

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033734.D
 Acq On : 10 Aug 2019 22:50
 Operator : JC/SP
 Sample : K4289-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B36

Quant Time: Aug 11 04:54:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36441	16.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.74%#
7) Chloroethane-d5	1.67	69	43261	19.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.96%#
11) 1,1-Dichloroethene-d2	2.26	63	52539	14.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.94%#
21) 2-Butanone-d5	4.15	46	166691	124.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.48%
24) Chloroform-d	4.62	84	128738	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.24%
26) 1,2-Dichloroethane-d4	5.29	65	83239	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
32) Benzene-d6	5.32	84	206016	29.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.20%#
36) 1,2-Dichloropropane-d6	6.31	67	83141	38.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.84%
41) Toluene-d8	7.55	98	167604	25.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.20%#
43) trans-1,3-Dichloropropene-	7.83	79	35764	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.32%
47) 2-Hexanone-d5	8.29	63	118393	107.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167926	53.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	101101	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

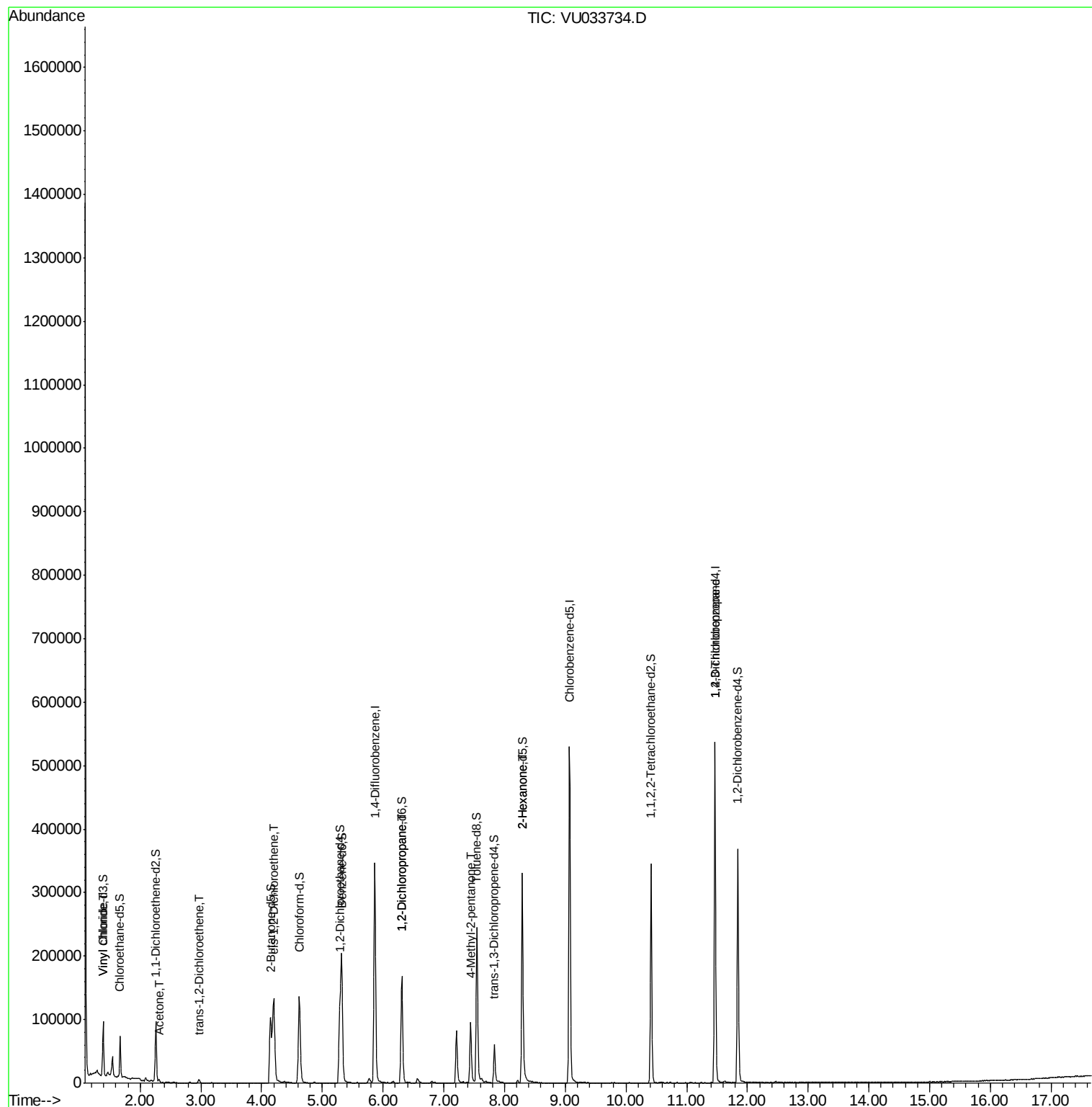
					Qvalue
5) Vinyl chloride	1.40	62	19383	7.847	ug/L 91
13) Acetone	2.31	43	4201	3.120	ug/L 93
17) trans-1,2-Dichloroethene	2.97	96	2402	1.299	ug/L 93
20) cis-1,2-Dichloroethene	4.20	96	73532	34.859	ug/L 99
37) 1,2-Dichloropropane	6.31	63	8863	4.046	ug/L # 90
40) 4-Methyl-2-pentanone	7.44	43	63657	19.540	ug/L 97
48) 2-Hexanone	8.29	43	13077	5.098	ug/L # 65
59) 1,2,3-Trichloropropane	11.47	75	16546	5.587	ug/L 94

