

Data File : VU029638.D
Acq On : 22 Feb 2019 22:25
Operator : JC/SP
Sample : K1581-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB620

Quant Time: Feb 22 23:13:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128952	37.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.40%
7) Chloroethane-d5	1.68	69	121650	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.27	63	198274	29.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.30%#
21) 2-Butanone-d5	4.17	46	221006	106.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	4.65	84	259240	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.31	65	171408	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.34	84	539290	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
36) 1,2-Dichloropropane-d6	6.33	67	172166	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.90%
41) Toluene-d8	7.56	98	496205	43.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.58%
43) trans-1,3-Dichloropropene-	7.85	79	77730	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.72%
47) 2-Hexanone-d5	8.31	63	187411	99.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	268522	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	216014	45.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.14%

Target Compounds

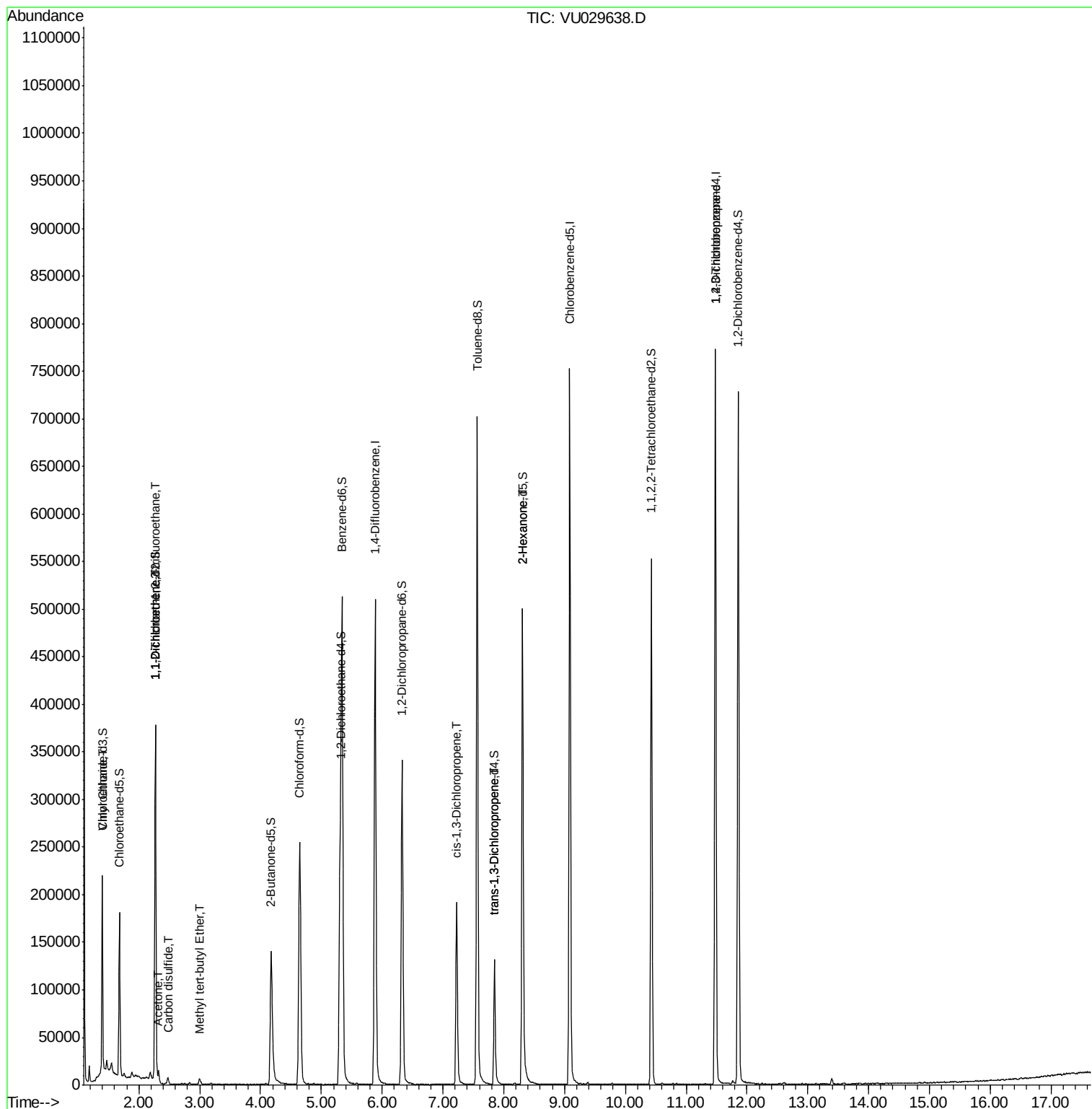
					Qvalue
8) Chloroethane	1.40	64	1809	0.713 ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1996	0.614 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1757	0.568 ug/L #	1
13) Acetone	2.32	43	11465	5.154 ug/L	91
14) Carbon disulfide	2.48	76	8990	1.110 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	5416	0.613 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4597	0.948 ug/L #	61
44) trans-1,3-Dichloropropene	7.84	75	3103	0.679 ug/L	91
48) 2-Hexanone	8.31	43	19813	5.369 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	22027	5.142 ug/L	94

