

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033721.D
 Acq On : 10 Aug 2019 11:13
 Operator : JC/SP
 Sample : K4289-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B10DLRE

Quant Time: Aug 11 04:27:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	329046	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	322578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161778	66.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	133.58%
7) Chloroethane-d5	1.67	69	153628	63.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	126.56%
11) 1,1-Dichloroethene-d2	2.26	63	213389	52.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.78%
21) 2-Butanone-d5	4.15	46	250383	166.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	166.74%#
24) Chloroform-d	4.62	84	258337	71.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.58%#
26) 1,2-Dichloroethane-d4	5.29	65	170325	75.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	151.38%#
32) Benzene-d6	5.32	84	542211	71.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.44%#
36) 1,2-Dichloropropane-d6	6.31	67	174609	74.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	149.48%#
41) Toluene-d8	7.55	98	485602	67.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.64%#
43) trans-1,3-Dichloropropene-	7.83	79	83935	71.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	142.30%#
47) 2-Hexanone-d5	8.30	63	187329	154.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.81%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	252969	73.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	146.40%#
64) 1,2-Dichlorobenzene-d4	11.84	152	194104	73.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	146.18%#

Target Compounds

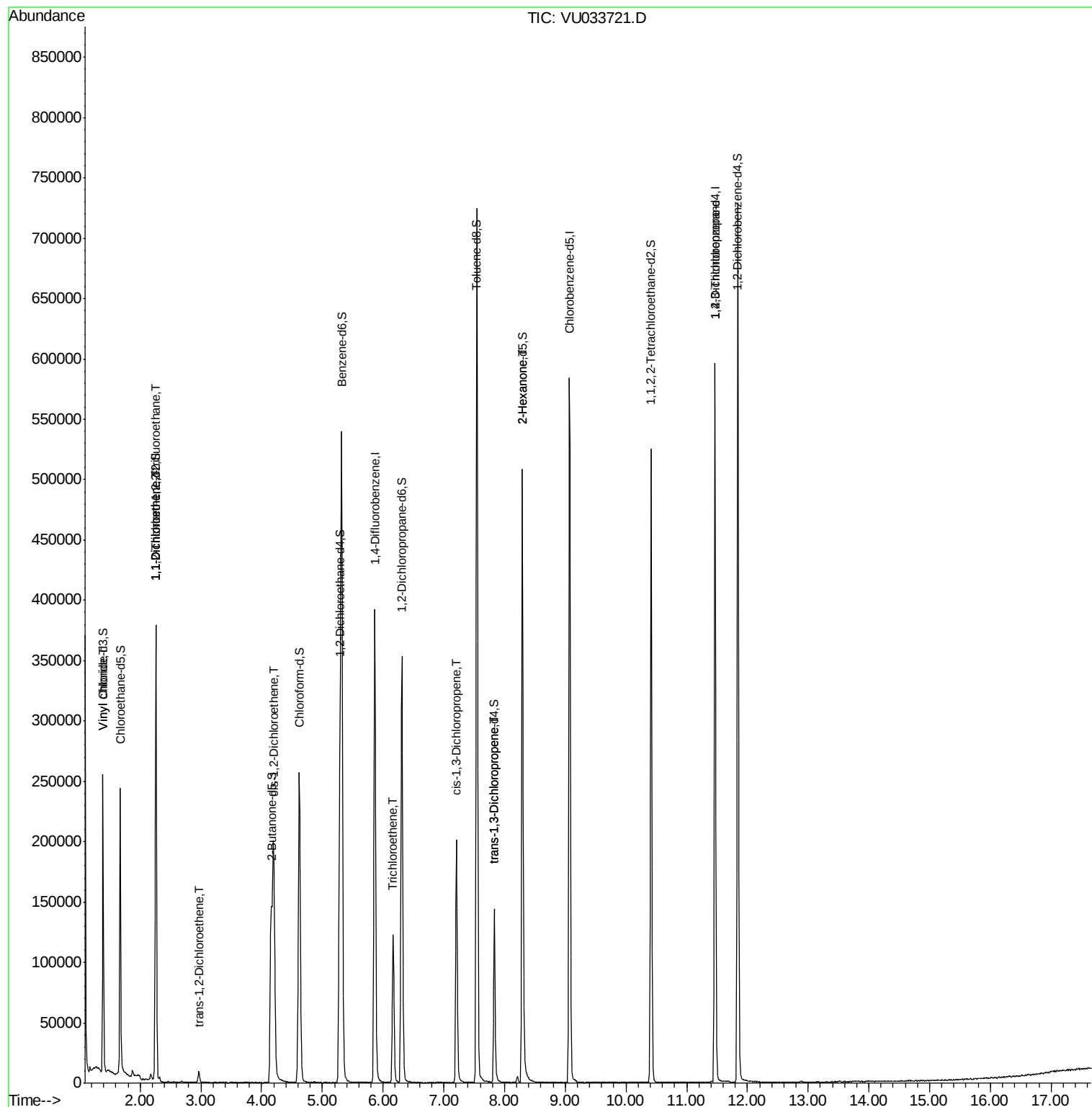
					Qvalue
5) Vinyl chloride	1.40	62	3143	1.135 ug/L #	9
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1967	0.999 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	2559	1.323 ug/L #	1
17) trans-1,2-Dichloroethene	2.97	96	4171	2.011 ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	99928	42.245 ug/L	97
34) Trichloroethene	6.17	95	42776	18.059 ug/L	95
39) cis-1,3-Dichloropropene	7.21	75	5037	1.323 ug/L #	61
44) trans-1,3-Dichloropropene	7.83	75	3773	1.112 ug/L	98
48) 2-Hexanone	8.29	43	20345	7.252 ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	18807	5.807 ug/L	94

