

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038444.D
 Acq On : 31 May 2020 03:56
 Operator : JC/MD
 Sample : L2787-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93395	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	73584	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	134711	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.69	46	331761	54.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.66%
24) Chloroform-d	5.10	84	178064	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	111160	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.76	84	361799	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	111522	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.92	98	292912	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	44337	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.66	63	274817	58.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98556	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	118708	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

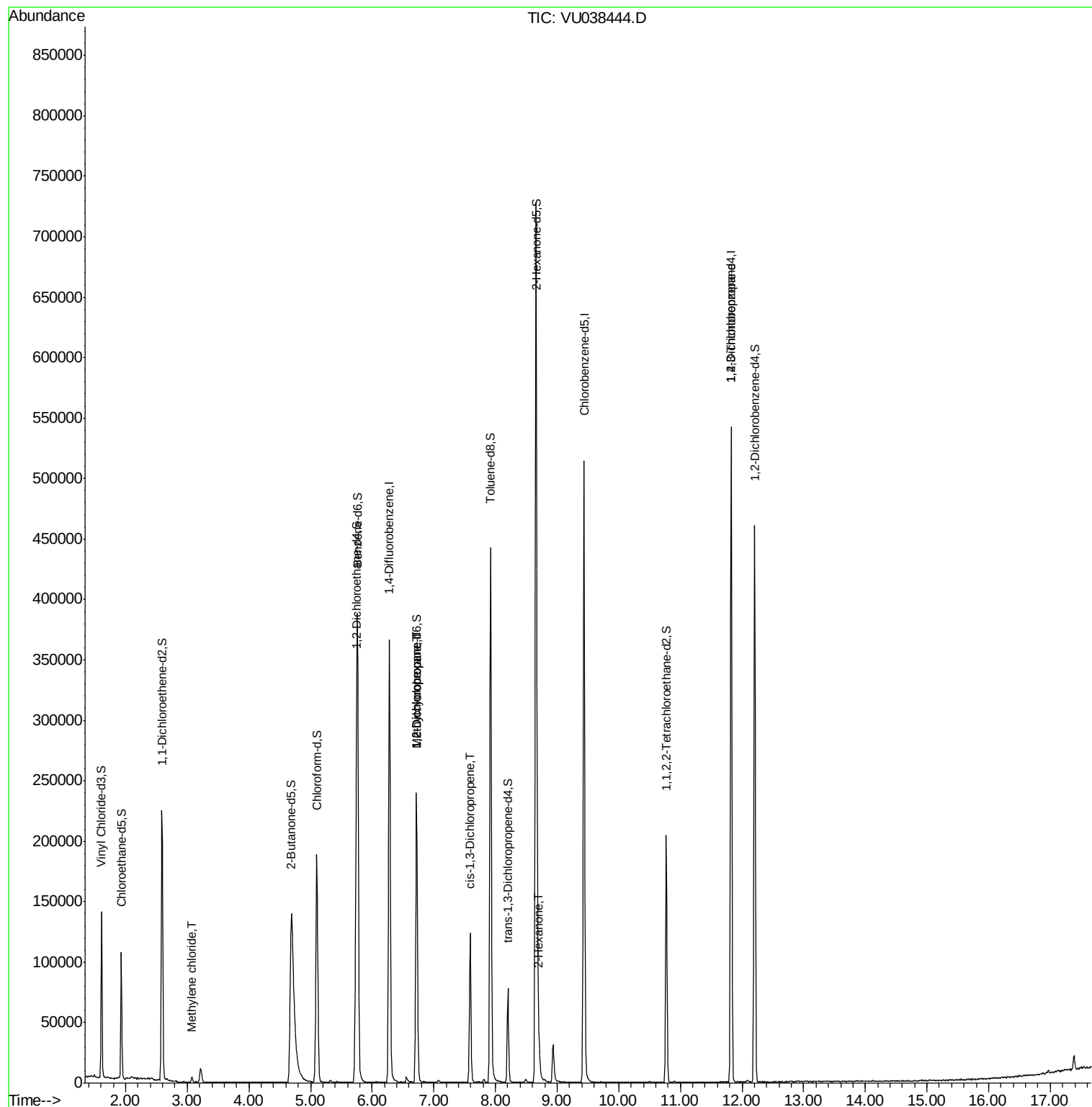
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	2029	0.095	ug/L	85
35) Methylcyclohexane	6.72	83	27066	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12399	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2816	0.094	ug/L #	53
48) 2-Hexanone	8.71	43	12694	1.157	ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	16945	1.120	ug/L #	88

