

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039431.D
 Acq On : 10 Jul 2020 15:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	97176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44780	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	27177	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	27002	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	43584	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.66	46	118317	45.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	5.09	84	55495	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	34549	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	112888	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.71	67	37882	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	98407	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.19	79	14448	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	84084	41.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33436	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37503	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

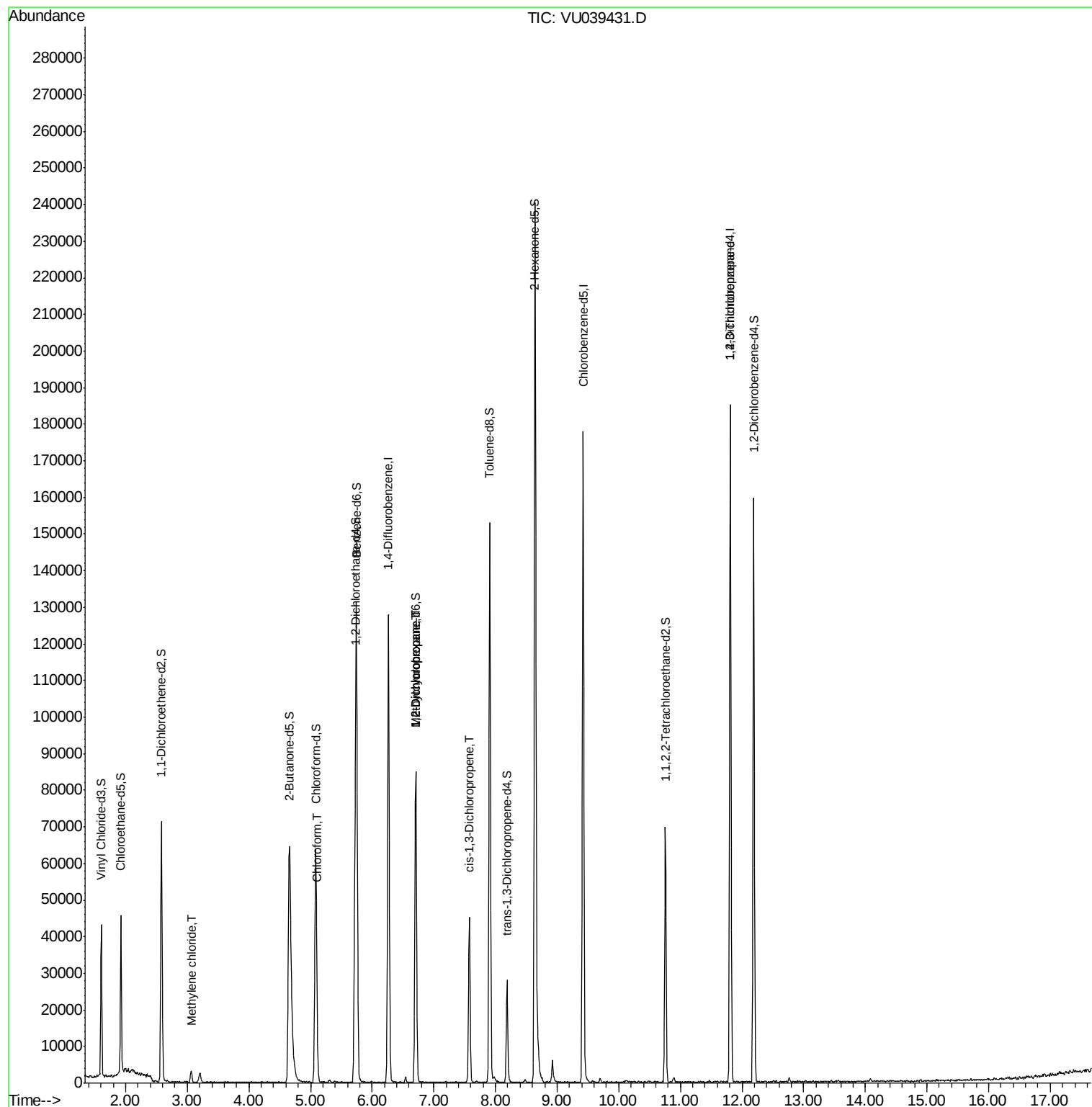
					Ovalue
16) Methylene chloride	3.06	84	1408	0.194 ug/L	96
25) Chloroform	5.11	83	2651	0.210 ug/L	92
35) Methylcyclohexane	6.71	83	8583	0.750 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4660	0.619 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1111	0.098 ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	6716	1.210 ug/L #	85

