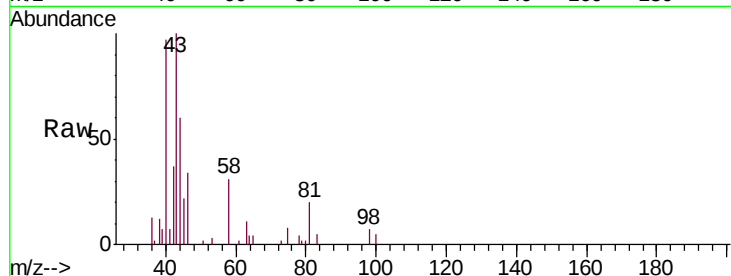
C0B29

Tgt Ion: 43 Resp: 13188

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.4



#17

trans-1,2-Dichloroethene

Concen: 0.447 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031747.D

Acq: 03 May 2019 14:07

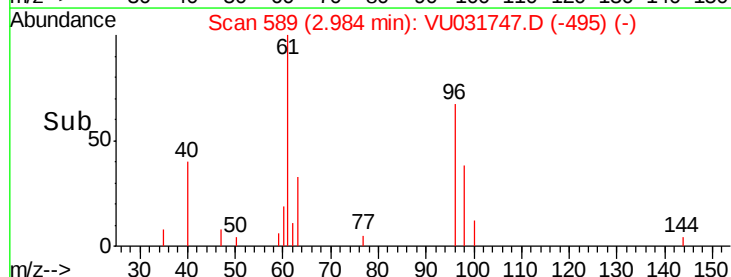
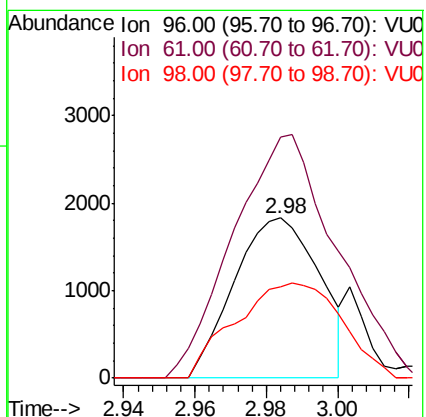
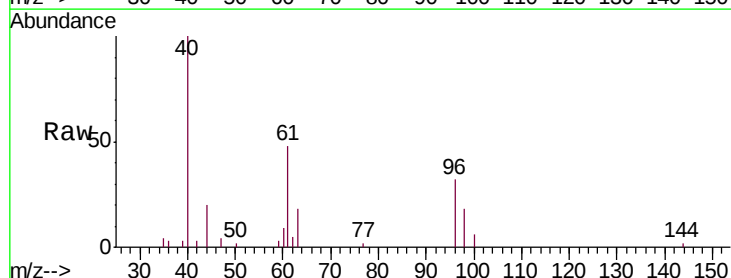
Tgt Ion: 96 Resp: 3030