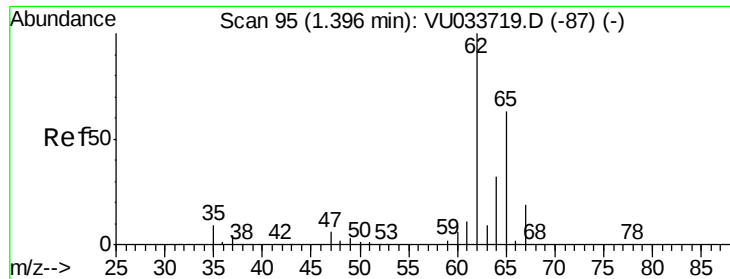
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.135 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033721.D

Acq: 10 Aug 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

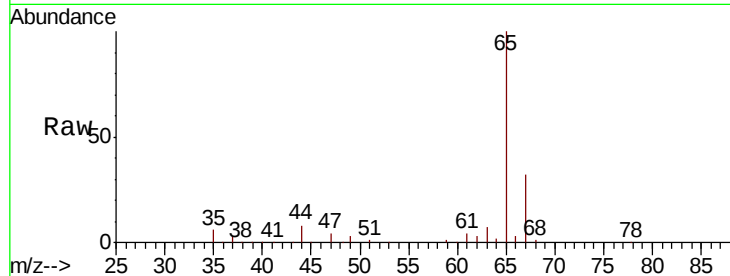
F2B10DLRE

Tgt Ion: 62 Resp: 3143

Ion Ratio Lower Upper

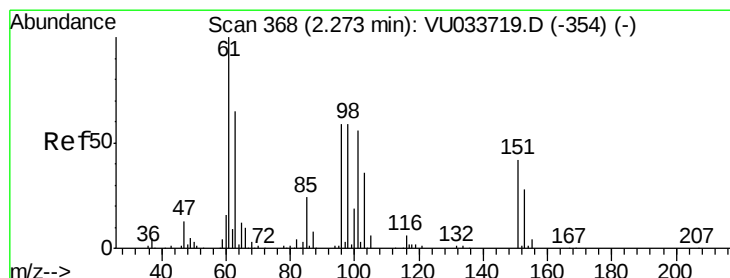
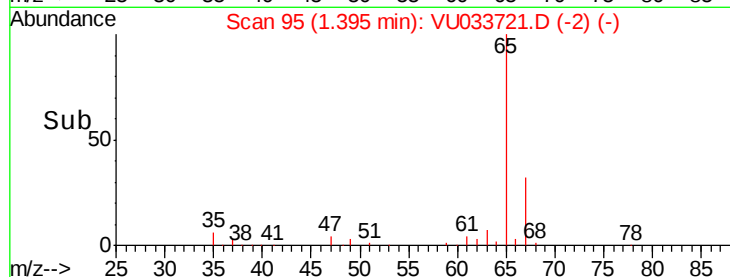
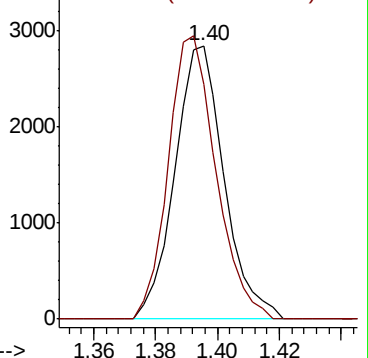
62 100

64 85.8 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU033719.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033719.D (-87) (-)