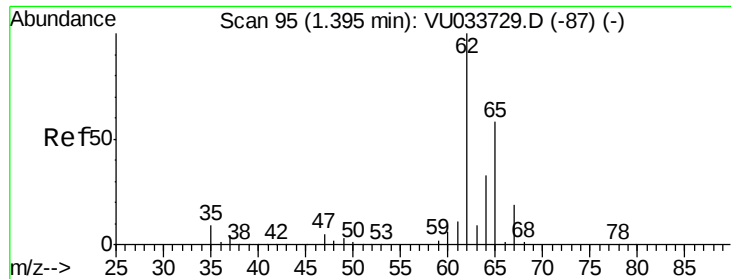
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 04:51:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.847 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033734.D

Acq: 10 Aug 2019 22:50

Instrument :

MSVOA_U

ClientSampleId :

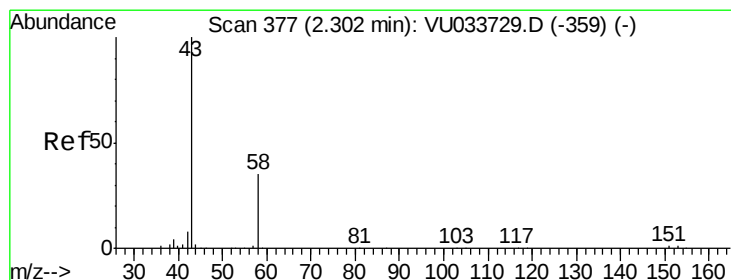
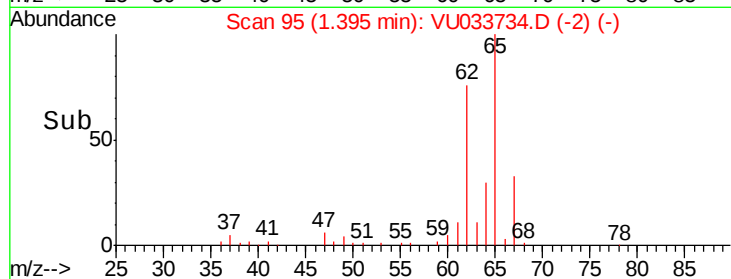
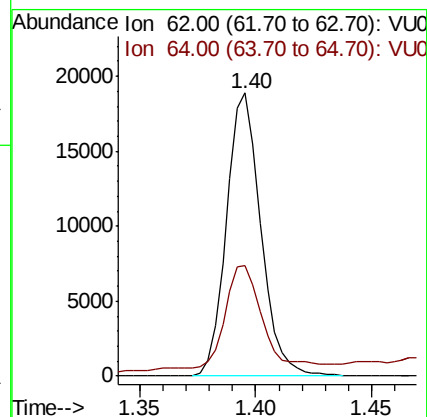
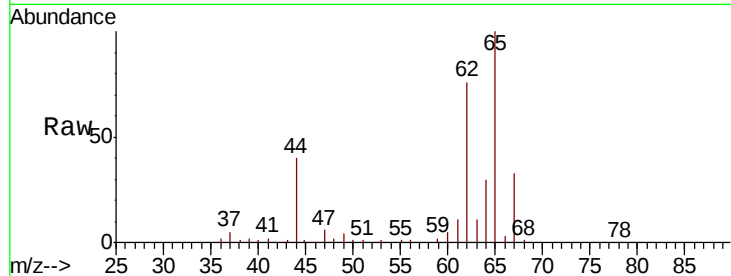
F2B36

