

Data File : VU033005.D
Acq On : 24 Jun 2019 14:21
Operator : JC/SP
Sample : K3478-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF29

Quant Time: Jun 25 05:27:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196912	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65872	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.90%
7) Chloroethane-d5	1.68	69	56634	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.54%
11) 1,1-Dichloroethene-d2	2.27	63	103805	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	4.17	46	120694	107.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.75%
24) Chloroform-d	4.64	84	132820	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
26) 1,2-Dichloroethane-d4	5.30	65	94481	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.44%
32) Benzene-d6	5.33	84	261851	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.32	67	84332	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.56	98	235745	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.85	79	40081	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.31	63	72678	96.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121261	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	92236	51.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.36%

Target Compounds

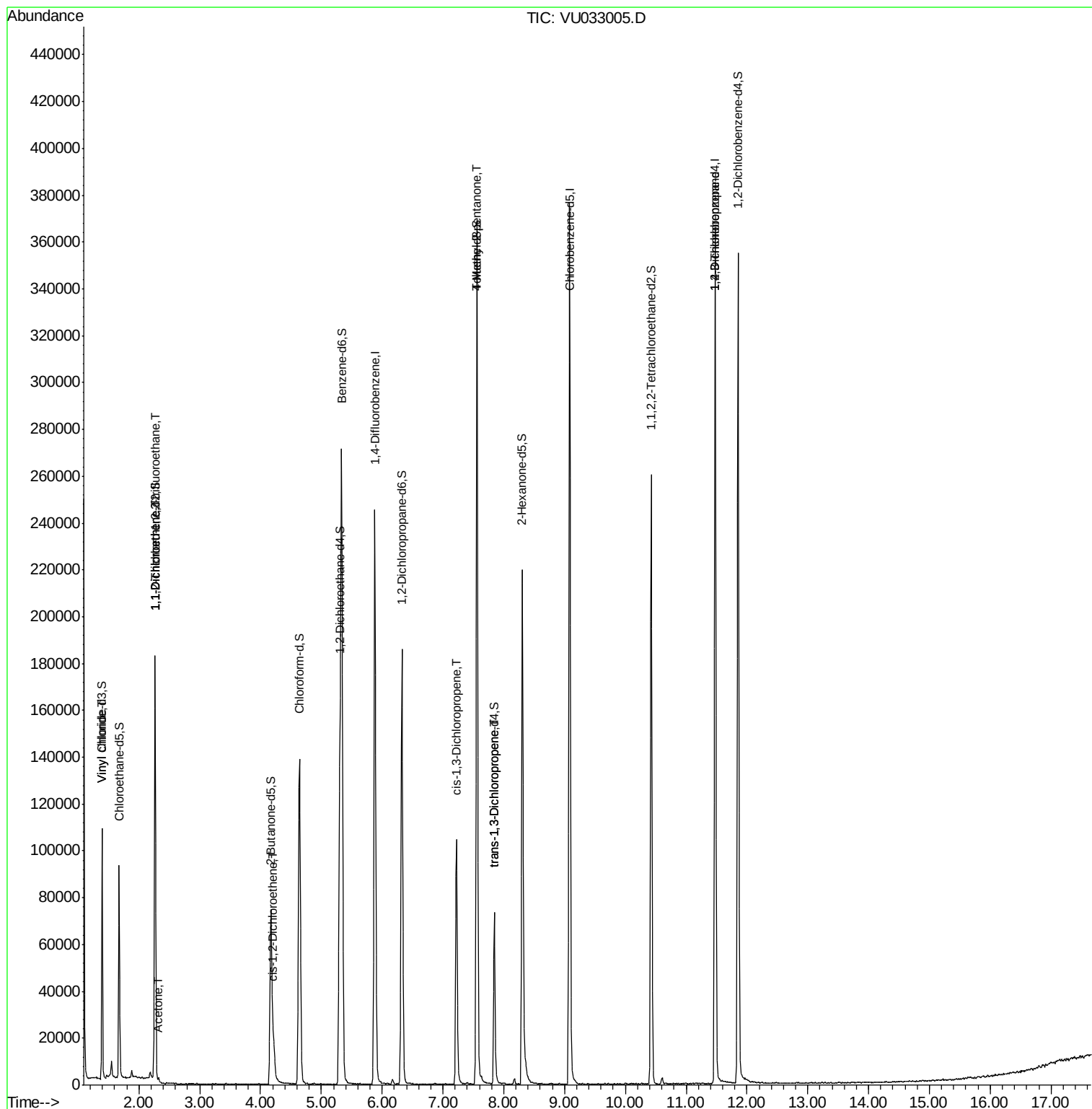
					Qvalue
5) Vinyl chloride	1.40	62	1150	0.643 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	960	0.730 ug/L #	17
12) 1,1-Dichloroethene	2.26	96	714	0.576 ug/L #	1
13) Acetone	2.32	43	751	0.485 ug/L	55
20) cis-1,2-Dichloroethene	4.22	96	2174	1.484 ug/L	87
39) cis-1,3-Dichloropropene	7.22	75	2982	1.242 ug/L #	64
40) 4-Methyl-2-pentanone	7.56	43	1164	0.473 ug/L #	1
44) trans-1,3-Dichloropropene	7.84	75	2225	0.987 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	12117	5.892 ug/L	90

