

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038742.D
 Acq On : 09 Jun 2020 22:49
 Operator : SY/MD
 Sample : L2897-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J4

Quant Time: Jun 10 05:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	529488	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	526979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	242096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143327	48.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.90%
7) Chloroethane-d5	1.93	69	127820	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.59	63	241887	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
21) 2-Butanone-d5	4.66	46	318297	110.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	5.10	84	332333	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	232711	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.10%
32) Benzene-d6	5.76	84	674228	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
36) 1,2-Dichloropropane-d6	6.72	67	211646	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.20%
41) Toluene-d8	7.92	98	586382	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%
43) trans-1,3-Dichloropropene-	8.20	79	99207	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.74%
47) 2-Hexanone-d5	8.65	63	234857	112.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	311187	53.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.66%
64) 1,2-Dichlorobenzene-d4	12.20	152	242725	57.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.50%

Target Compounds

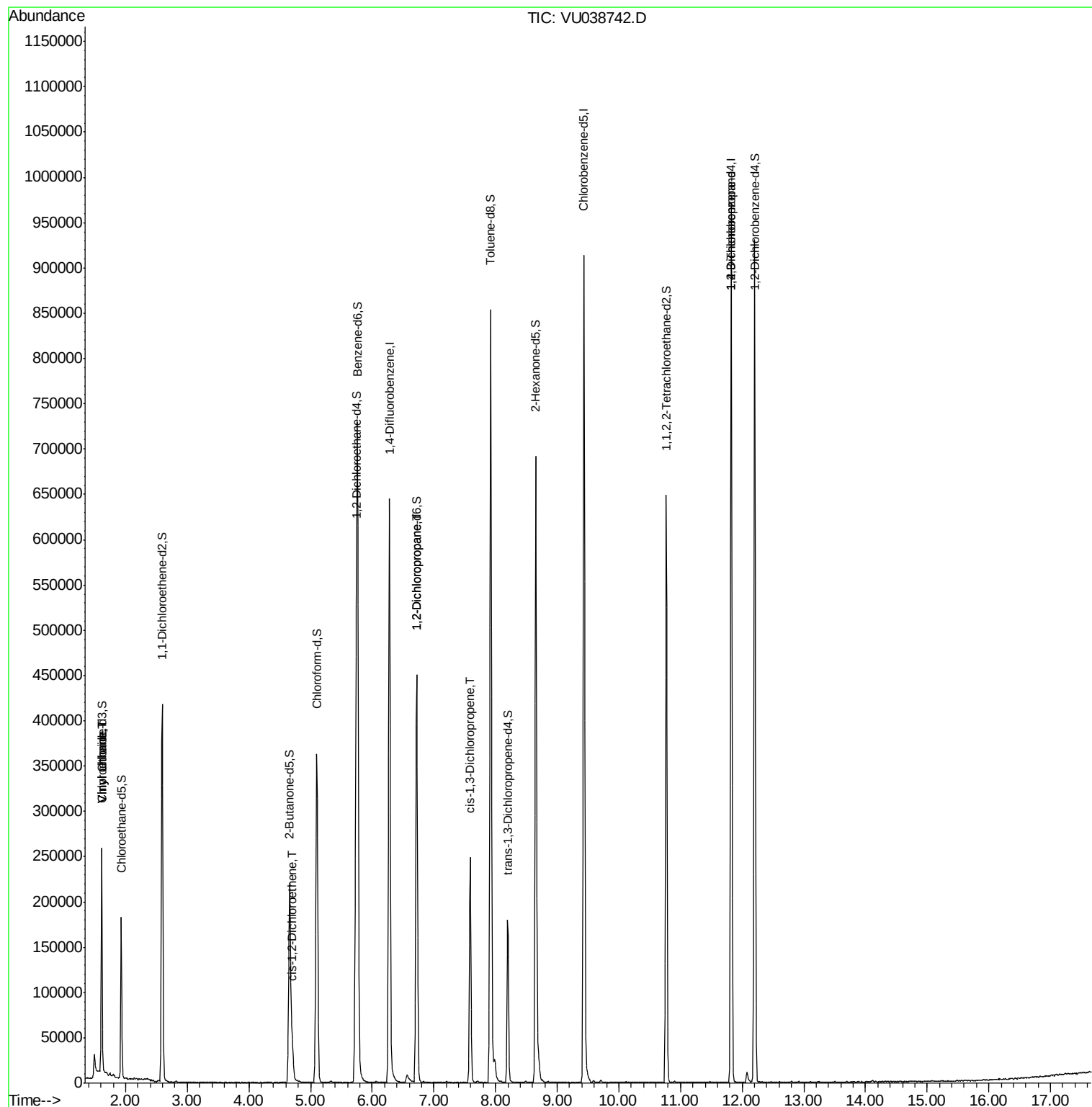
					Ovalue
5) Vinyl chloride	1.62	62	20345	4.803 ug/L #	26
8) Chloroethane	1.62	64	12631	5.097 ug/L	86
20) cis-1,2-Dichloroethene	4.70	96	16318	4.025 ug/L	93
37) 1,2-Dichloropropane	6.72	63	24261	5.949 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6008	0.955 ug/L #	53
59) 1,2,3-Trichloropropane	11.82	75	30092	5.263 ug/L #	87