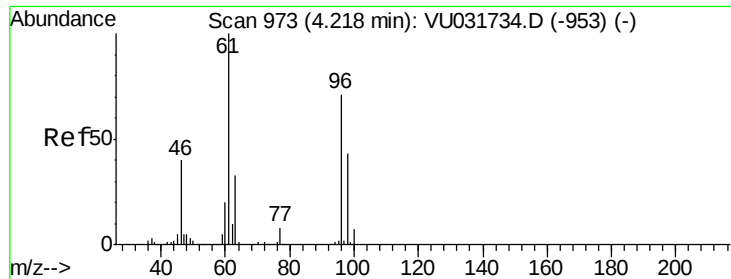
Ion Ratio Lower Upper

96 100

61 150.3 114.5 212.7

98 56.9 45.4 84.2

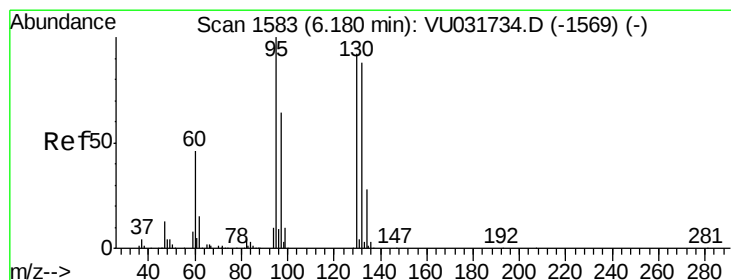
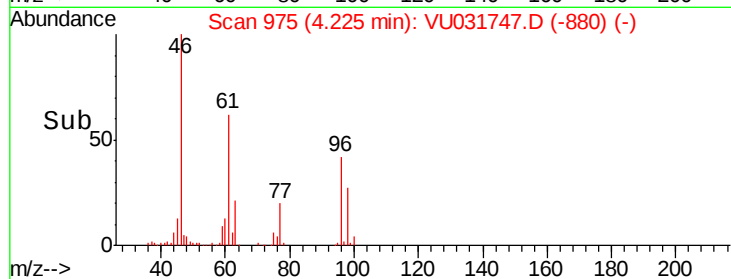
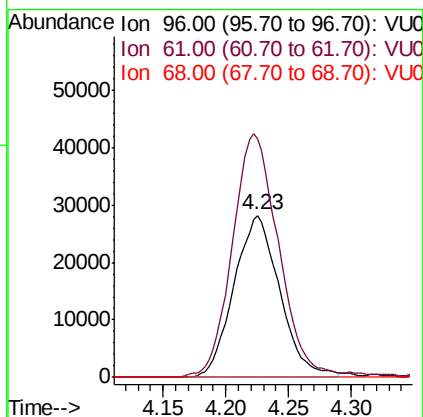
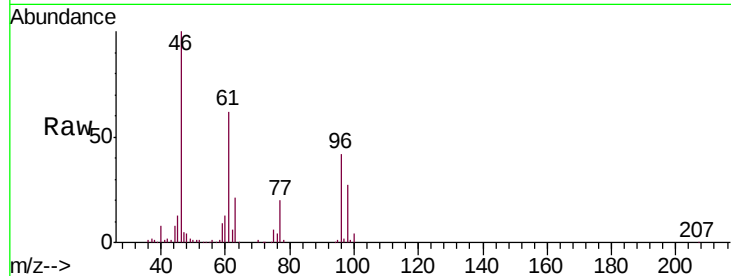




#20
 cis-1,2-Dichloroethene
 Concen: 9.851 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031747.D
 Acq: 03 May 2019 14:07

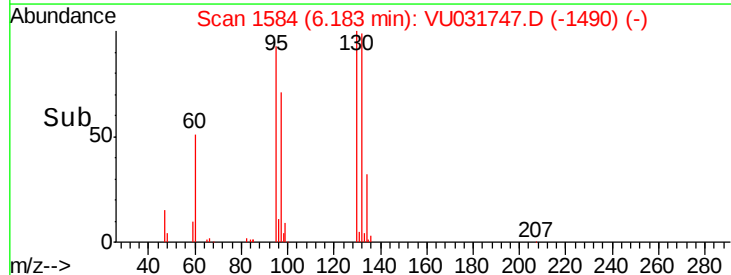
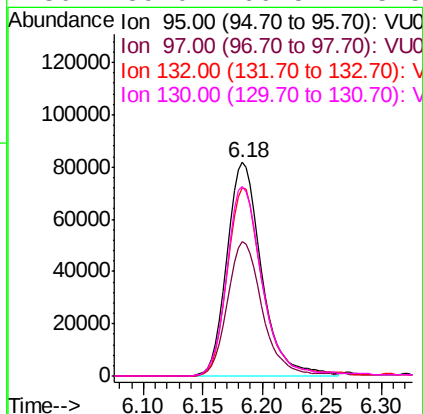
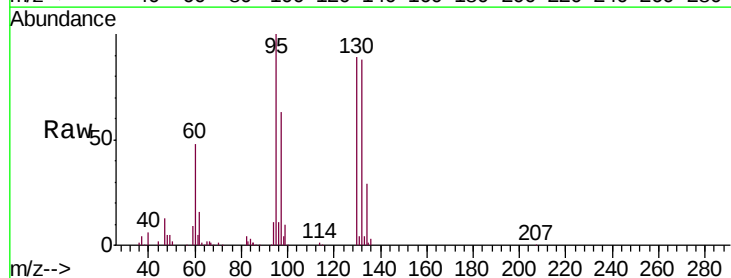
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 MSVOA_U
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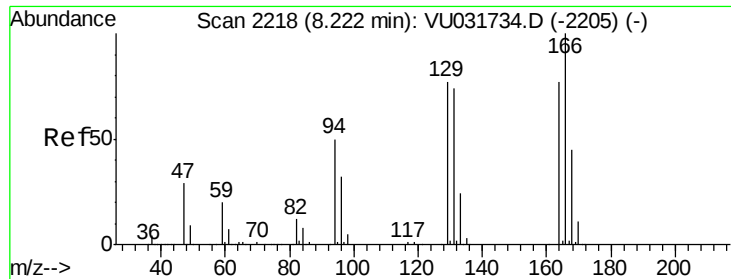
Tgt Ion: 96 Resp: 71633
 Ion Ratio Lower Upper
 96 100
 61 147.8 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 23.076 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031747.D
 Acq: 03 May 2019 14:07