#10

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

Concen: 0.999 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033721.D

Acq: 10 Aug 2019 11:13

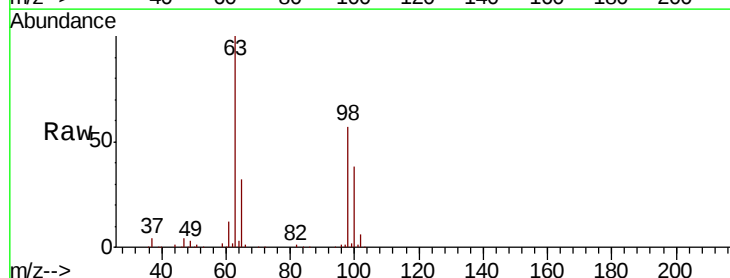
Tgt Ion: 101 Resp: 1967

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

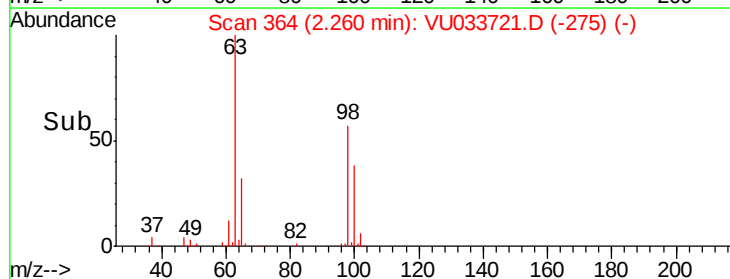
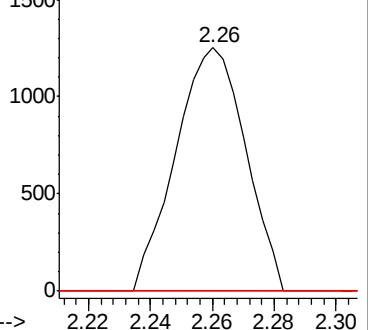
151 0.0 63.0 94.4#

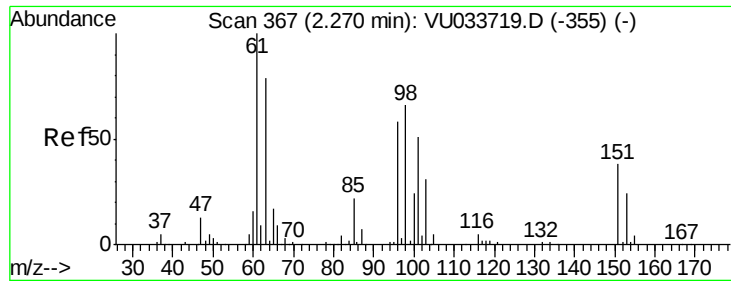


Abundance Ion 101.00 (100.70 to 101.70): VU033719.D (-354) (-)

Ion 85.00 (84.70 to 85.70): VU033719.D (-354) (-)

Ion 151.00 (150.70 to 151.70): VU033719.D (-354) (-)