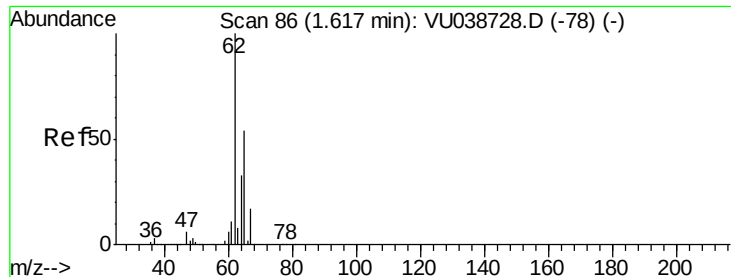
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.803 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038742.D

Acq: 09 Jun 2020 22:49

Instrument :

MSVOA_U

ClientSampleId :

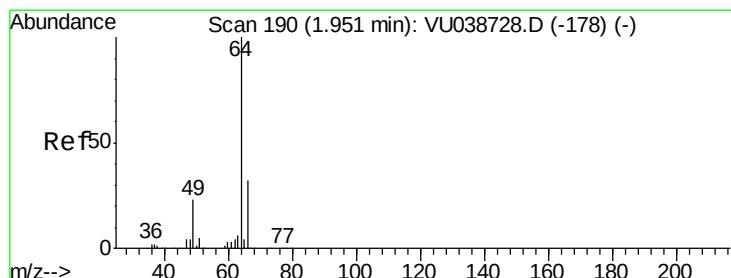
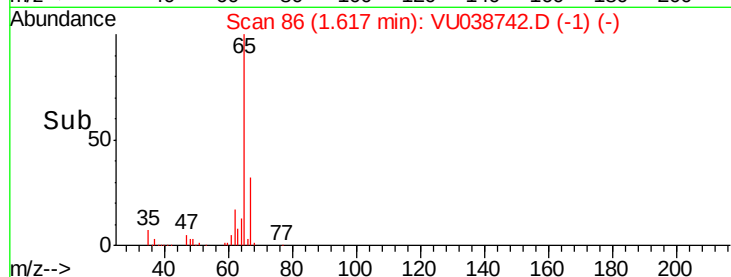
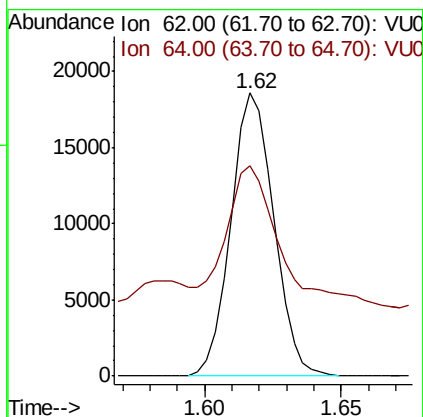
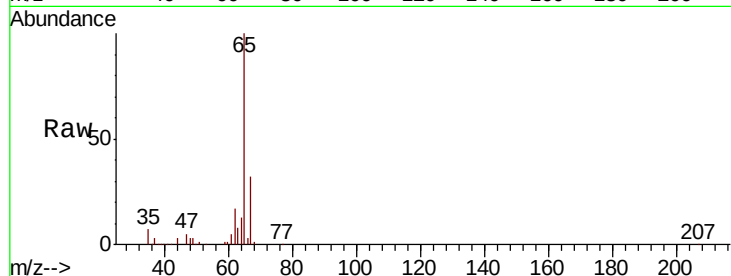
EW0J4