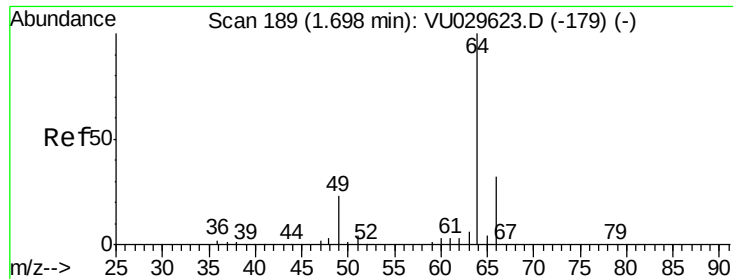
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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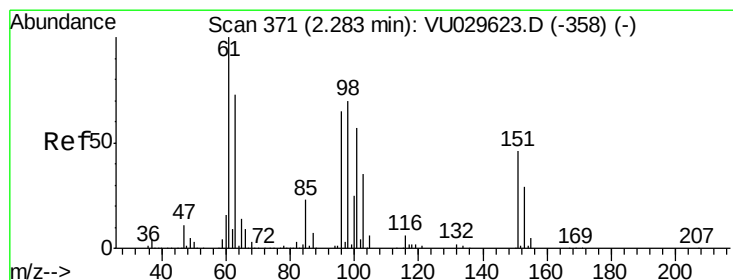
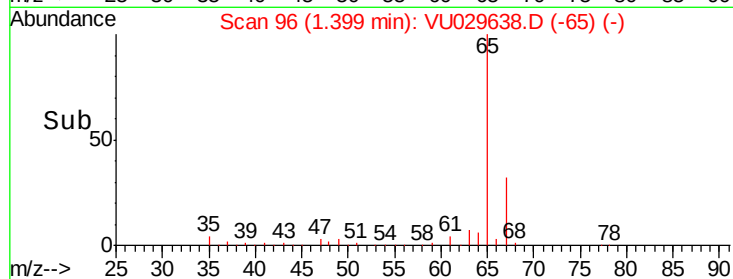
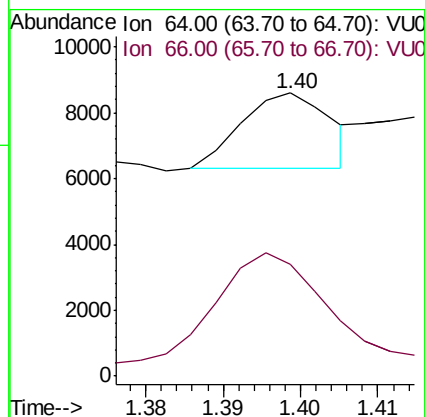
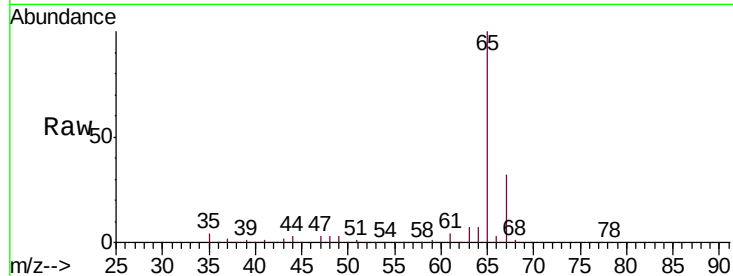