#12

1,1-Dichloroethene

Concen: 1.323 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033721.D

Acq: 10 Aug 2019 11:13

Instrument :

MSVOA_U

ClientSampleId :

F2B10DLRE

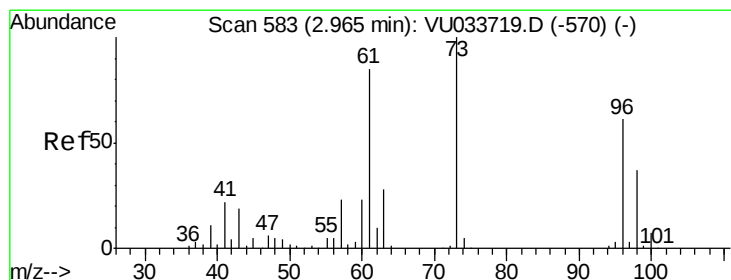
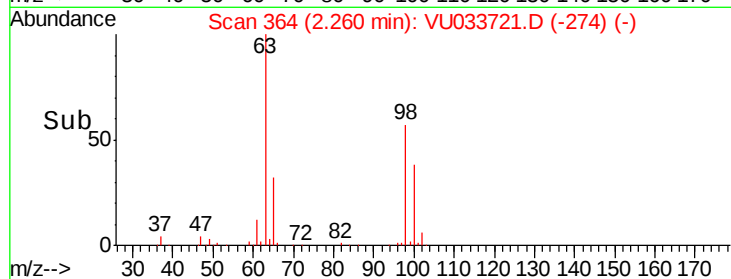
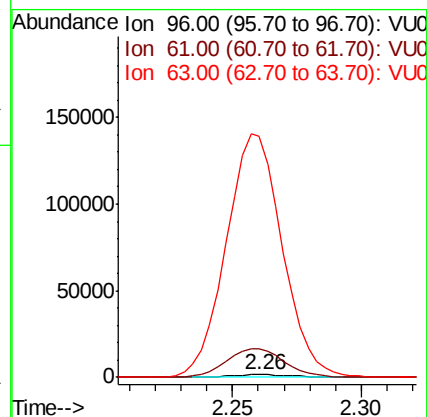
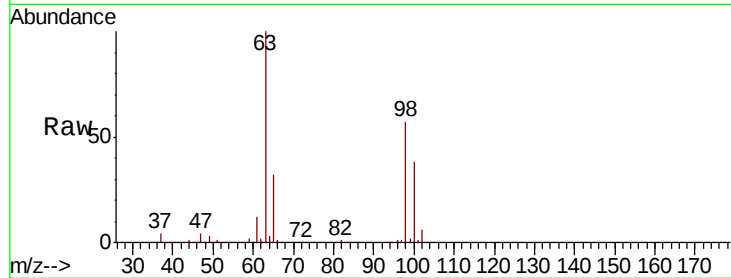
Tgt Ion: 96 Resp: 2559