Tot Ion: 62 Resp: 20345

Ion Ratio Lower Upper

62 100

64 74.5 23.0 42.8#



#8

Chloroethane

Concen: 5.097 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU038742.D

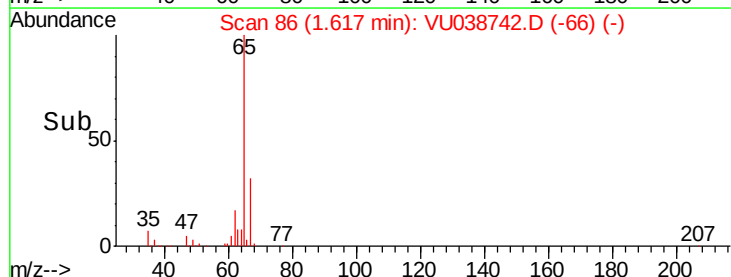
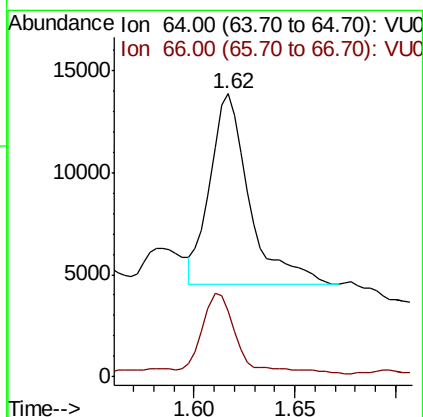
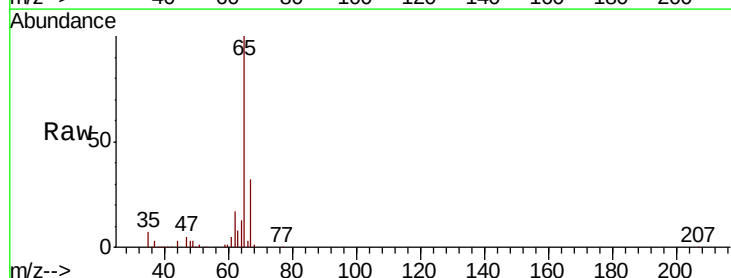
Acq: 09 Jun 2020 22:49