Tgt Ion: 95 Resp: 165687
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.8 83.2
 132 88.3 63.1 117.1
 130 89.0 66.5 123.5

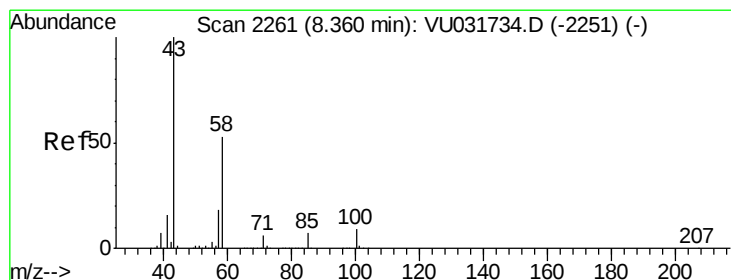
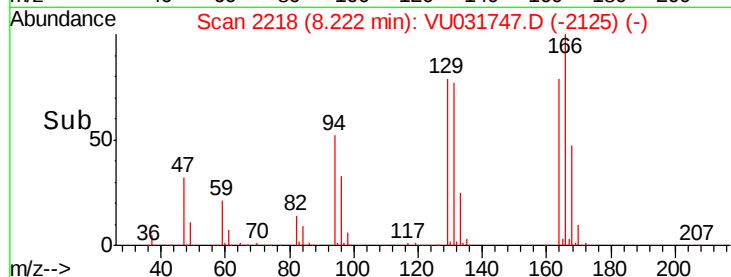
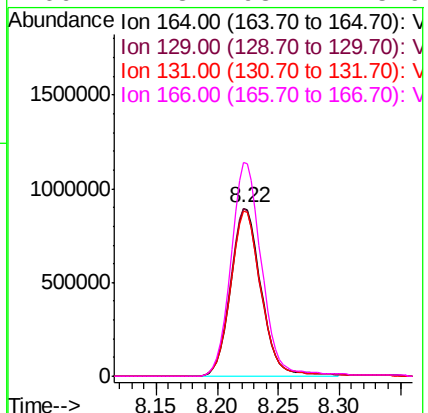
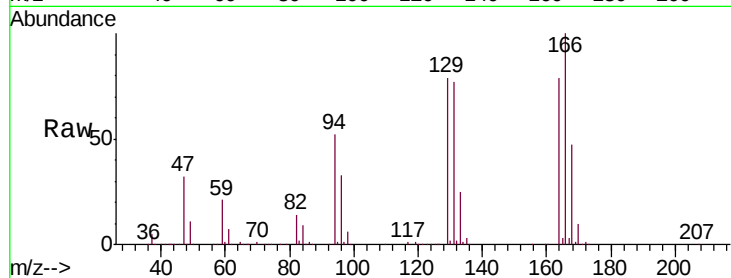




#46
Tetrachloroethene
Concen: 318.179 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031747.D
Acq: 03 May 2019 14:07