Ion Ratio Lower Upper

96 100

61 1118.3 118.2 219.6#

63 9266.8 90.7 168.5#



#17

trans-1,2-Dichloroethene

Concen: 2.011 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033721.D

Acq: 10 Aug 2019 11:13

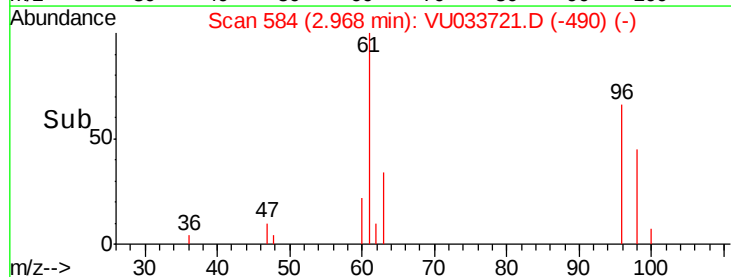
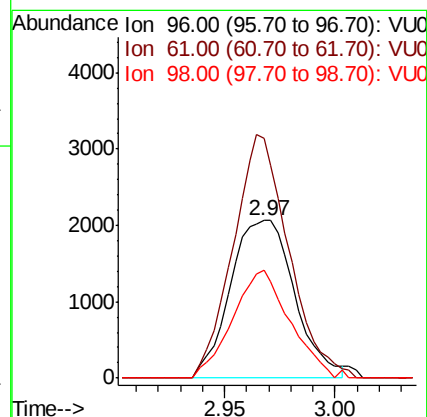
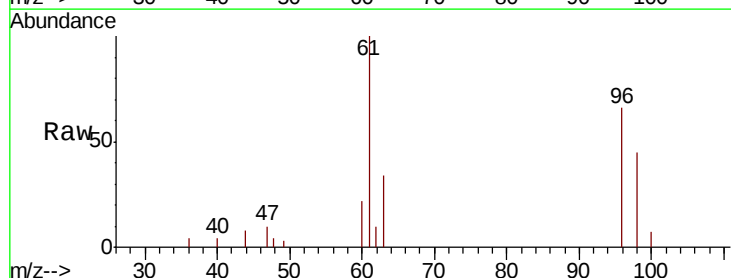
Tgt Ion: 96 Resp: 4171

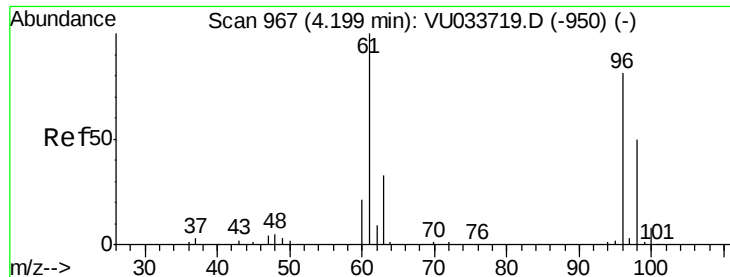
Ion Ratio Lower Upper

96 100

61 151.9 95.6 177.6

98 68.4 44.6 82.8

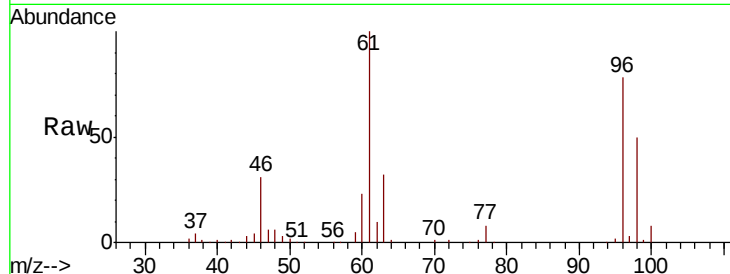




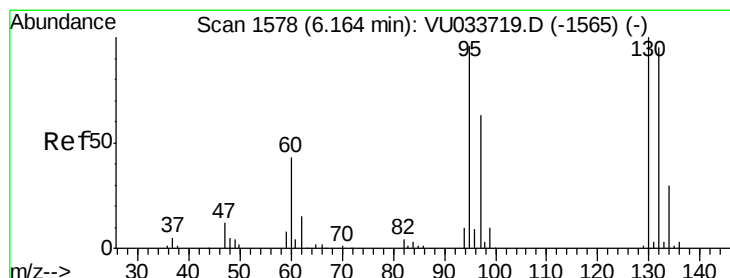
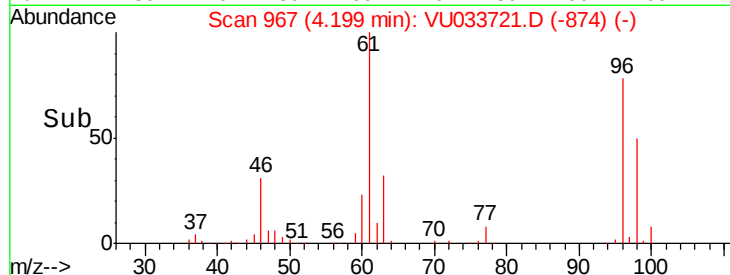
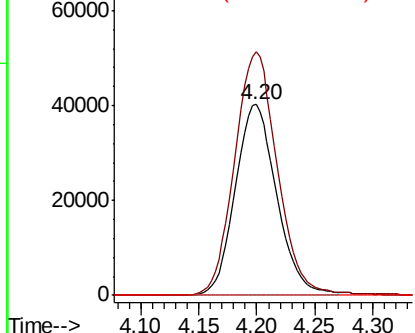
#20
 cis-1,2-Dichloroethene
 Concen: 42.245 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B10DLRE