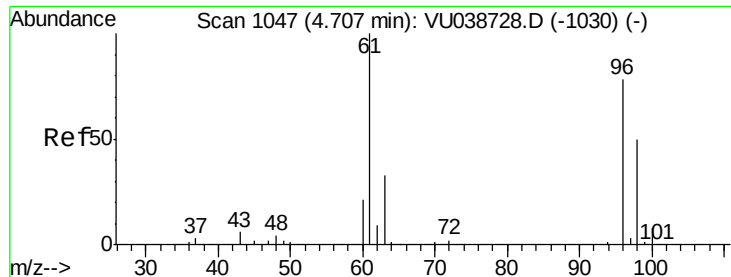
Tgt Ion: 64 Resp: 12631

Ion Ratio Lower Upper

64 100

66 23.1 21.6 40.2

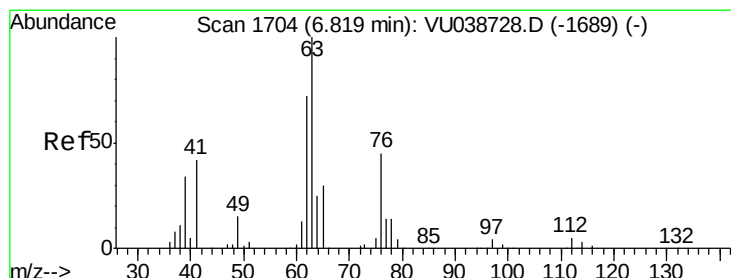
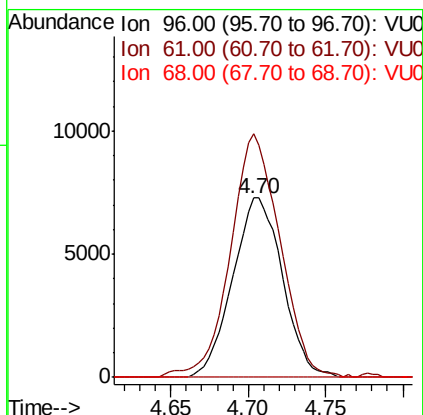
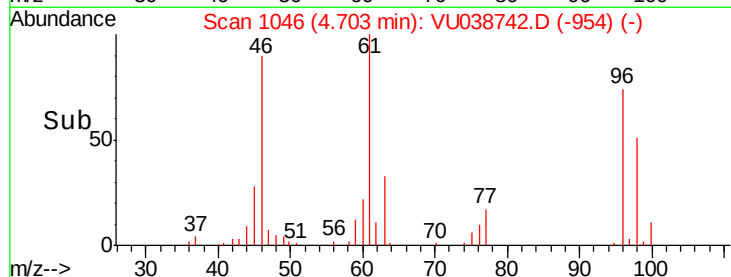
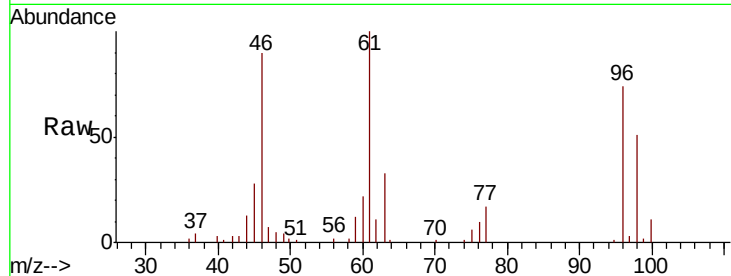




#20
 cis-1,2-Dichloroethene
 Concen: 4.025 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038742.D
 Acq: 09 Jun 2020 22:49

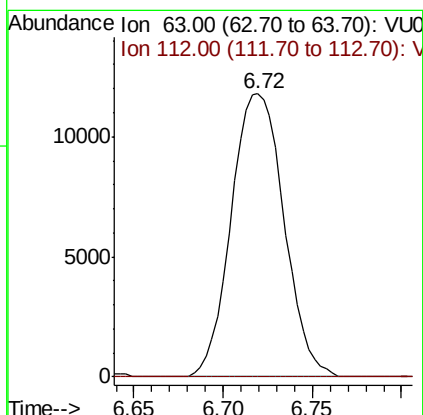
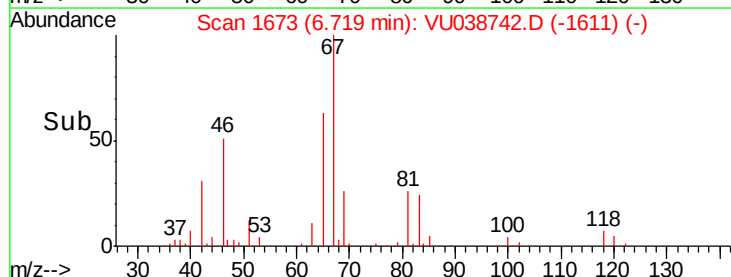
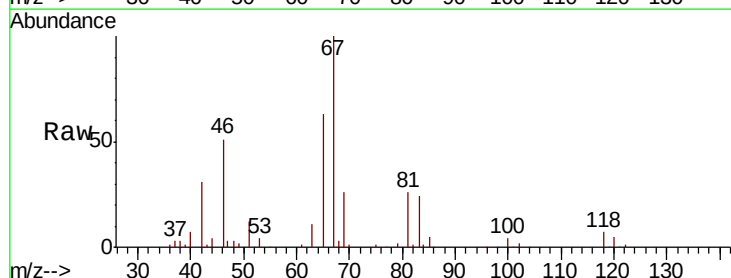
Instrument :
 MSVOA_U
 ClientSampled :
 EW0J4

