

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037447.D
 Acq On : 29 Mar 2020 04:32
 Operator : JC/MD
 Sample : L2001-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	108064	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	99961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35571	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	30590	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	52921	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.66	46	102426	47.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	5.11	84	63499	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.74	65	40959	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	141697	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.72	67	47284	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	127495	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	20688	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.66	63	91809	51.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37416	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	46229	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

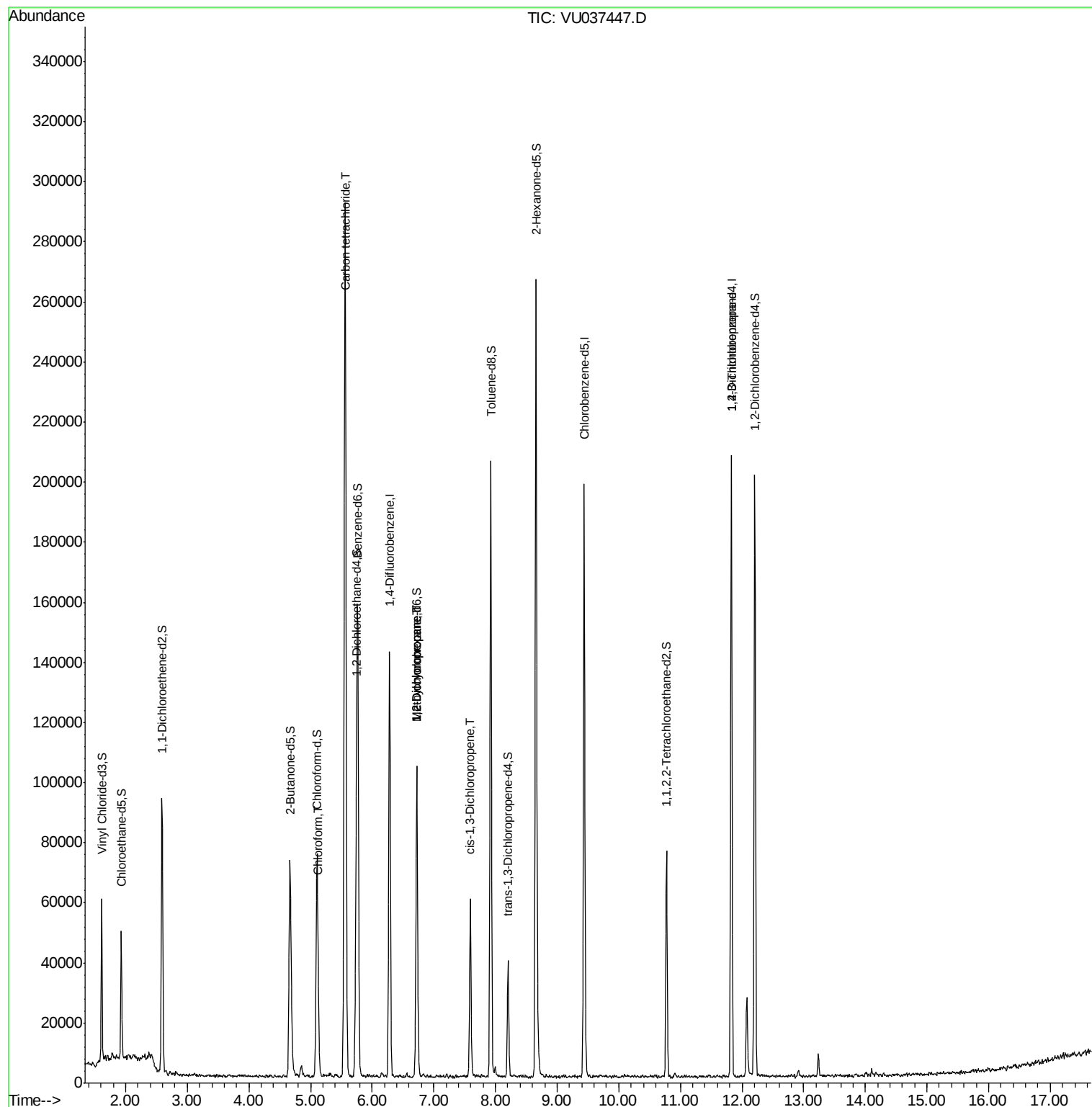
					Ovalue
25) Chloroform	5.13	83	9693	0.663 ug/L	97
31) Carbon tetrachloride	5.56	117	189320	17.452 ug/L	98
35) Methylcyclohexane	6.72	83	11317	0.848 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	5288	0.691 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1409	0.113 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	6883	1.293 ug/L #	85