Tgt Ion: 96 Resp: 99928
 Ion Ratio Lower Upper
 96 100
 61 127.5 87.0 161.6
 68 0.0 0.0 0.0

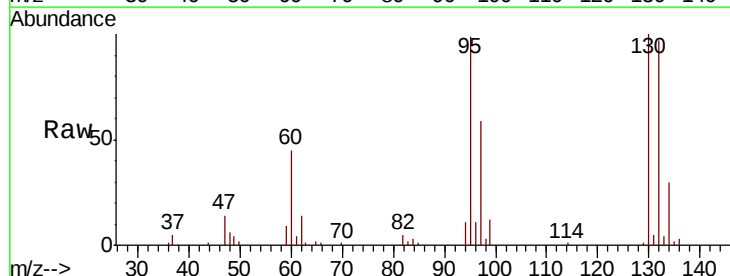


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

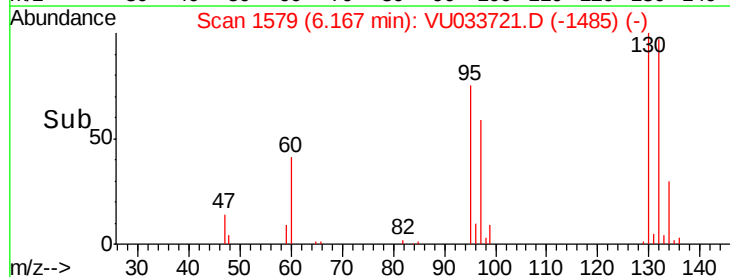
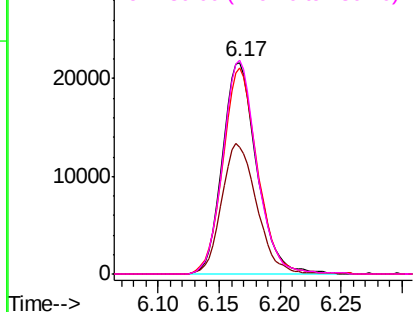


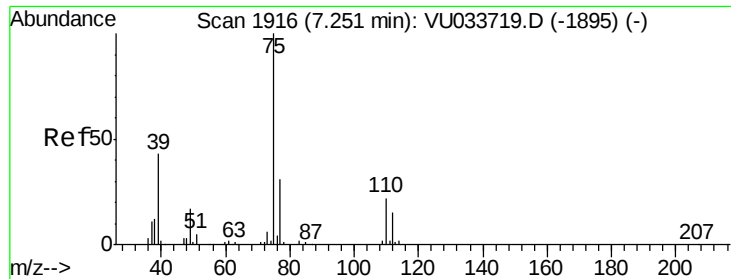
#34
 Trichloroethene
 Concen: 18.059 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

Tgt Ion: 95 Resp: 42776
 Ion Ratio Lower Upper
 95 100
 97 60.1 45.6 84.8
 132 97.6 72.0 133.8
 130 101.1 74.3 138.1



