

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038715.D
 Acq On : 09 Jun 2020 11:46
 Operator : SY/MD
 Sample : L2913-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E57

Quant Time: Jun 10 00:35:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	657984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	628647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	300762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206181	56.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.18%
7) Chloroethane-d5	1.93	69	165810	58.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.28%
11) 1,1-Dichloroethene-d2	2.59	63	316860	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
21) 2-Butanone-d5	4.66	46	388143	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	5.10	84	401390	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.74	65	272551	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	5.76	84	850876	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.38%
36) 1,2-Dichloropropane-d6	6.72	67	261584	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.10%
41) Toluene-d8	7.92	98	749738	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%
43) trans-1,3-Dichloropropene-	8.20	79	120298	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.40%
47) 2-Hexanone-d5	8.65	63	287518	115.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	372160	53.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	299117	57.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.56%

Target Compounds

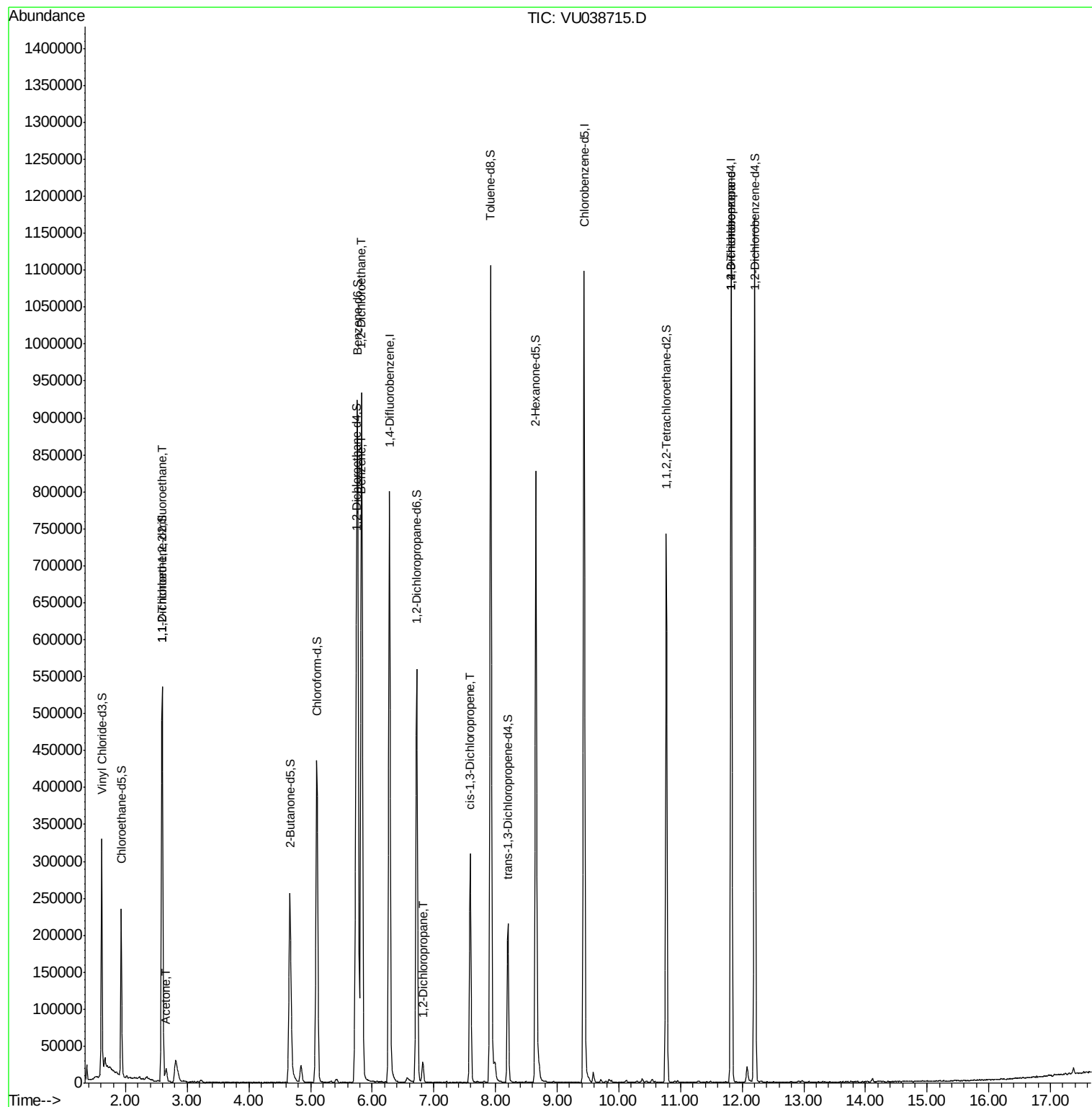
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3131	0.741	ug/L #	21
13) Acetone	2.66	43	21456	7.445	ug/L	93
27) 1,2-Dichloroethane	5.83	62	770518	107.768	ug/L	100
33) Benzene	5.81	78	47201	2.528	ug/L	100
37) 1,2-Dichloropropane	6.82	63	9839	2.023	ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	6938	0.925	ug/L #	52
59) 1,2,3-Trichloropropane	11.82	75	38182	5.598	ug/L	89