#8
 Chloroethane
 Concen: 0.713 ug/L
 RT: 1.40 min Scan# 96
 Delta R.T. -0.30 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

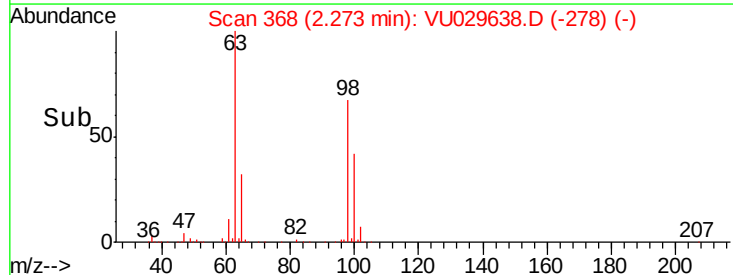
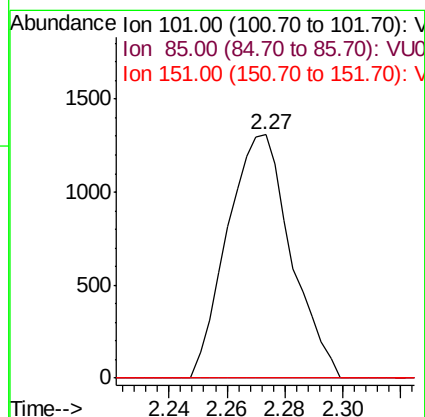
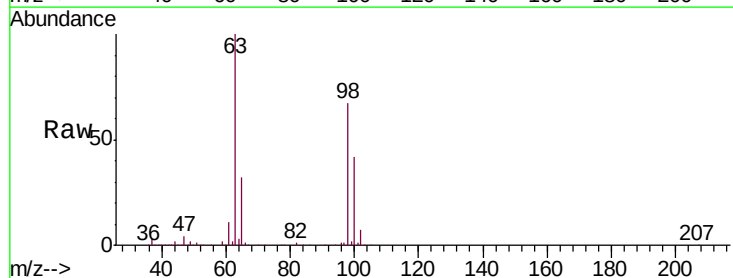
Instrument :
 MSVOA_U
 ClientSampleId :
 DB620

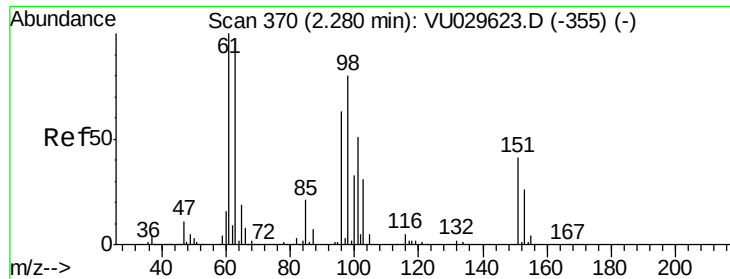
Tgt Ion: 64 Resp: 1809
 Ion Ratio Lower Upper
 64 100
 66 39.7 22.0 41.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.614 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

Tgt Ion: 101 Resp: 1996
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.0 49.6#
 151 0.0 65.7 98.5#





#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029638.D

Acq: 22 Feb 2019 22:25

Instrument :

MSVOA_U

ClientSampleId :