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

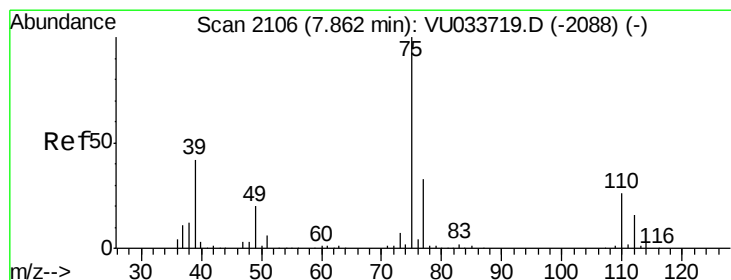
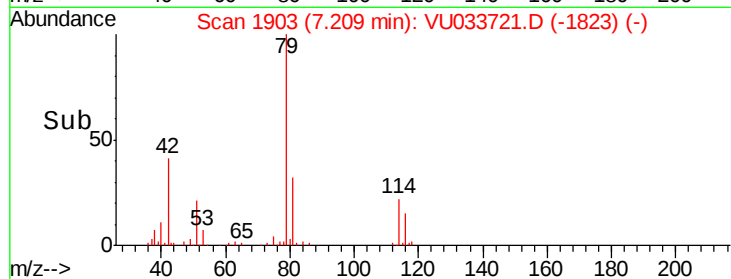
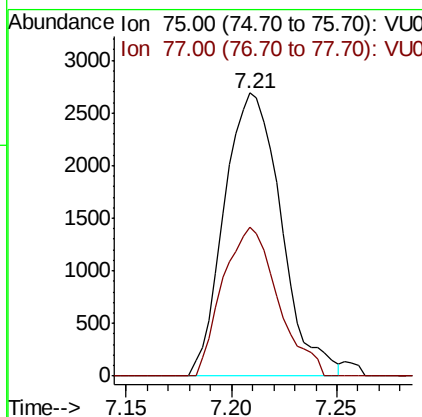
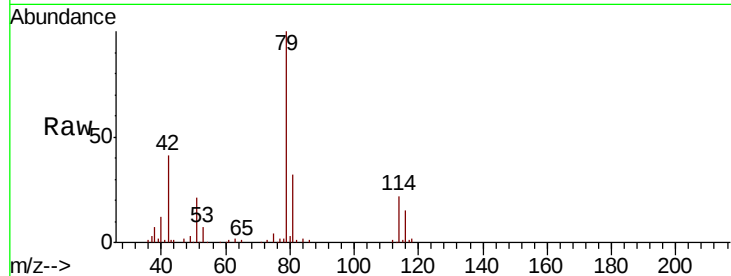




#39
 cis-1,3-Dichloropropene
 Concen: 1.323 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

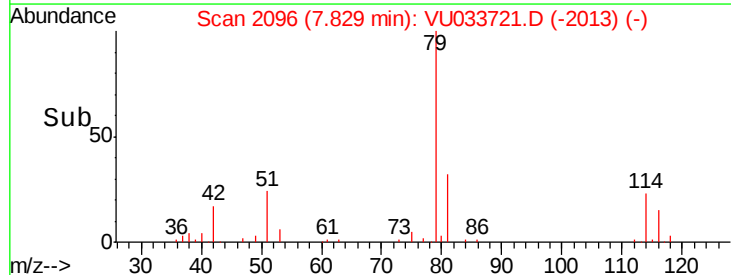
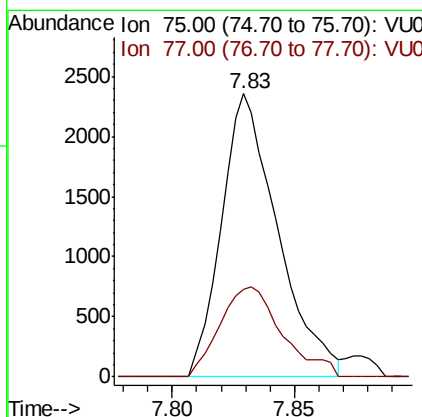
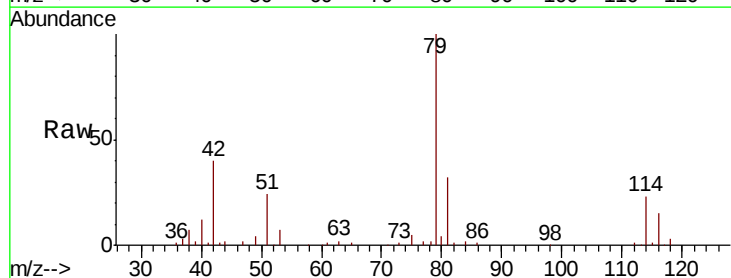
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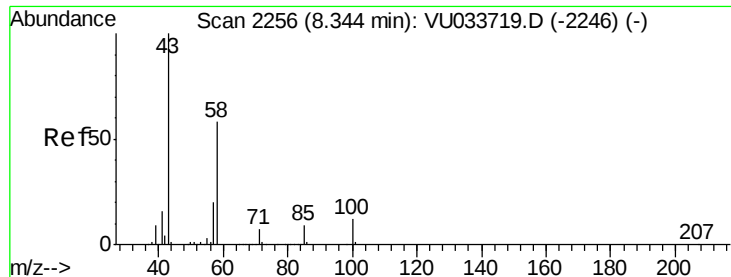
Tgt Ion: 75 Resp: 5037
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.7 40.3#