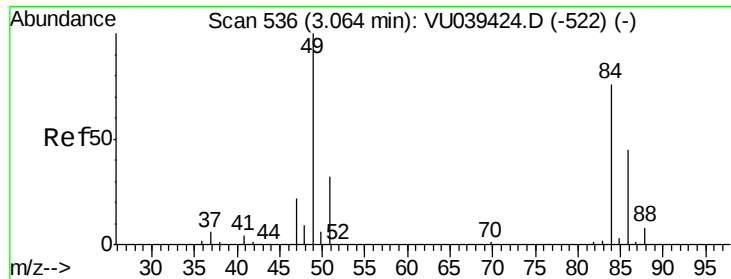
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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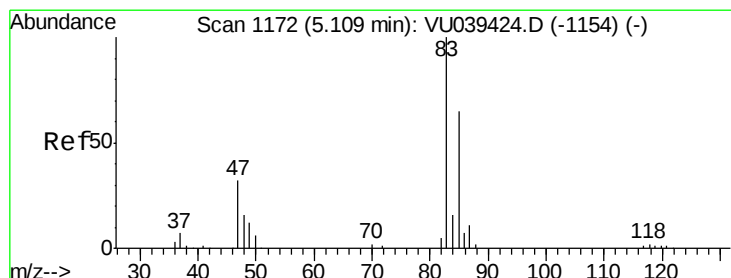
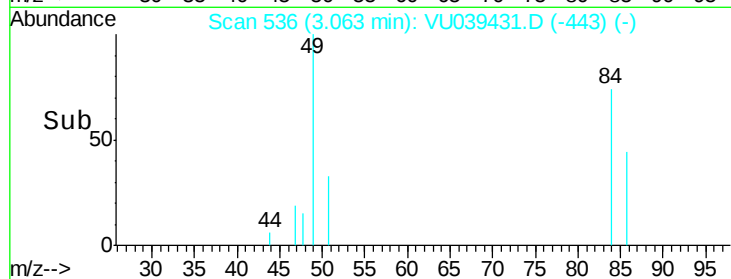
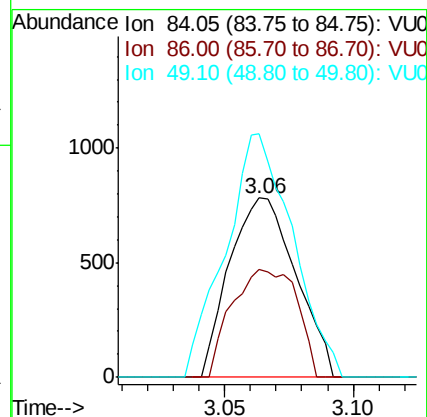
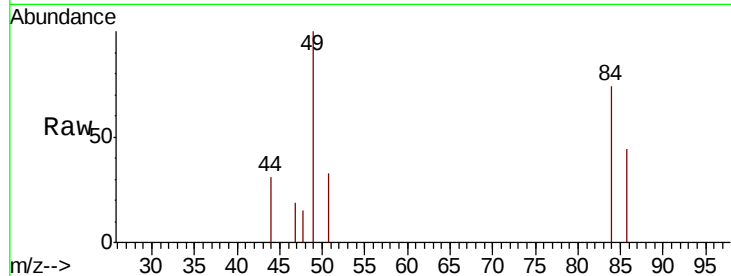




#16
Methylene chloride
Concen: 0.194 ug/L
RT: 3.06 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU039431.D
Acq: 10 Jul 2020 15:43