DB620

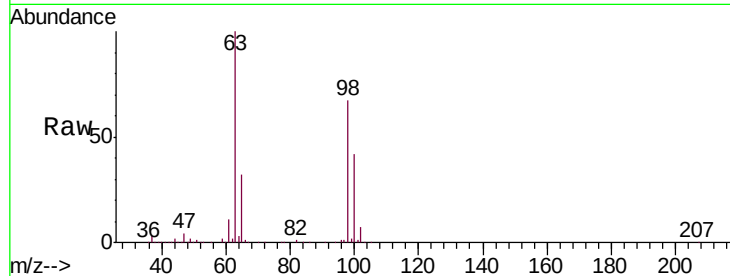
Tgt Ion: 96 Resp: 1757

Ion Ratio Lower Upper

96 100

61 1248.5 114.0 211.8#

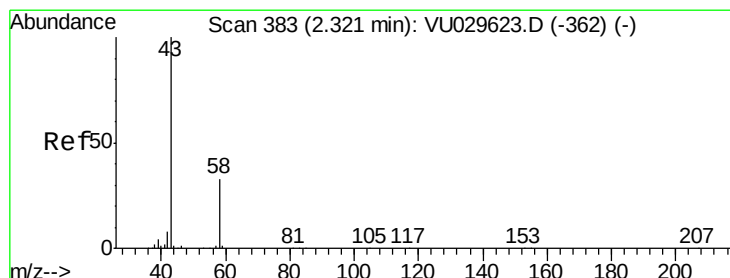
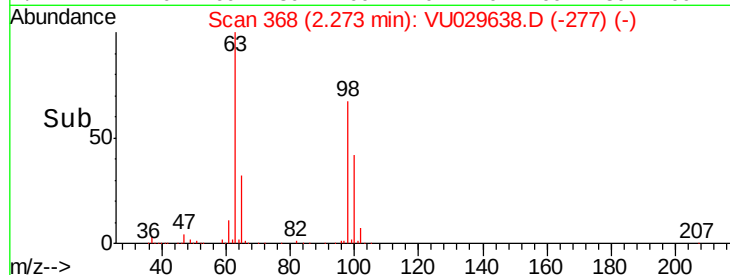
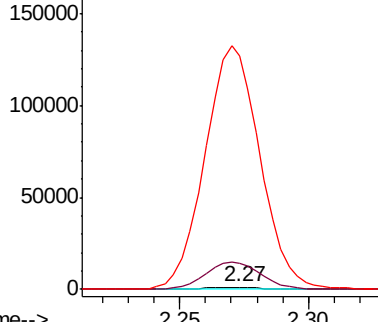
63 11109.5 98.7 183.3#



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: 5.154 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029638.D