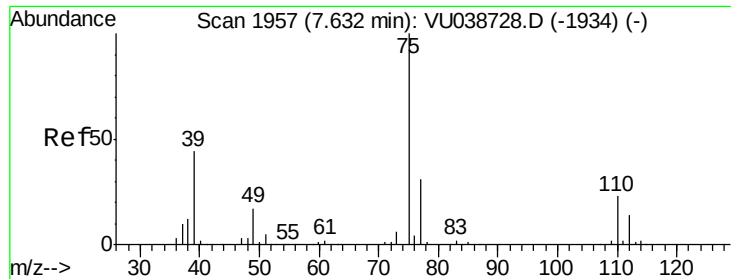
Tot Ion: 96 Resp: 16318
 Ion Ratio Lower Upper
 96 100
 61 135.6 89.5 166.1
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 5.949 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038742.D
 Acq: 09 Jun 2020 22:49

Tgt Ion: 63 Resp: 24261
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

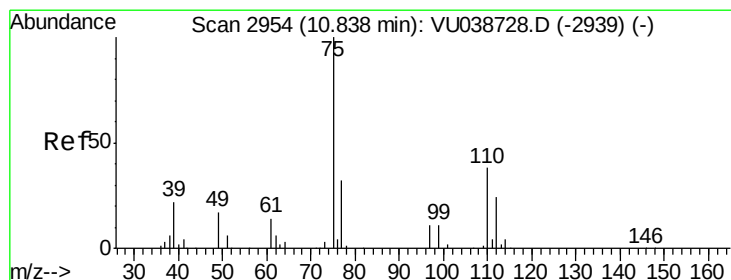
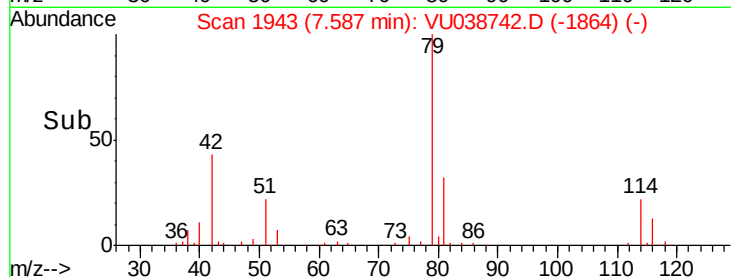
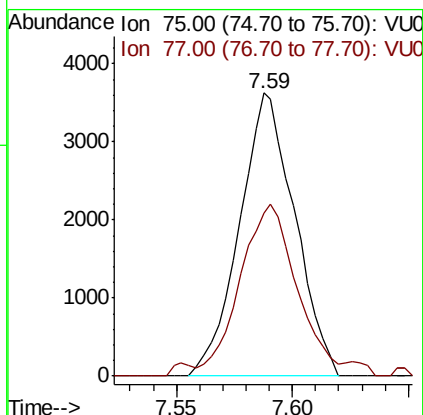
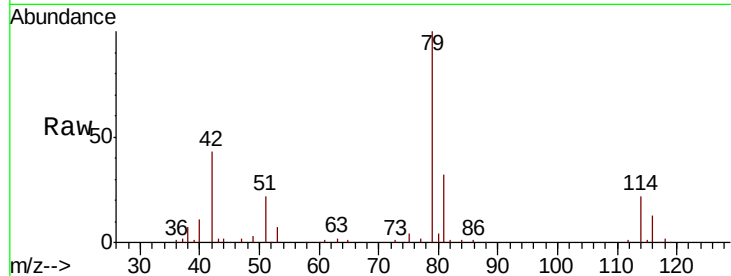




#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038742.D
 Acq: 09 Jun 2020 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J4

Tot Ion: 75 Resp: 6008
 Ion Ratio Lower Upper
 75 100
 77 57.6 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.263 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038742.D
 Acq: 09 Jun 2020 22:49

Tgt Ion: 75 Resp: 30092
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.3 37.9#