Tgt Ion: 62 Resp: 19383

Ion Ratio Lower Upper

62 100

64 39.2 23.7 43.9



#13

Acetone

Concen: 3.120 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033734.D

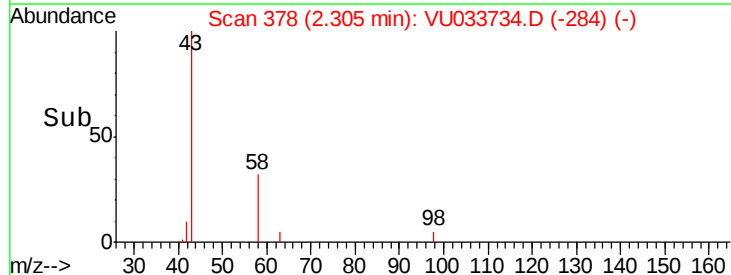
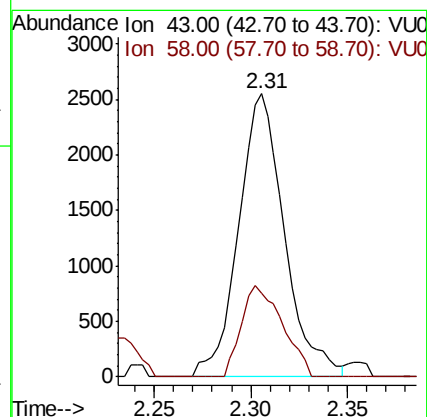
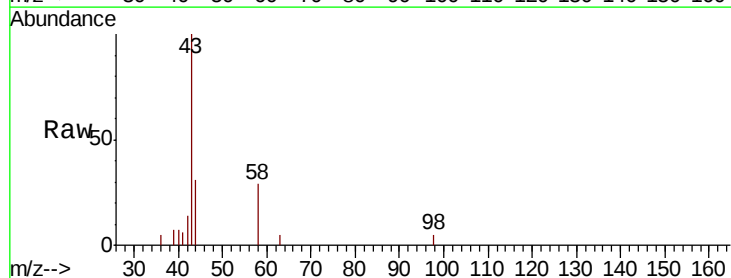
Acq: 10 Aug 2019 22:50

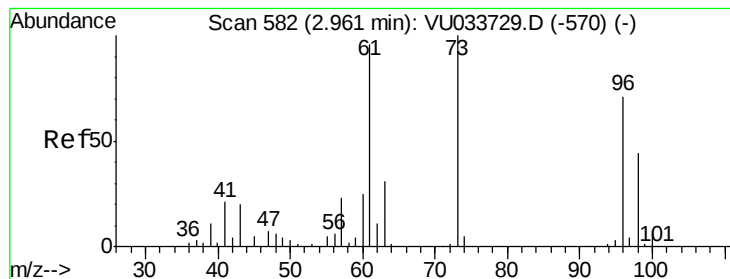
Tgt Ion: 43 Resp: 4201

Ion Ratio Lower Upper

43 100

58 28.9 0.0 65.6





#17

trans-1,2-Dichloroethene

Concen: 1.299 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU033734.D

Acq: 10 Aug 2019 22:50

Instrument :

MSVOA_U

ClientSampleId :