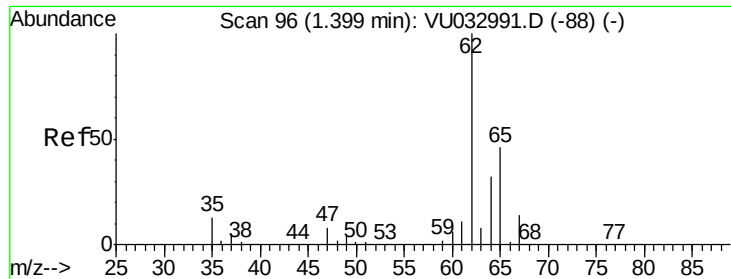
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.643 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033005.D

Acq: 24 Jun 2019 14:21

Instrument :

MSVOA_U

ClientSampled :

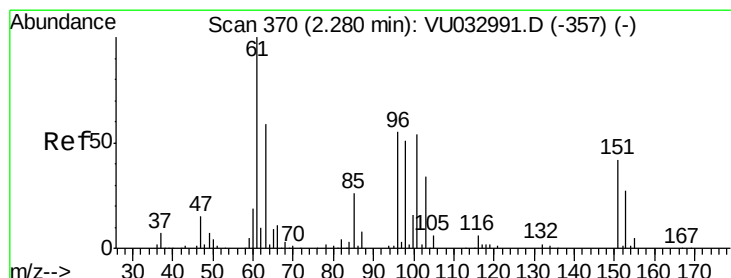
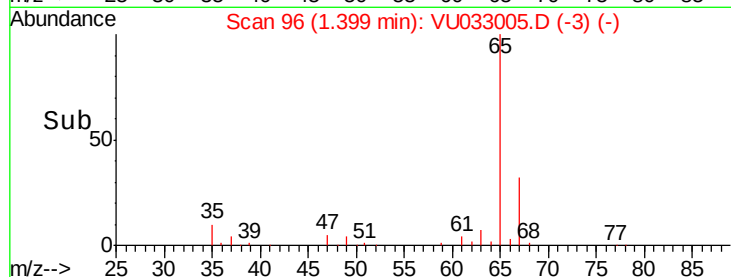
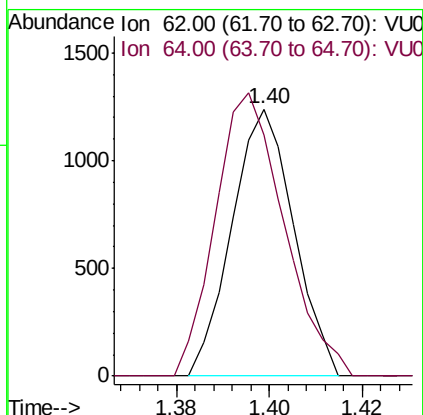
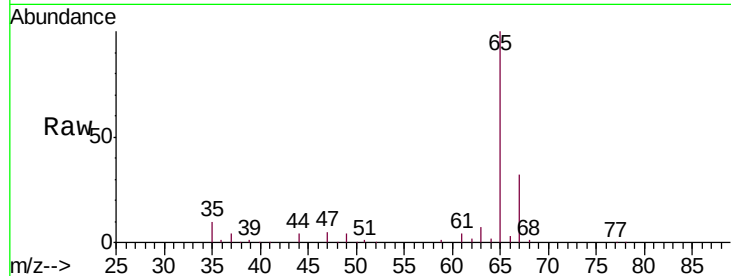
ETF29