#44
 trans-1,3-Dichloropropene
 Concen: 1.112 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

Tgt Ion: 75 Resp: 3773
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.4 41.6

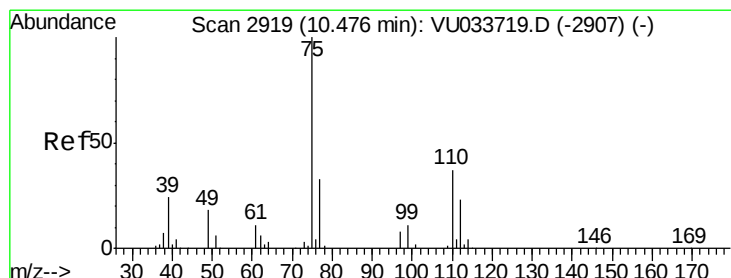
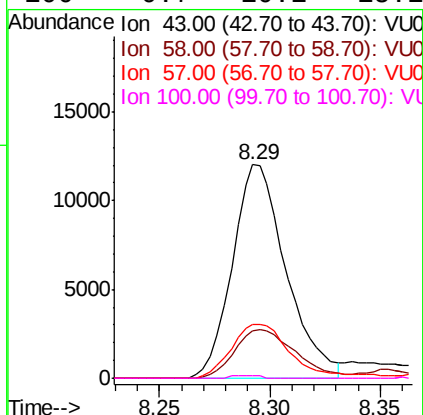
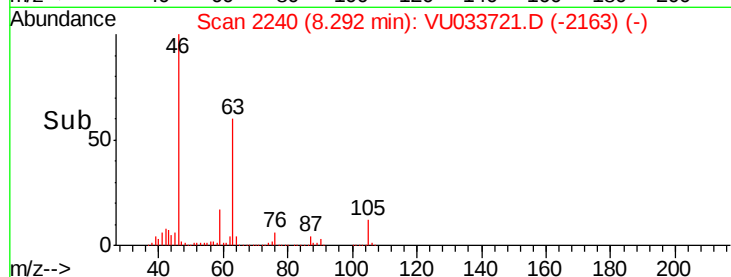
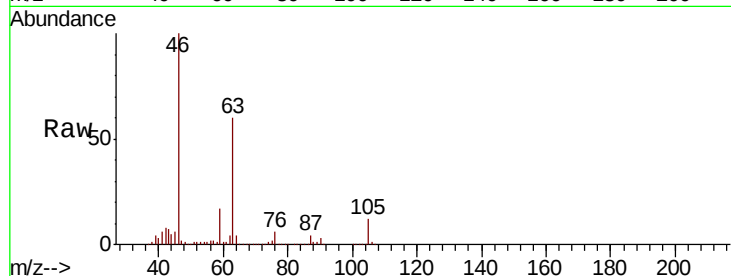




#48
 2-Hexanone
 Concen: 7.252 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

Instrument :
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 ClientSampleId :
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Tgt Ion: 43 Resp: 20345
 Ion Ratio Lower Upper
 43 100
 58 25.5 46.6 70.0#
 57 28.1 16.2 24.4#
 100 0.7 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.807 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033721.D
 Acq: 10 Aug 2019 11:13

Tgt Ion: 75 Resp: 18807
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.4 39.6