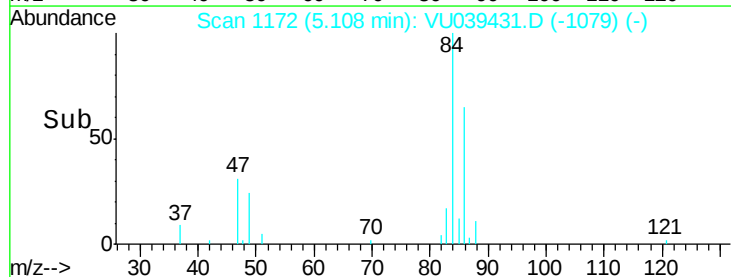
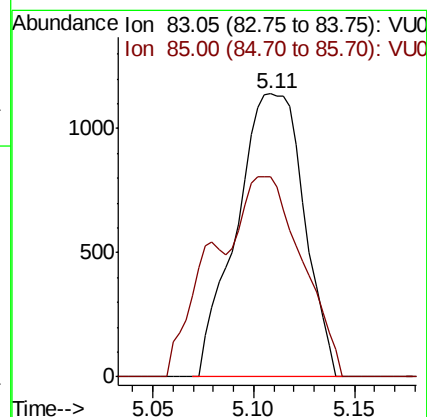
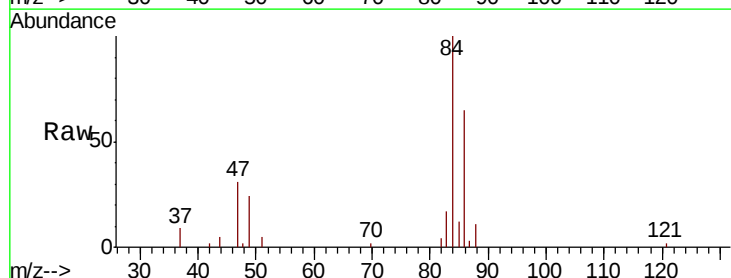
Instrument :
MSVOA_U
ClientSampled :

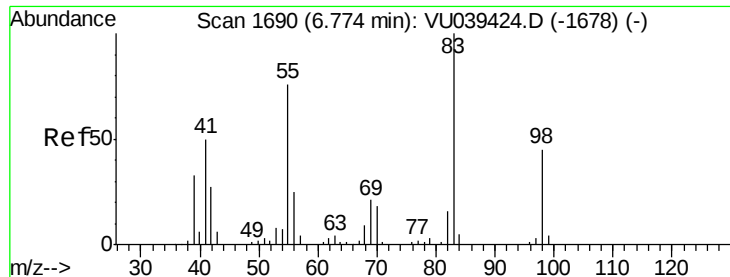
Tot Ion: 84 Resp: 1408
Ion Ratio Lower Upper
84 100
86 60.2 43.5 80.9
49 135.6 91.1 169.1



#25
Chloroform
Concen: 0.210 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039431.D
Acq: 10 Jul 2020 15:43