Tgt Ion: 62 Resp: 1150

Ion Ratio Lower Upper

62 100

64 90.2 23.0 42.6#



#10

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

Concen: 0.730 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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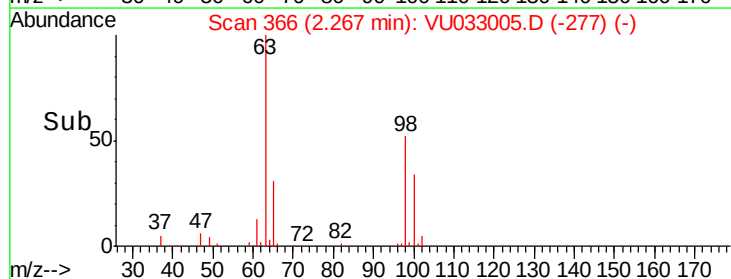
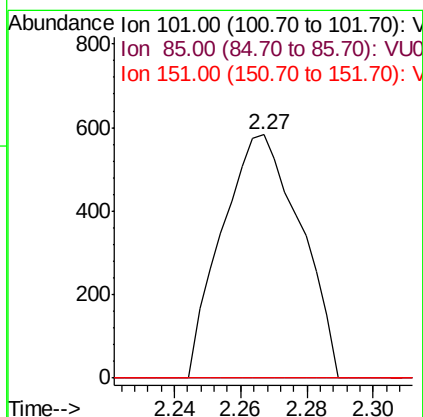
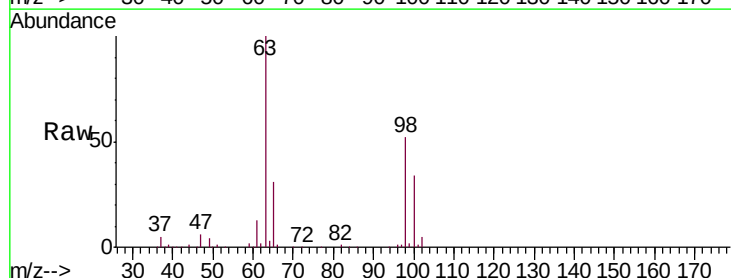
Tgt Ion: 101 Resp: 960

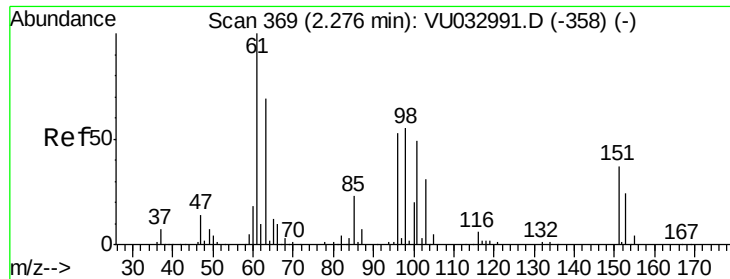
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#