F2B36

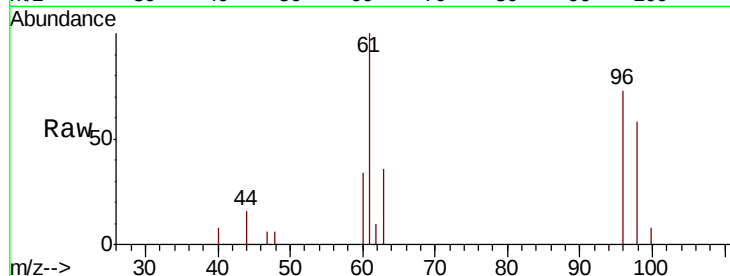
Tgt Ion: 96 Resp: 2402

Ion Ratio Lower Upper

96 100

61 136.9 95.6 177.6

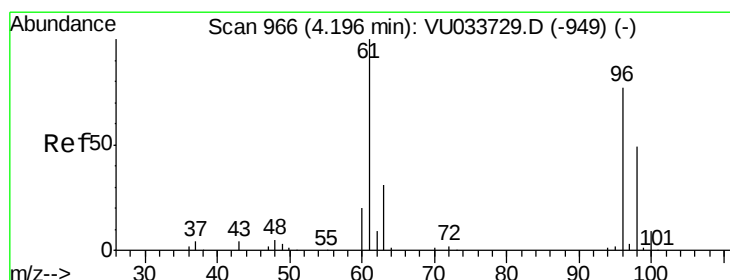
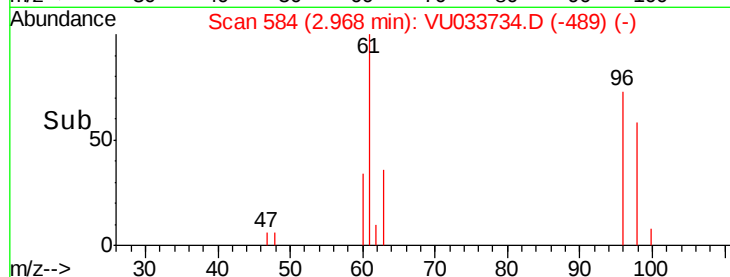
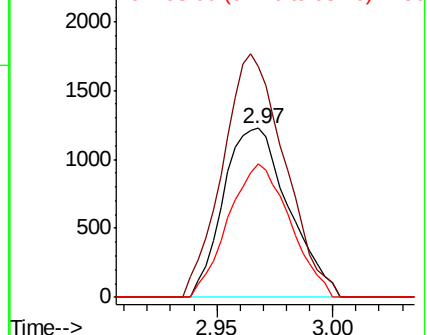
98 79.3 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 34.859 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033734.D

Acq: 10 Aug 2019 22:50

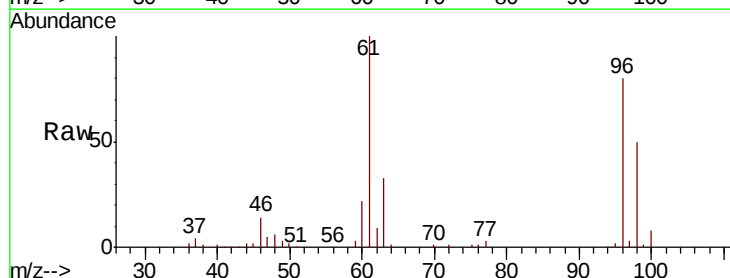
Tgt Ion: 96 Resp: 73532

Ion Ratio Lower Upper

96 100

61 125.1 87.0 161.6

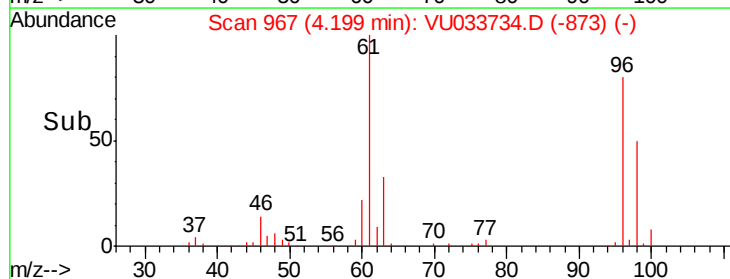
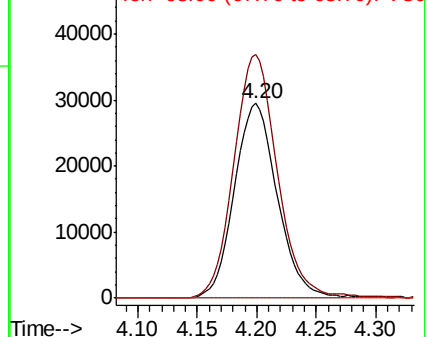
68 0.0 0.0 0.0