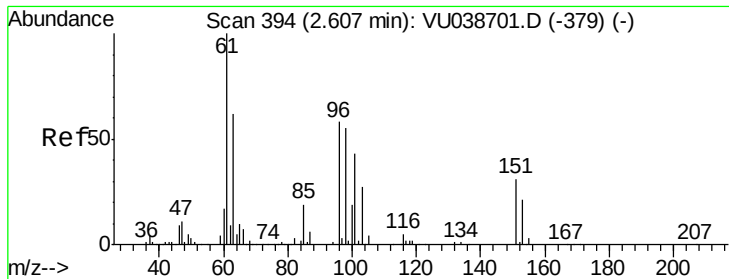
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.741 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038715.D

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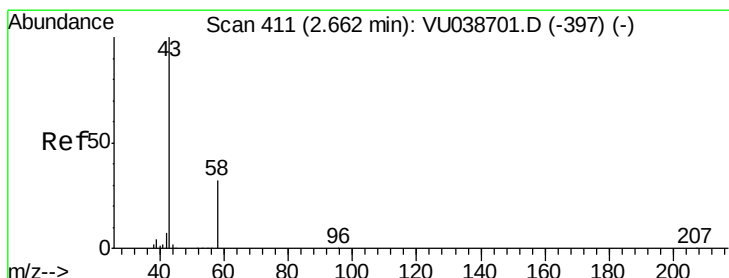
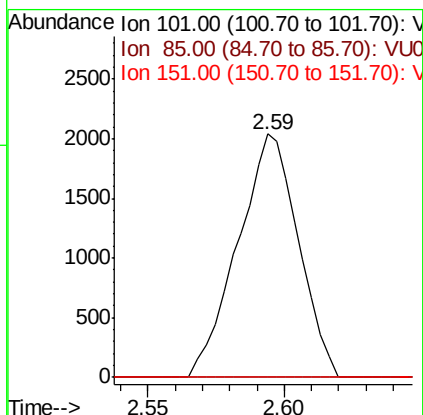
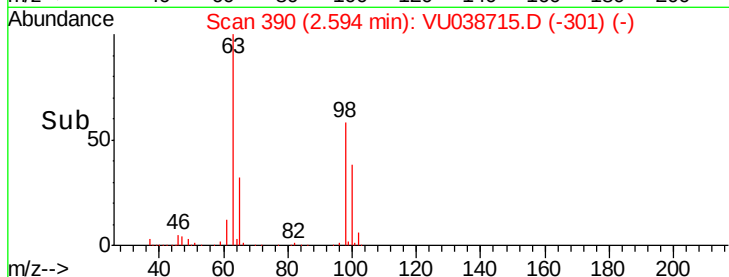
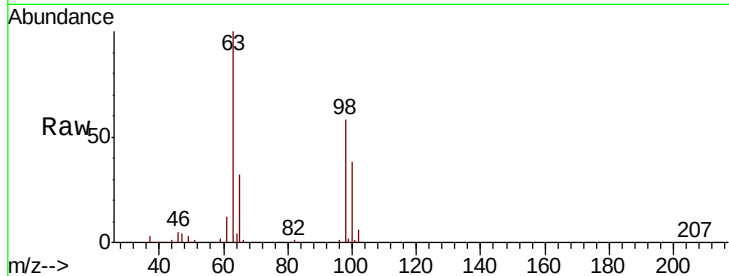
Tot Ion:101 Resp: 3131