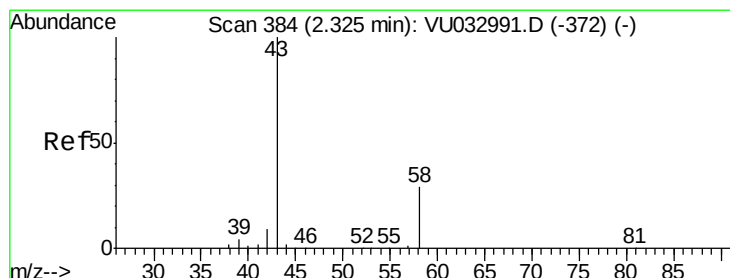
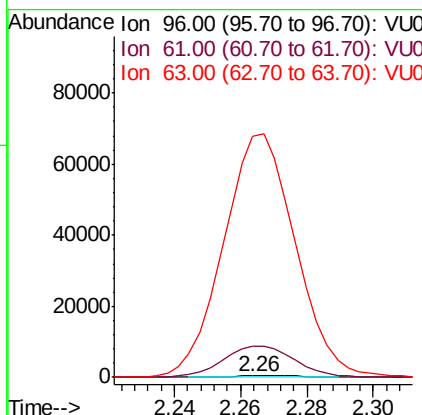
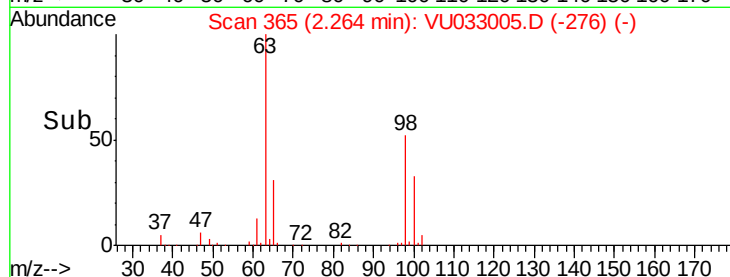
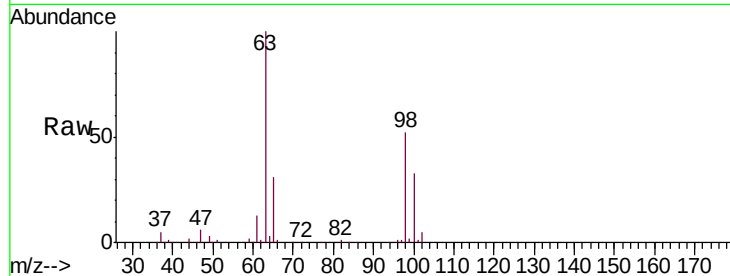




#12
 1,1-Dichloroethene
 Concen: 0.576 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU033005.D
 Acq: 24 Jun 2019 14:21

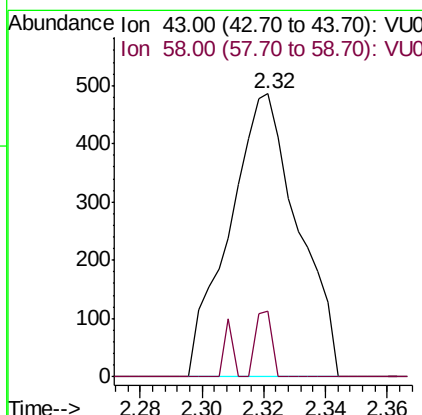
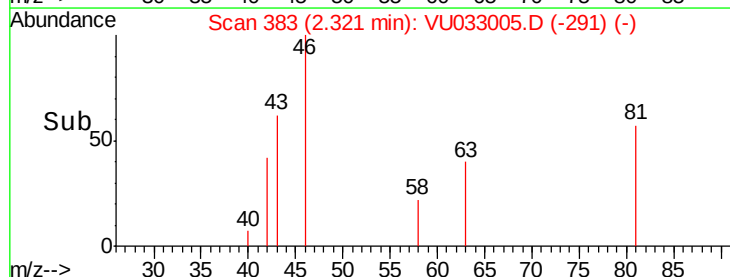
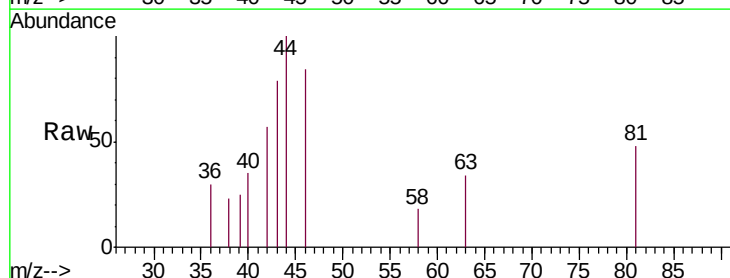
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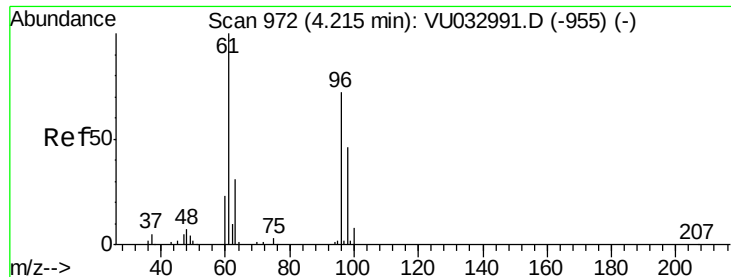
Tgt Ion: 96 Resp: 714
 Ion Ratio Lower Upper
 96 100
 61 1915.7 131.0 243.4#
 63 14993.4 101.0 187.6#