Tgt Ion: 83 Resp: 2651
Ion Ratio Lower Upper
83 100
85 70.5 44.9 83.5

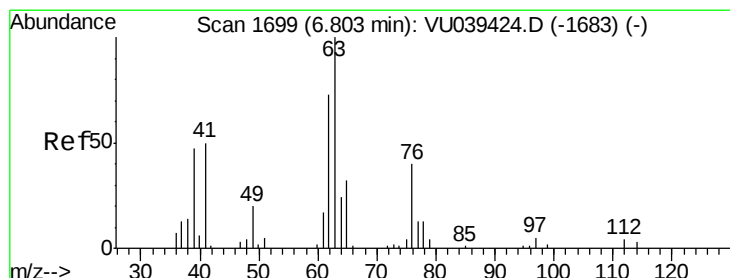
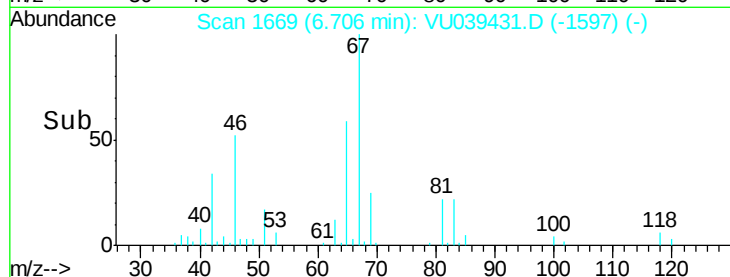
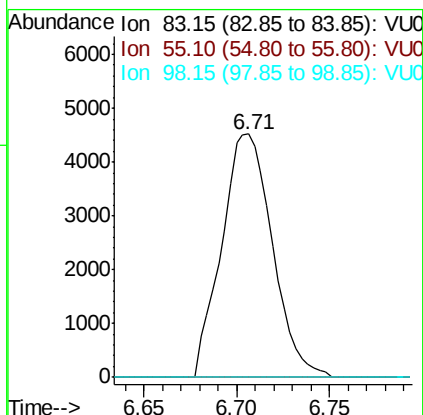
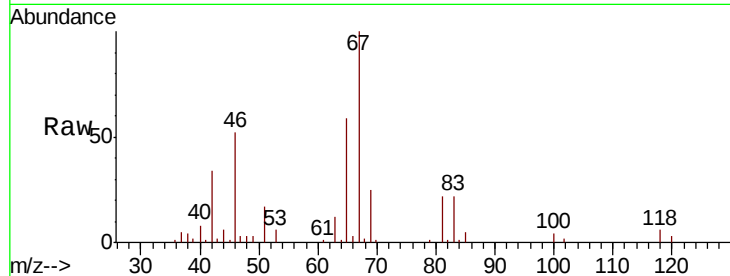




#35
Methvlcvclohexane
Concen: 0.750 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039431.D
Acq: 10 Jul 2020 15:43

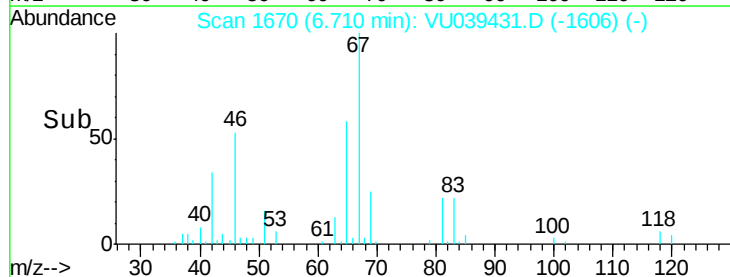
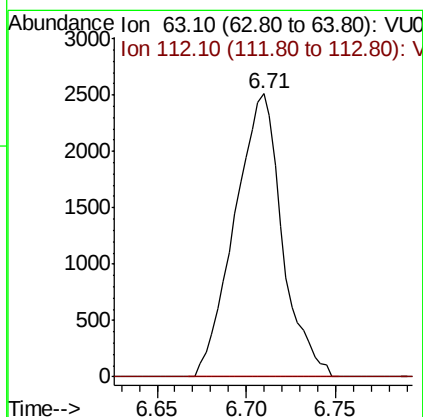
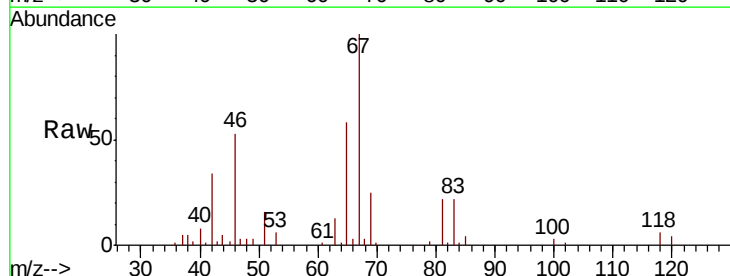
Instrument :
MSVOA_U
ClientSampleId :