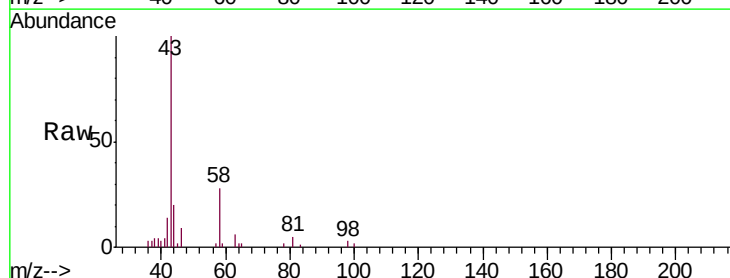
Acq: 22 Feb 2019 22:25

Tgt Ion: 43 Resp: 11465

Ion Ratio Lower Upper

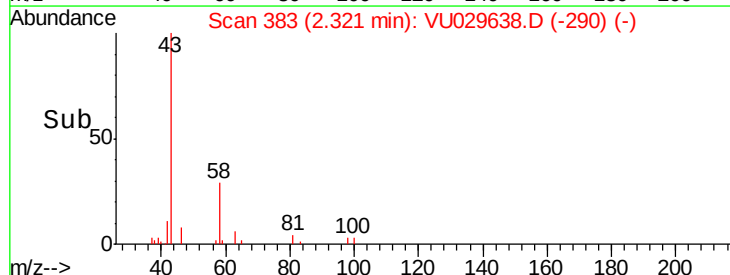
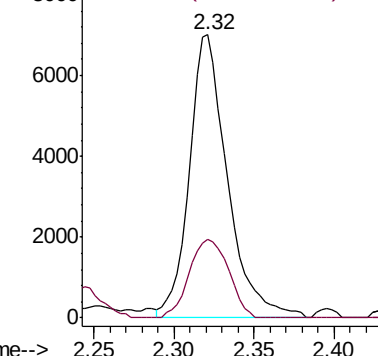
43 100

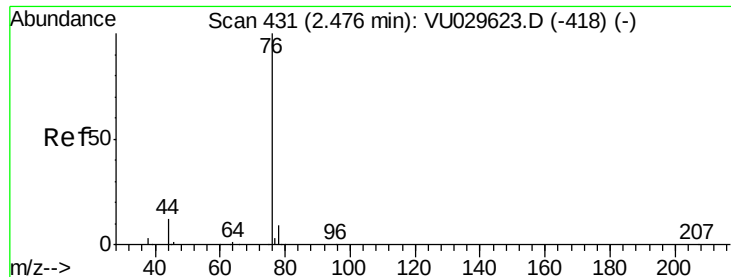
58 28.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#14

Carbon disulfide

Concen: 1.110 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029638.D

Acq: 22 Feb 2019 22:25

Instrument :

MSVOA_U

ClientSampleId :

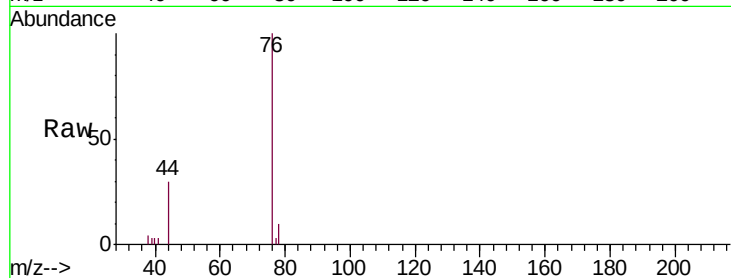
DB620

Tgt Ion: 76 Resp: 8990

Ion Ratio Lower Upper

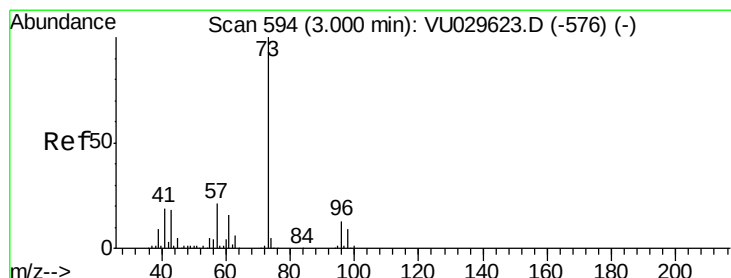
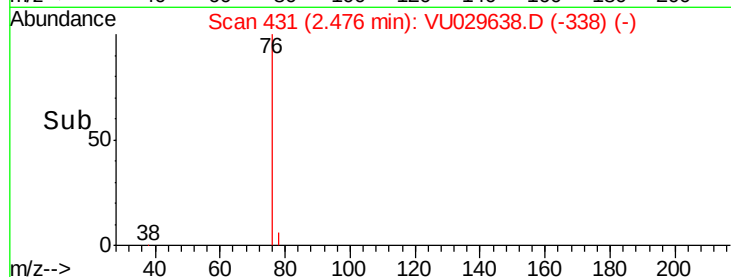
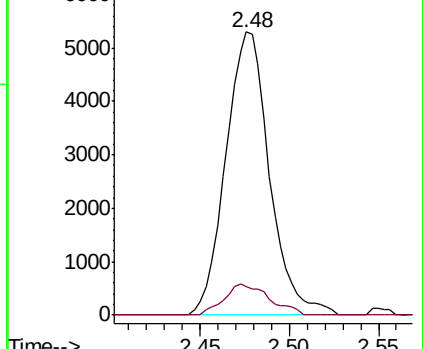
76 100