#13
 Acetone
 Concen: 0.485 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VU033005.D
 Acq: 24 Jun 2019 14:21

Tgt Ion: 43 Resp: 751
 Ion Ratio Lower Upper
 43 100
 58 5.7 0.0 60.6

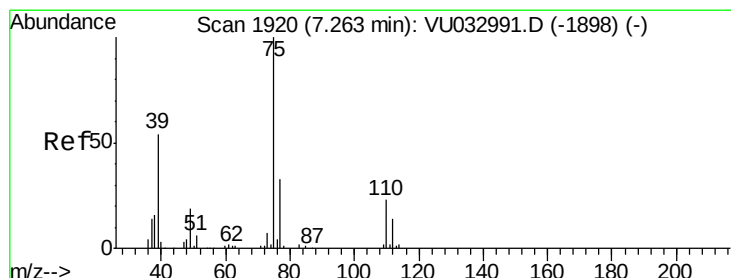
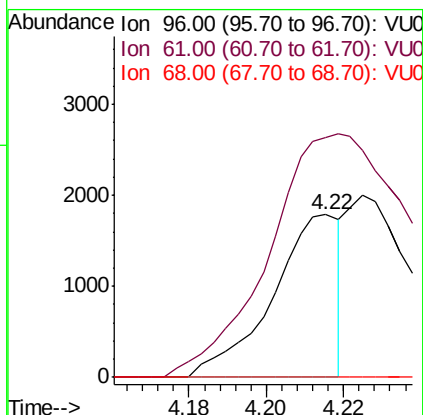
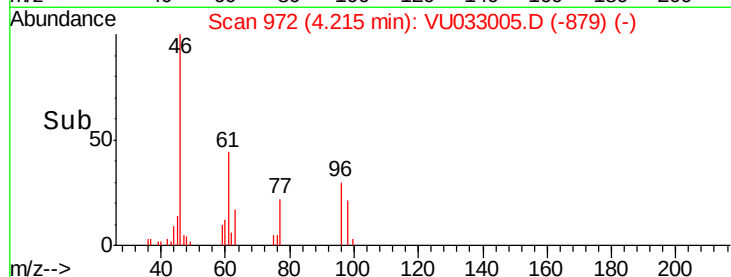
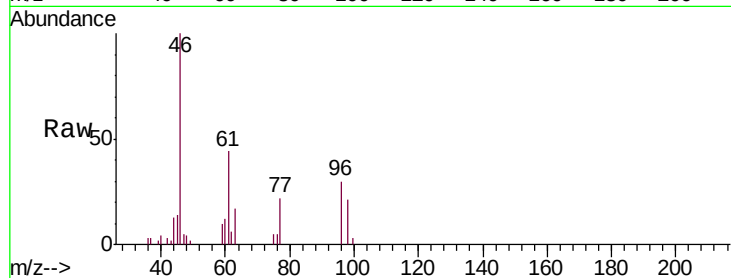




#20
 cis-1,2-Dichloroethene
 Concen: 1.484 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VU033005.D
 Acq: 24 Jun 2019 14:21