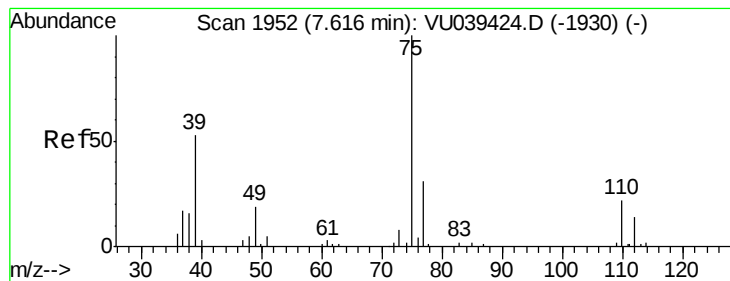
Tot Ion: 83 Resp: 8583
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU039431.D
Acq: 10 Jul 2020 15:43

Tgt Ion: 63 Resp: 4660
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



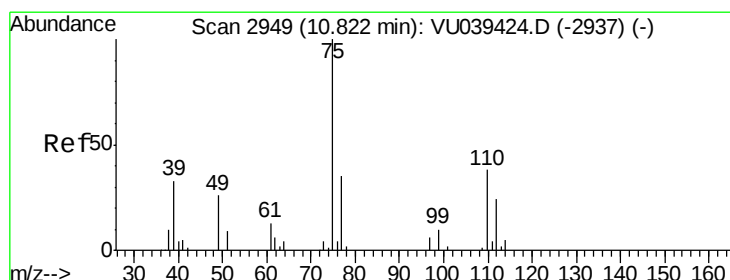
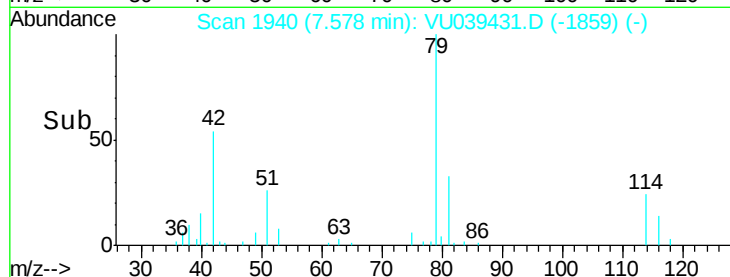
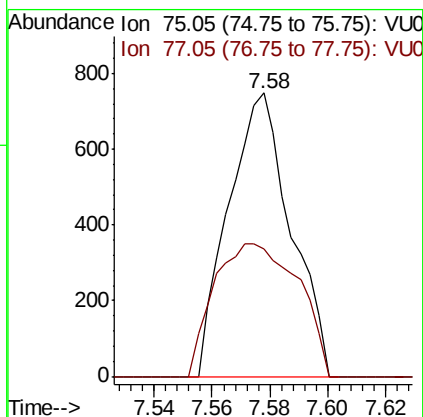
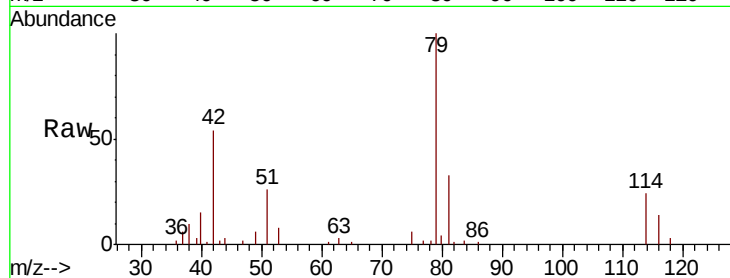


#39

cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039431.D
 Acq: 10 Jul 2020 15:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1111
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.3 41.3#



#59

1,2,3-Trichloropropane
 Concen: 1.210 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039431.D
 Acq: 10 Jul 2020 15:43

Tgt Ion: 75 Resp: 6716
 Ion Ratio Lower Upper
 75 100
 77 42.2 26.8 40.2#