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 57.4 86.0#



#13

Acetone

Concen: 7.445 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038715.D

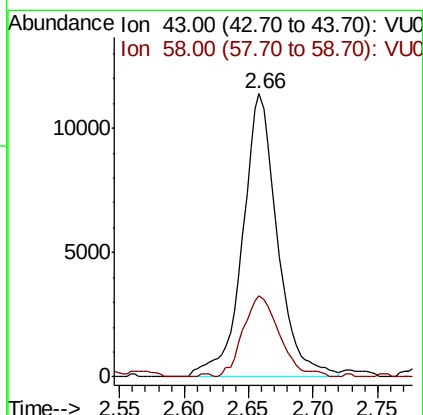
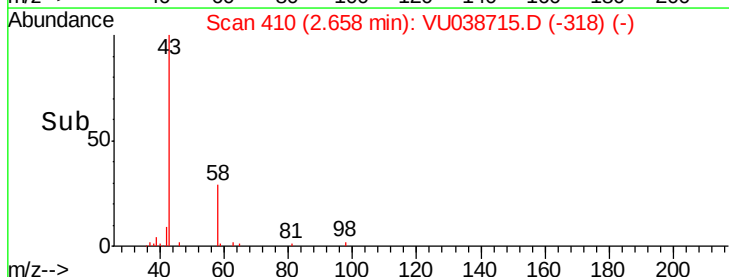
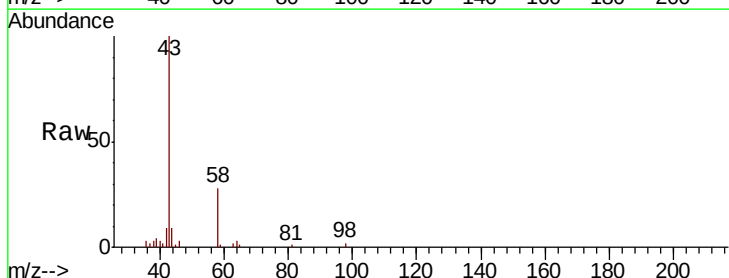
Acq: 09 Jun 2020 11:46

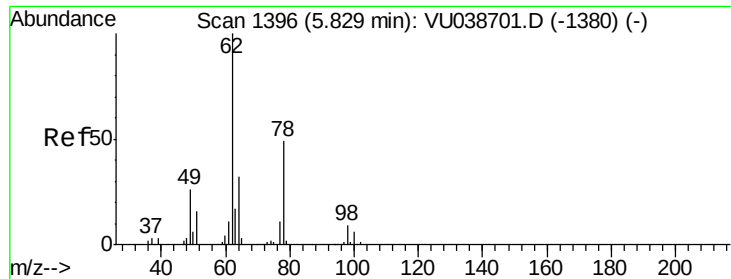
Tgt Ion: 43 Resp: 21456

Ion Ratio Lower Upper

43 100

58 30.0 0.0 67.6

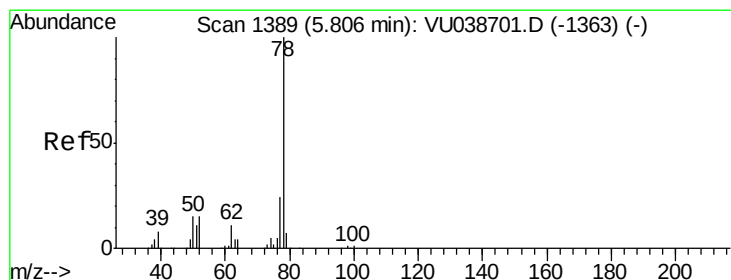
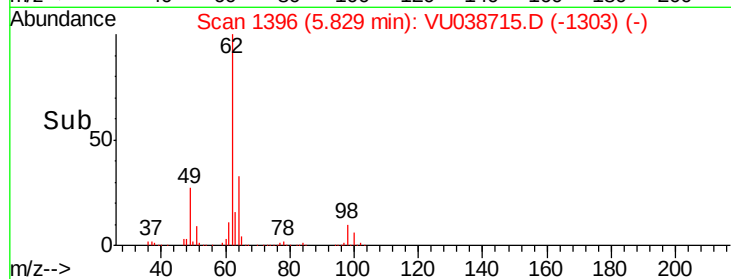
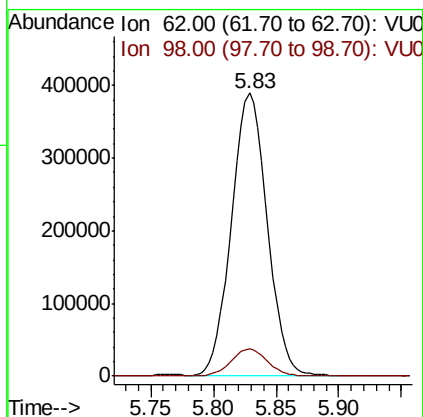
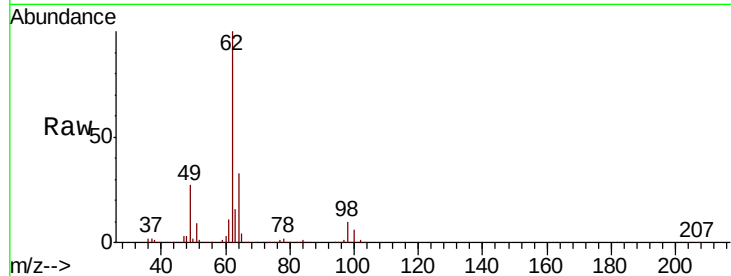