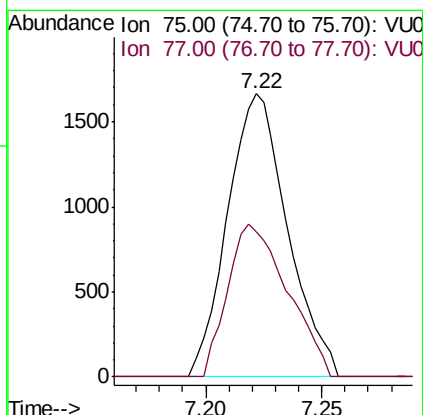
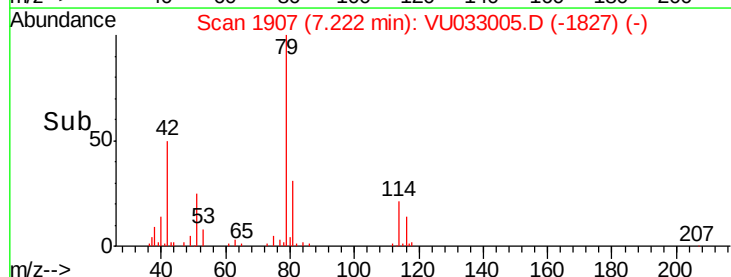
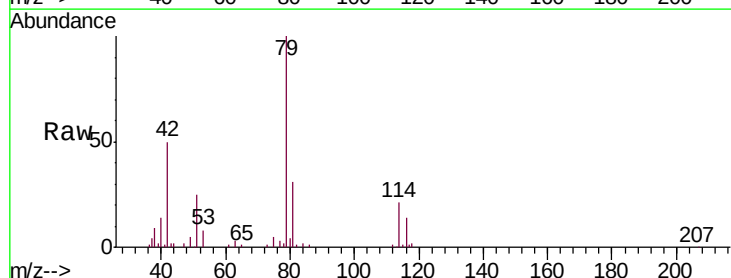
Instrument :
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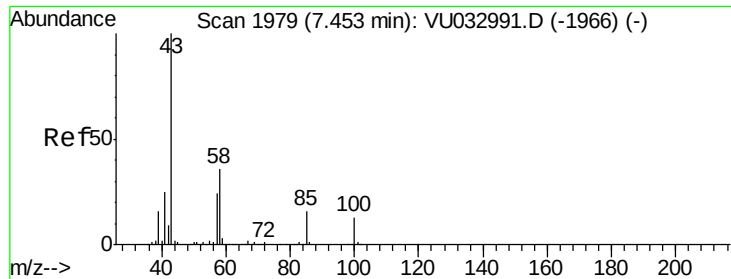
Tgt Ion: 96 Resp: 2174
 Ion Ratio Lower Upper
 96 100
 61 147.6 92.4 171.6
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.242 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033005.D
 Acq: 24 Jun 2019 14:21