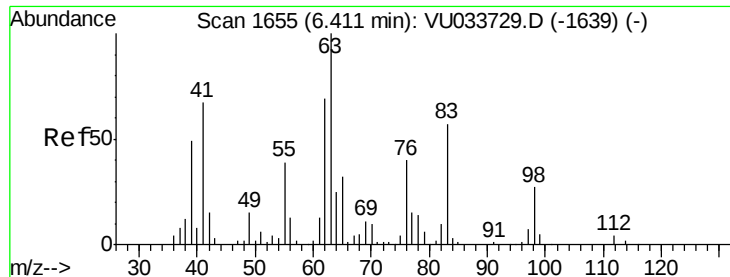


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

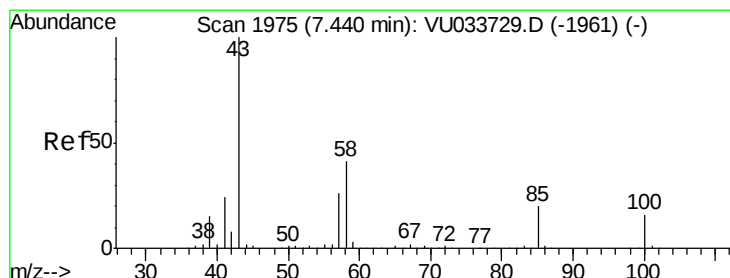
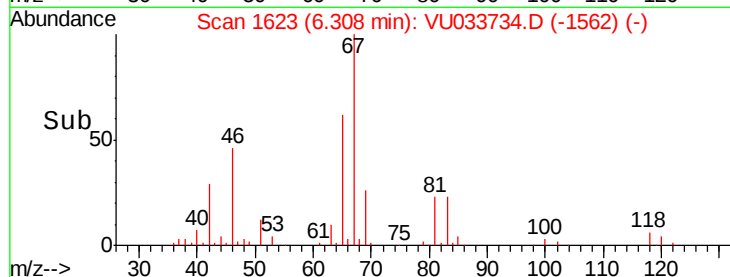
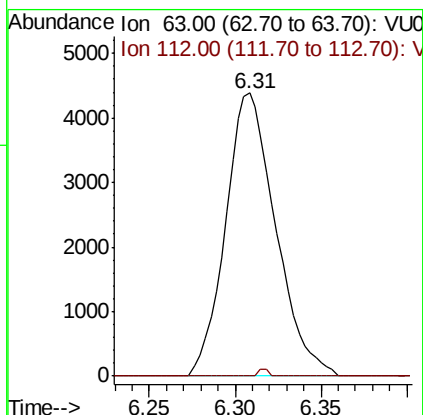
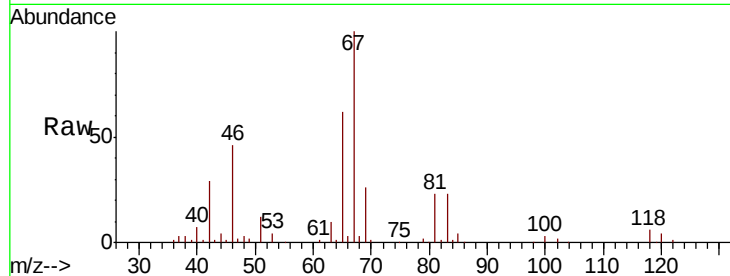




#37
 1,2-Dichloropropane
 Concen: 4.046 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033734.D
 Acq: 10 Aug 2019 22:50

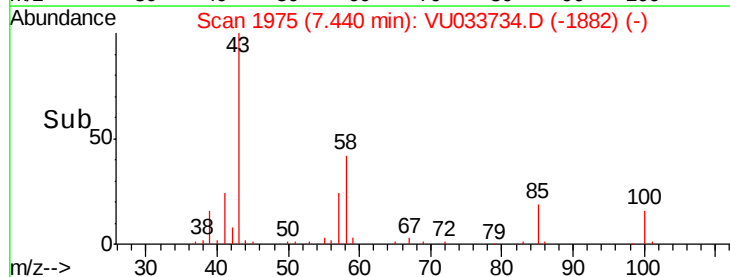
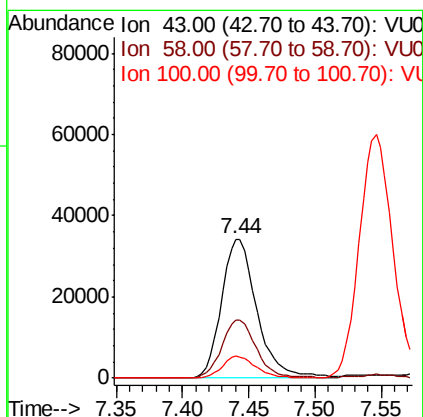
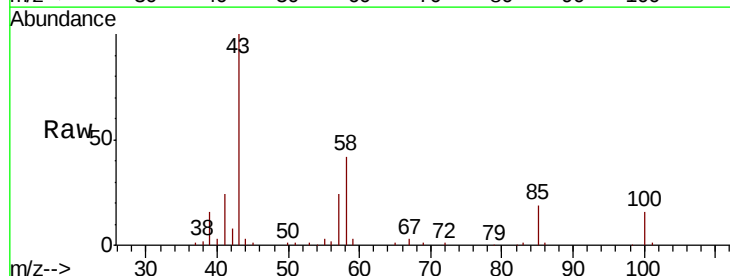
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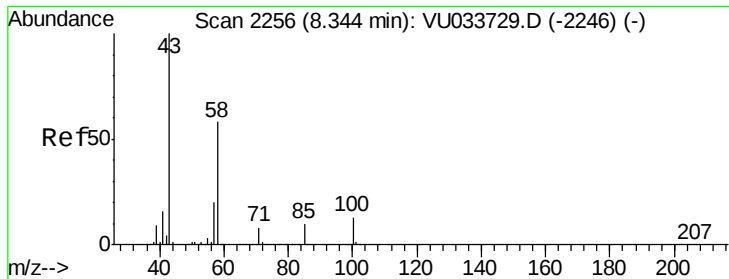
Tgt Ion: 63 Resp: 8863
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.1 4.7#