#27
 1,2-Dichloroethane
 Concen: 107.768 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038715.D
 Acq: 09 Jun 2020 11:46

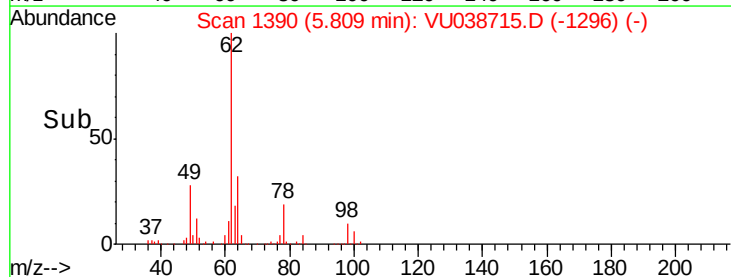
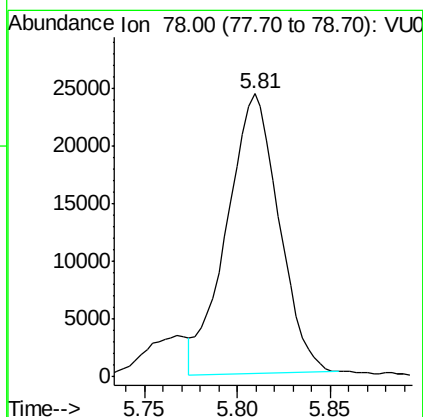
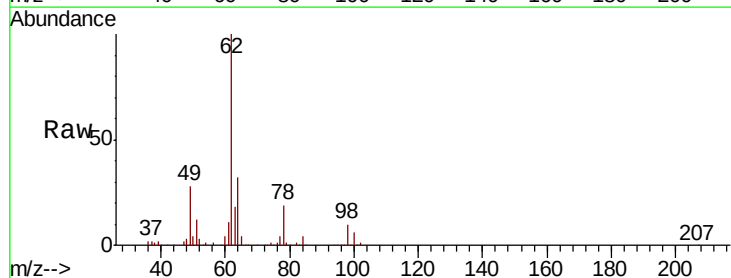
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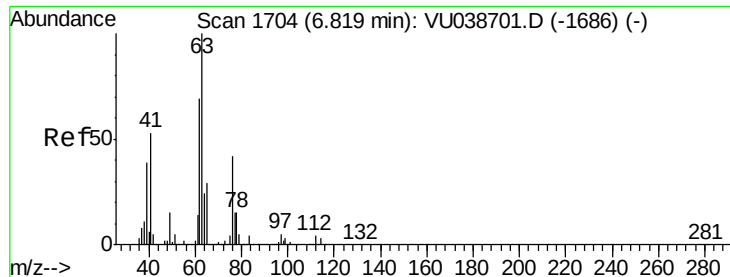
Tot Ion: 62 Resp: 770518
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.8 11.6



#33
 Benzene
 Concen: 2.528 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU038715.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 78 Resp: 47201