78 10.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#18

Methyl tert-butyl Ether

Concen: 0.613 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU029638.D

Acq: 22 Feb 2019 22:25

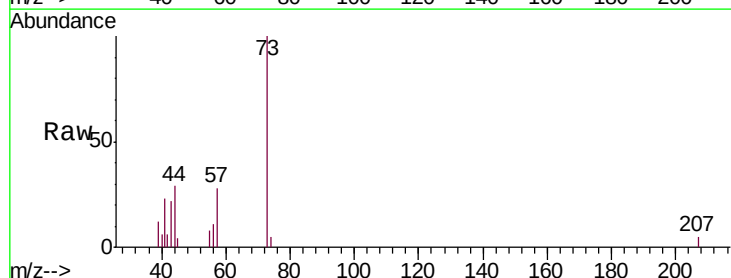
Tgt Ion: 73 Resp: 5416

Ion Ratio Lower Upper

73 100

43 15.7 14.8 22.2

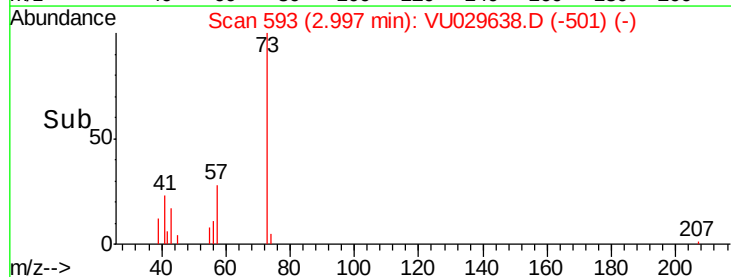
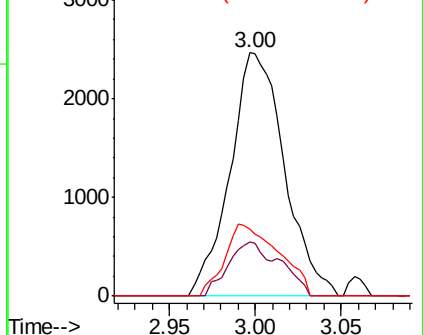
57 29.2 16.5 24.7#