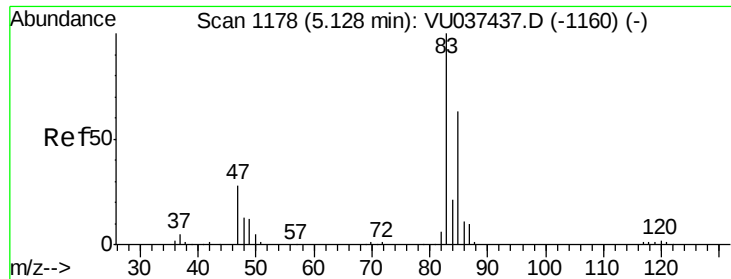
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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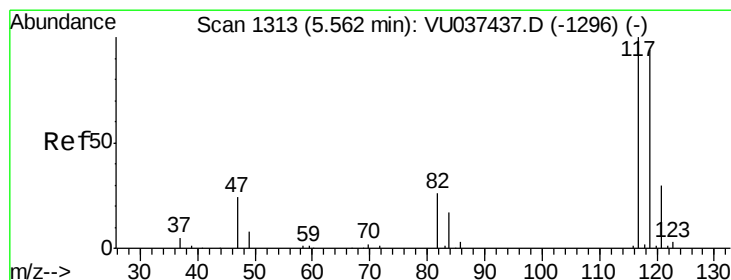
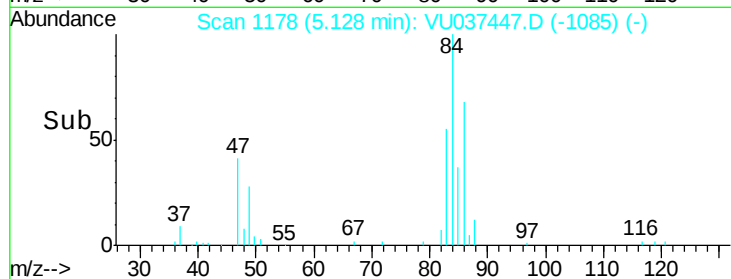
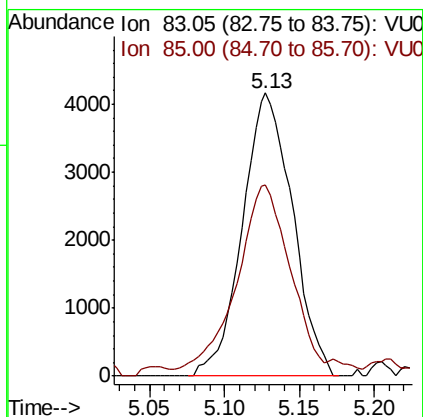
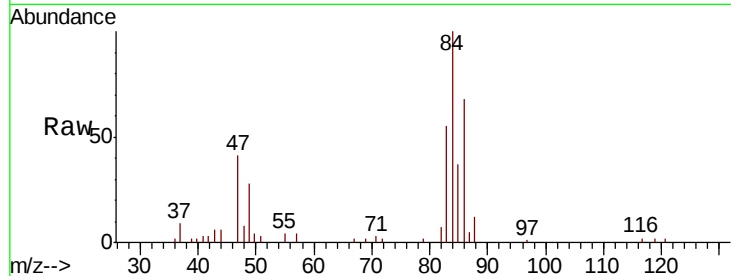