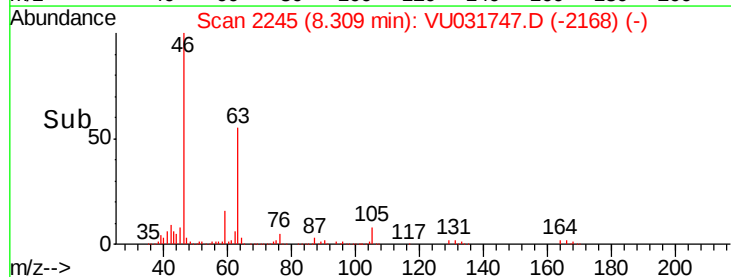
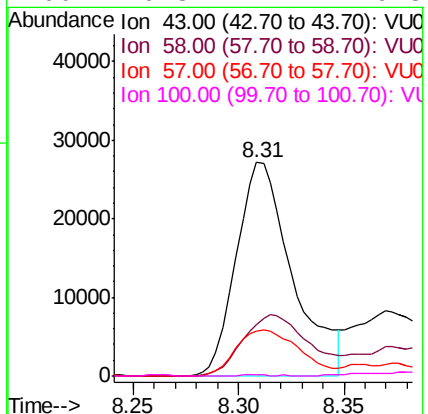
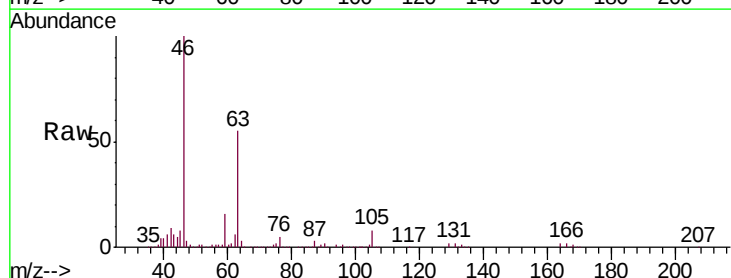
Instrument :
MSVOA_U
ClientSampleId :
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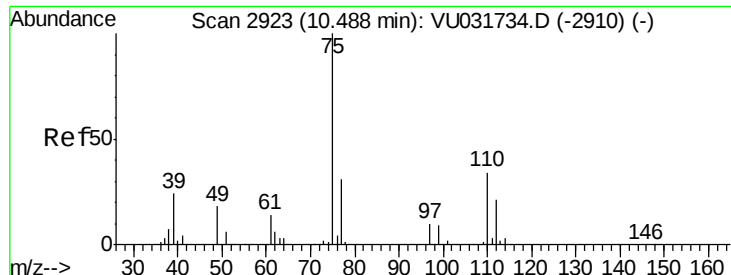
Tgt Ion:164 Resp: 1557435
Ion Ratio Lower Upper
164 100
129 100.3 71.5 132.9
131 98.3 69.0 128.2
166 127.3 93.7 173.9



#48
2-Hexanone
Concen: 4.809 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031747.D
Acq: 03 May 2019 14:07

Tgt Ion: 43 Resp: 50316
Ion Ratio Lower Upper
43 100
58 34.5 42.1 63.1#
57 24.6 14.6 22.0#
100 0.3 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.503 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031747.D

Acq: 03 May 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

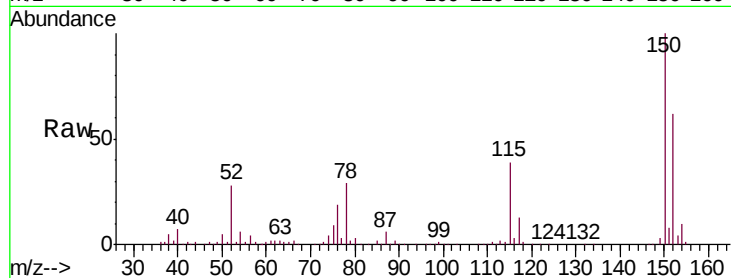
C0B29

Tgt Ion: 75 Resp: 44891

Ion Ratio Lower Upper

75 100

77 36.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