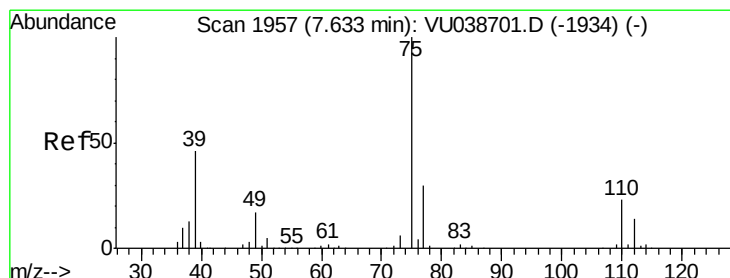
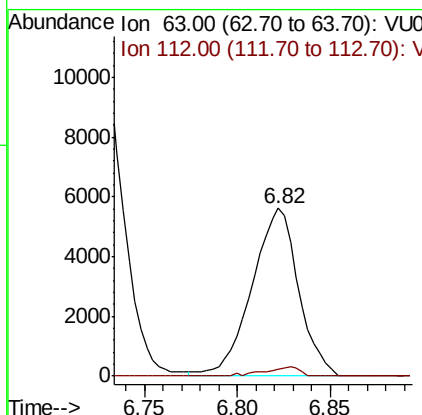
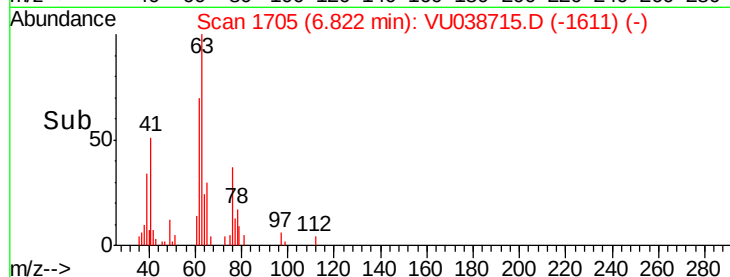
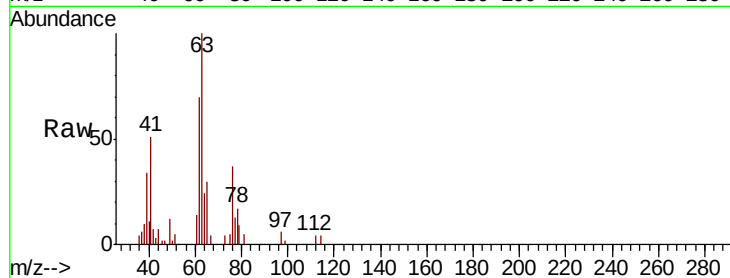




#37
 1,2-Dichloropropane
 Concen: 2.023 ug/L
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038715.D
 Acq: 09 Jun 2020 11:46

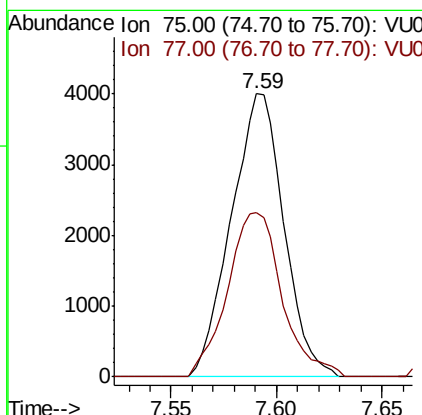
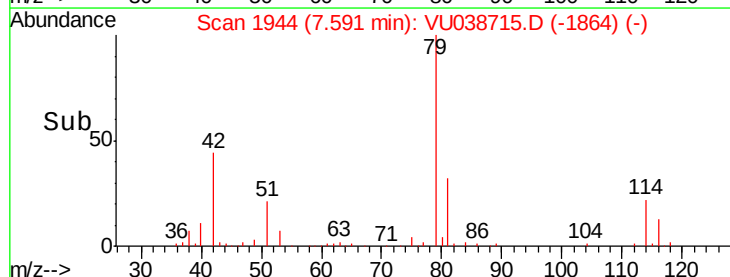
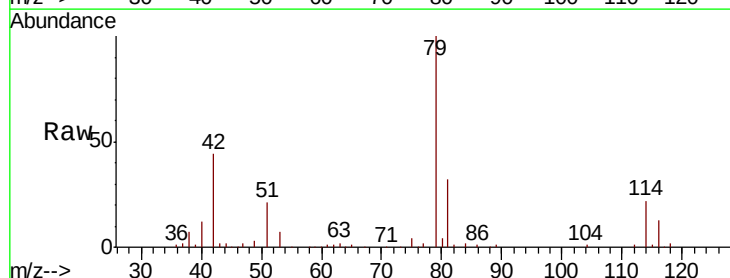
Instrument :
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 ClientSampleId :
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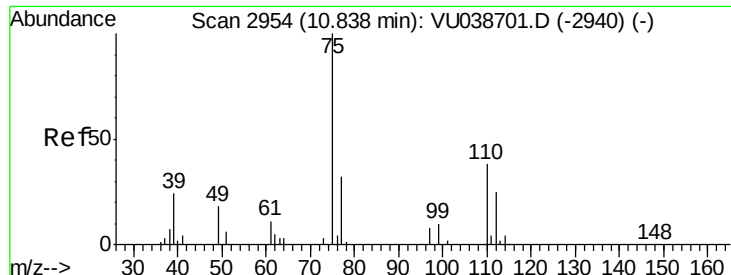
Tot Ion: 63 Resp: 9839
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.4 5.2



#39
 cis-1,3-Dichloropropene
 Concen: 0.925 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038715.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 75 Resp: 6938
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.2 41.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.598 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038715.D
 Acq: 09 Jun 2020 11:46

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E57

Tot Ion: 75 Resp: 38182
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.3 37.9