#25
Chloroform
Concen: 0.663 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

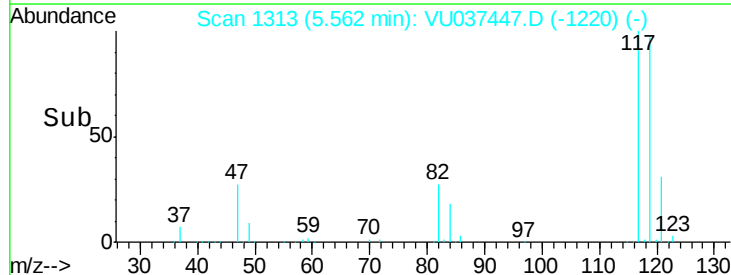
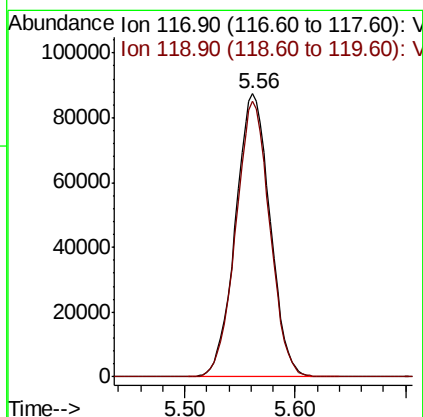
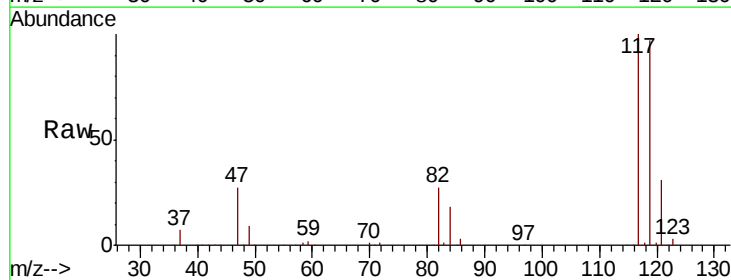
Instrument :
MSVOA_U
ClientSampleId :

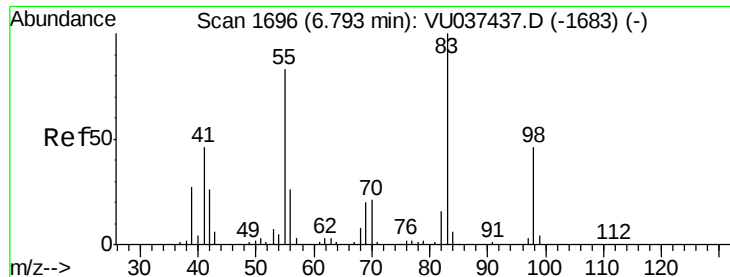
Tot Ion: 83 Resp: 9693
Ion Ratio Lower Upper
83 100
85 67.6 45.4 84.4



#31
Carbon tetrachloride
Concen: 17.452 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