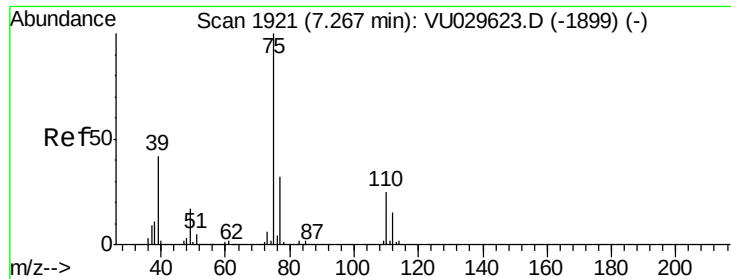


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

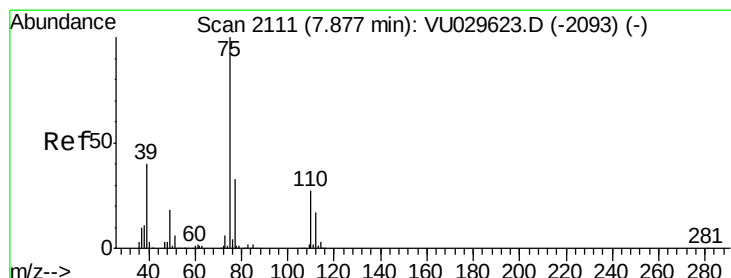
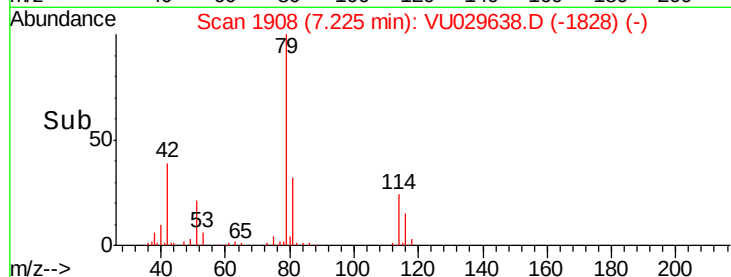
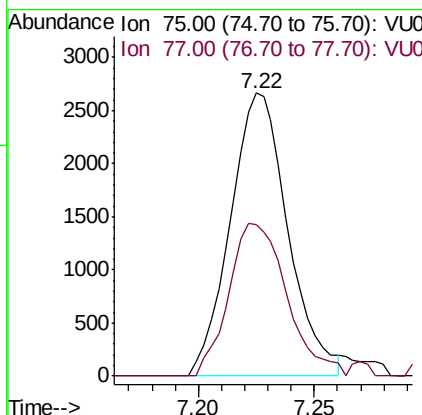
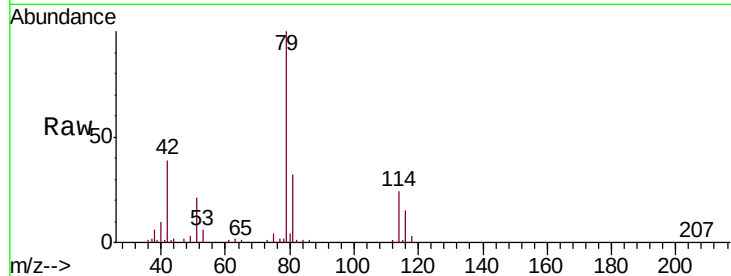




#39
 cis-1,3-Dichloropropene
 Concen: 0.948 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

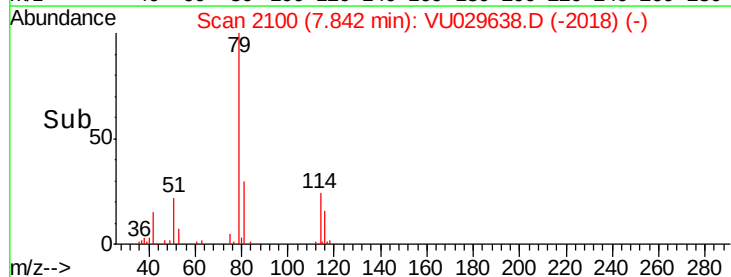
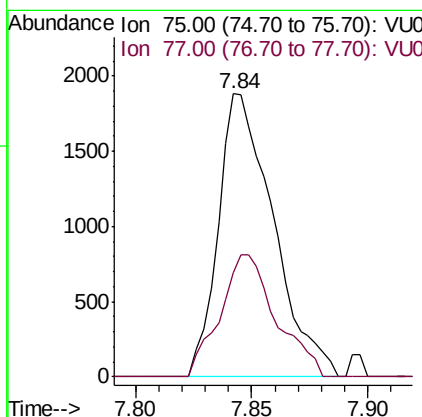
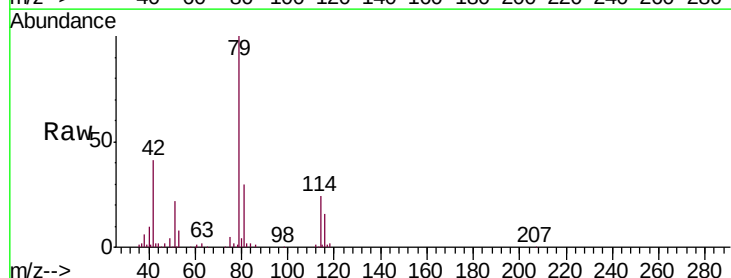
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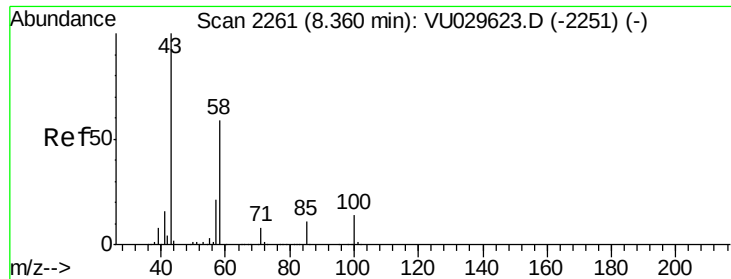
Tgt Ion: 75 Resp: 4597
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.679 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.04 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