#40
 4-Methyl-2-pentanone
 Concen: 19.540 ug/L
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU033734.D
 Acq: 10 Aug 2019 22:50

Tgt Ion: 43 Resp: 63657
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.4 50.0
 100 14.9 13.2 19.8

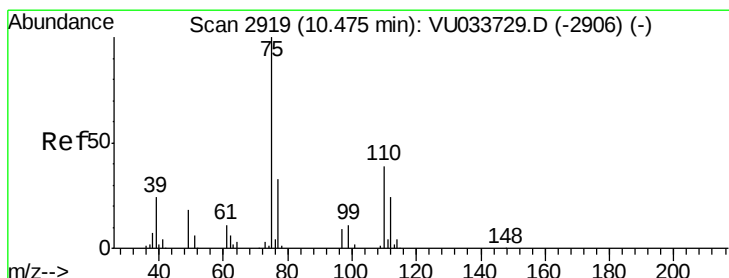
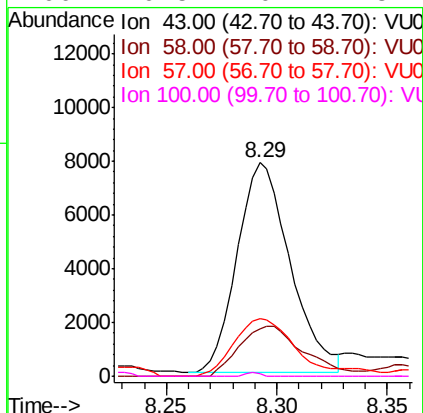
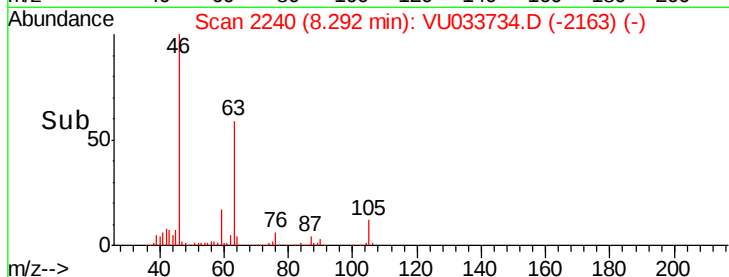
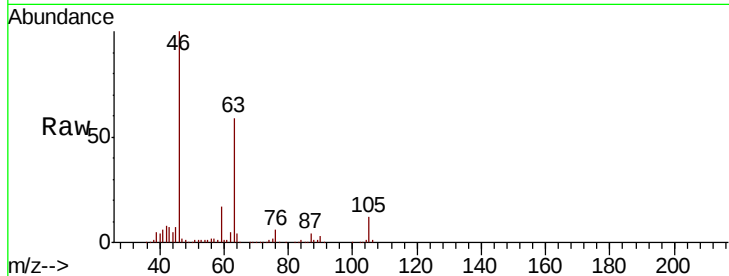




#48
 2-Hexanone
 Concen: 5.098 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033734.D
 Acq: 10 Aug 2019 22:50

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 ClientSampleId :
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Tgt Ion: 43 Resp: 13077
 Ion Ratio Lower Upper
 43 100
 58 28.9 46.6 70.0#
 57 31.3 16.2 24.4#
 100 0.5 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.587 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033734.D
 Acq: 10 Aug 2019 22:50

Tgt Ion: 75 Resp: 16546
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.4 39.6