Tgt Ion: 117 Resp: 189320
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5

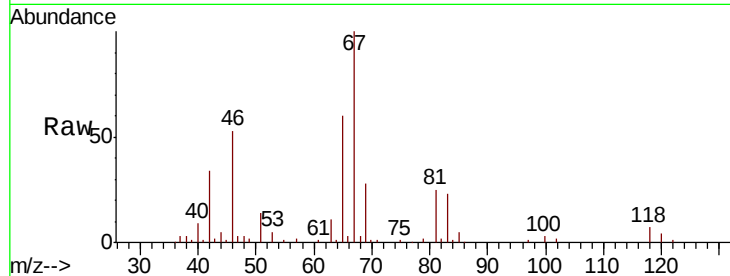




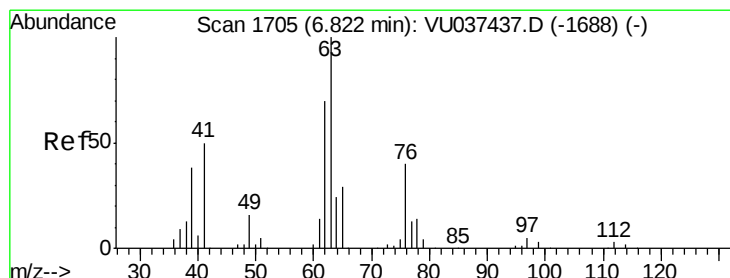
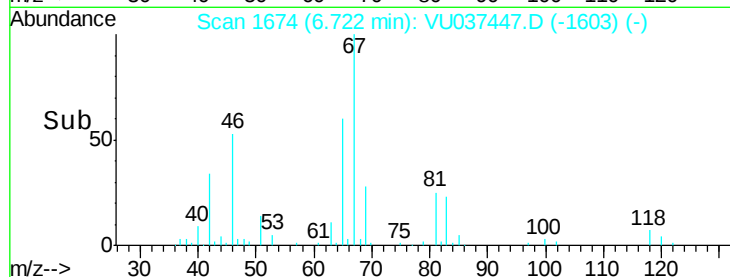
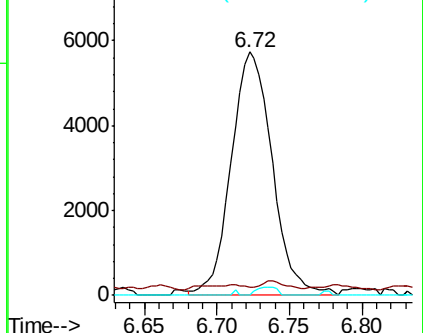
#35
Methvlcvclohexane
Concen: 0.848 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11317
Ion Ratio Lower Upper
83 100
55 0.5 64.2 96.4#
98 0.2 36.3 54.5#

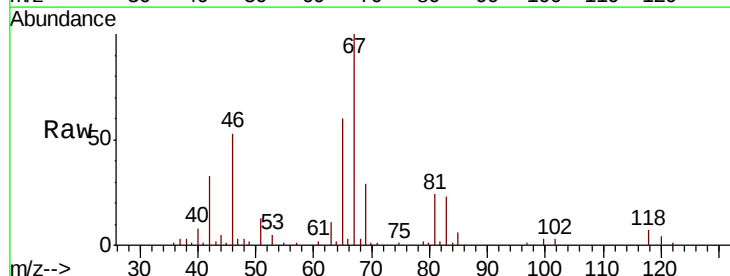


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

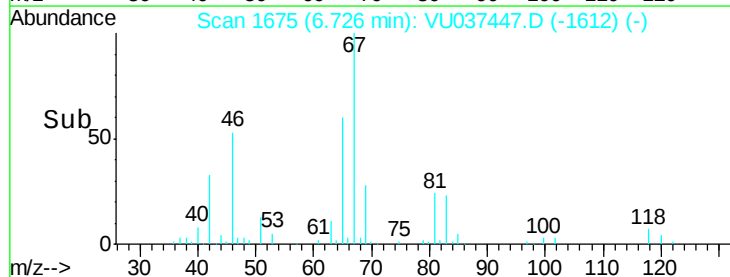
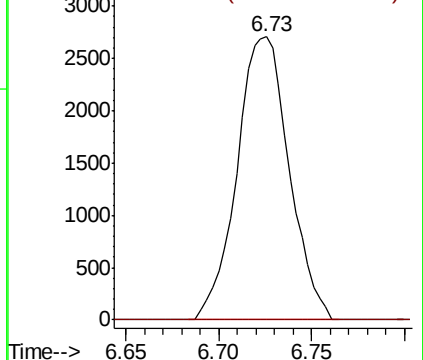