Tgt Ion: 75 Resp: 3103
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.1 41.1

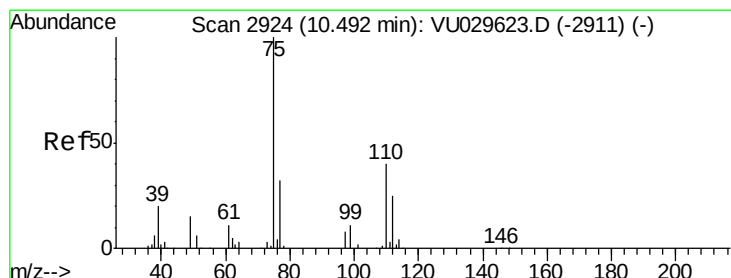
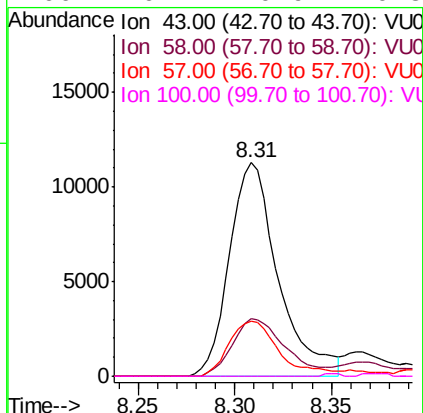
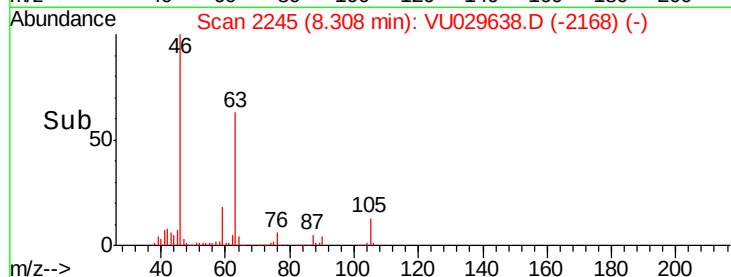
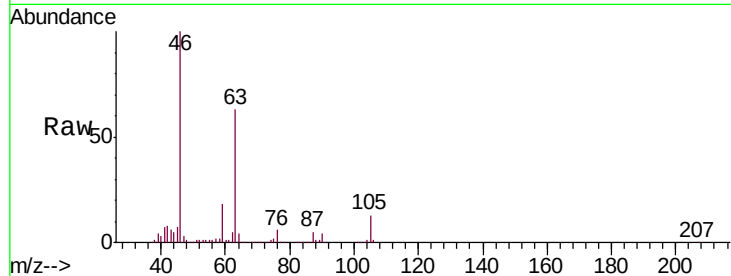




#48
 2-Hexanone
 Concen: 5.369 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 DB620

Tgt Ion: 43 Resp: 19813
 Ion Ratio Lower Upper
 43 100
 58 28.9 46.4 69.6#
 57 26.5 15.7 23.5#
 100 0.4 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.142 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029638.D
 Acq: 22 Feb 2019 22:25

Tgt Ion: 75 Resp: 22027
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.7 38.5