Tgt Ion: 75 Resp: 2982
 Ion Ratio Lower Upper
 75 100
 77 51.4 21.9 40.7#

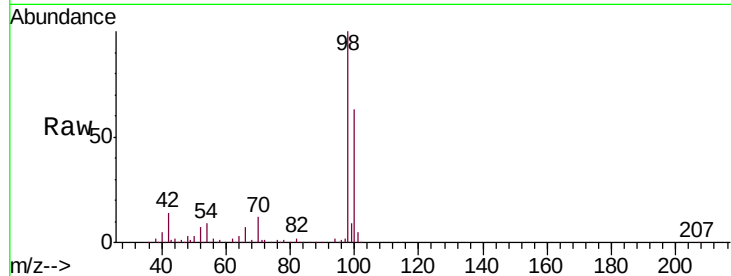




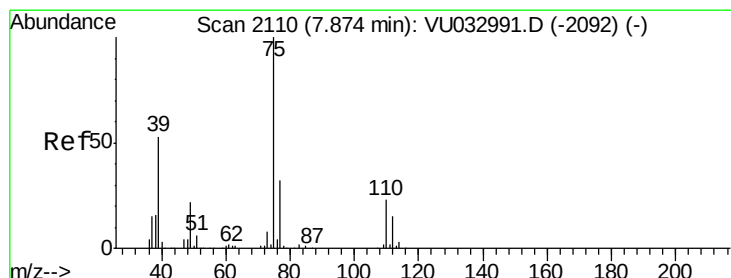
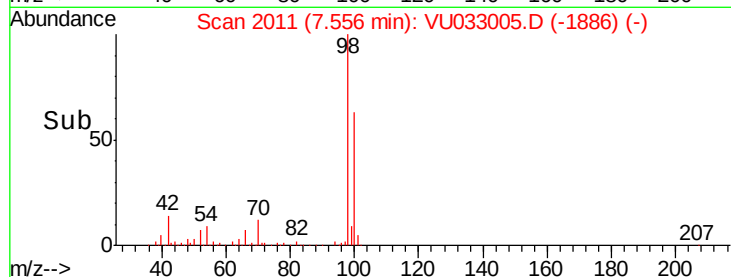
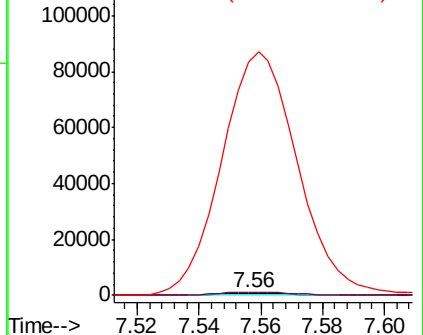
#40
4-Methyl-2-pentanone
Concen: 0.473 ug/L
RT: 7.56 min Scan# 2011
Delta R.T. 0.10 min
Lab File: VU033005.D
Acq: 24 Jun 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
ETF29

Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 170.3 29.4 44.2#
100 12947.9 11.2 16.8#

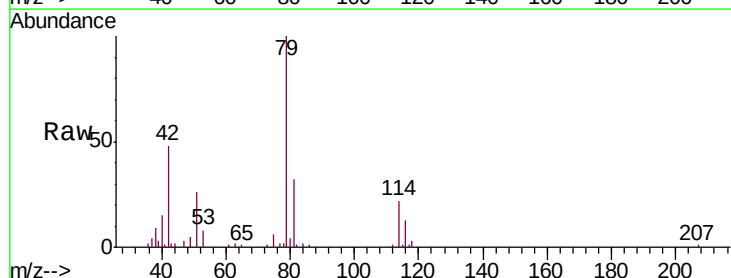


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

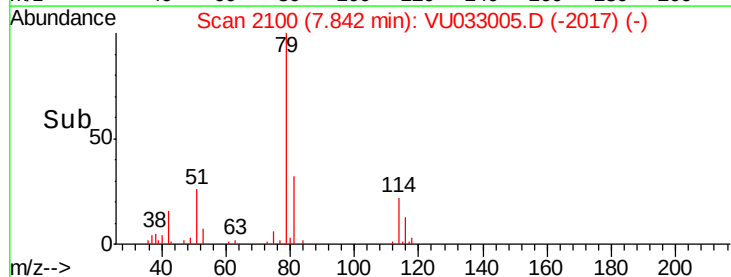
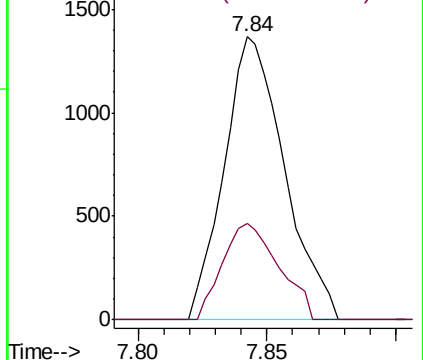


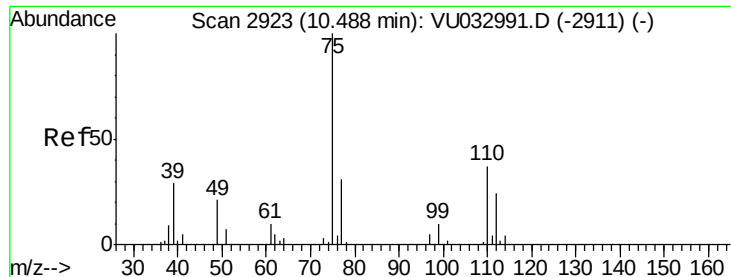
#44
trans-1,3-Dichloropropene
Concen: 0.987 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU033005.D
Acq: 24 Jun 2019 14:21

Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
77 34.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#59
 1,2,3-Trichloropropane
 Concen: 5.892 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033005.D
 Acq: 24 Jun 2019 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF29

Tgt Ion: 75 Resp: 12117
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.5 38.3