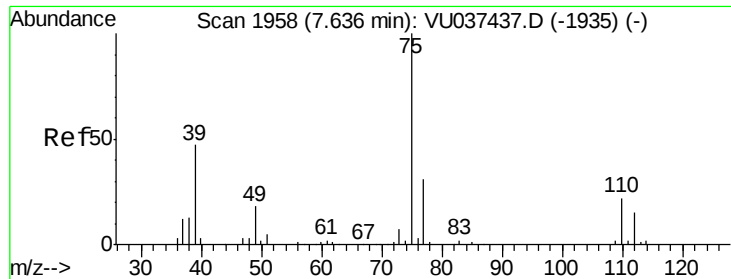
#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

Tgt Ion: 63 Resp: 5288
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



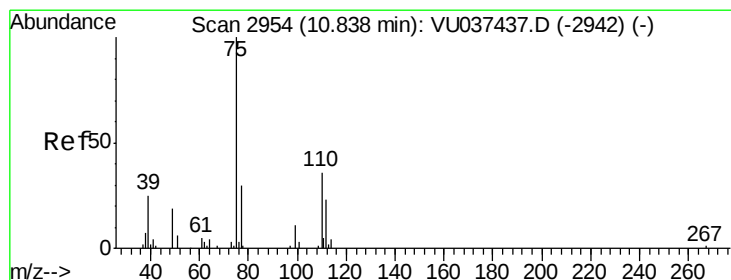
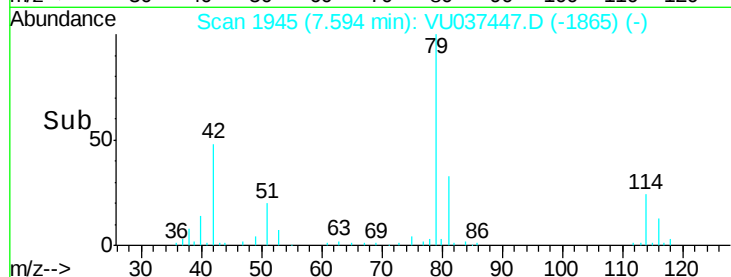
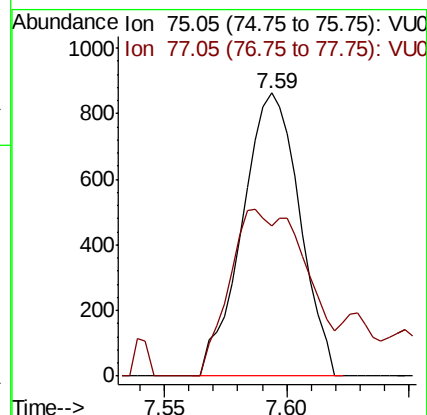
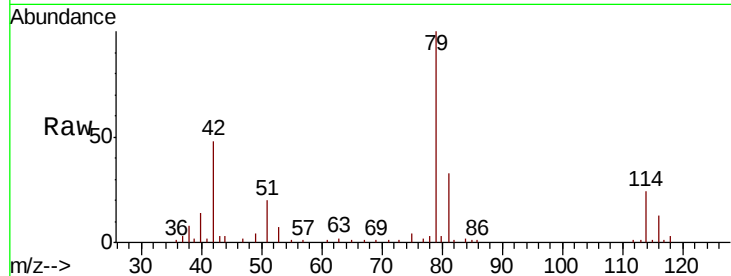


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 1409
Ion Ratio Lower Upper
75 100
77 53.3 21.1 39.3#



#59

1,2,3-Trichloropropane
Concen: 1.293 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037447.D
Acq: 29 Mar 2020 04:32

Tgt Ion: 75 Resp: 6883
Ion Ratio Lower Upper
75 100
77 42.8 27.4 41.2#