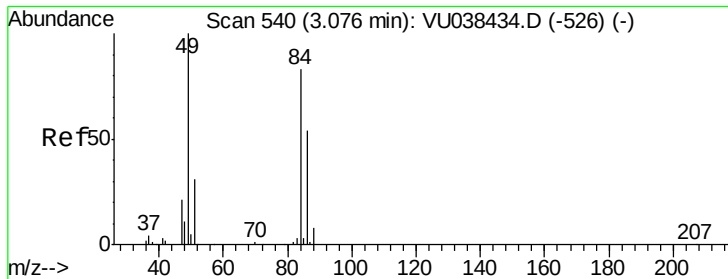
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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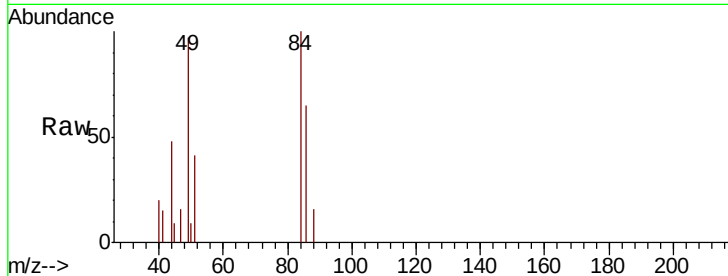




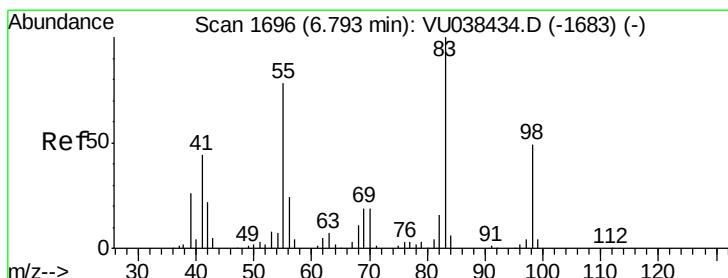
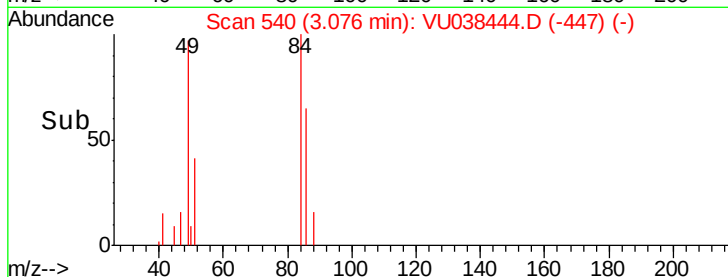
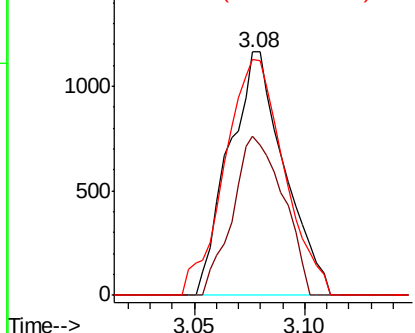
#16
Methylene chloride
Concen: 0.095 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038444.D
Acq: 31 May 2020 03:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2029
Ion Ratio Lower Upper
84 100
86 65.4 45.0 83.6
49 96.7 85.5 158.9

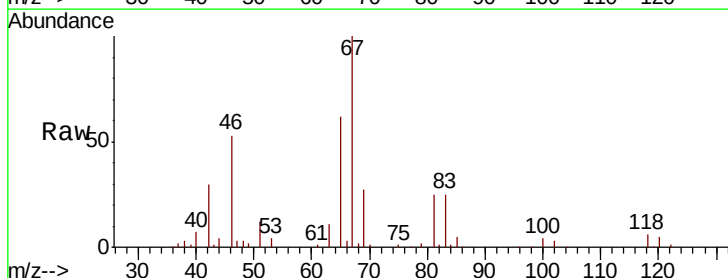


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

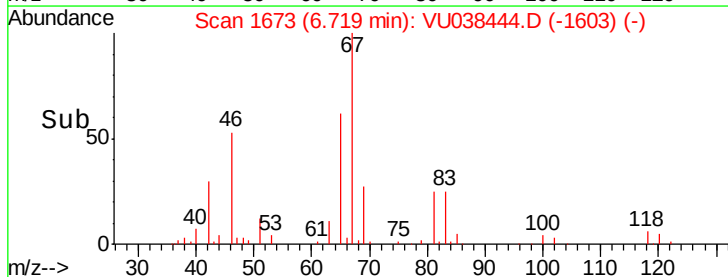
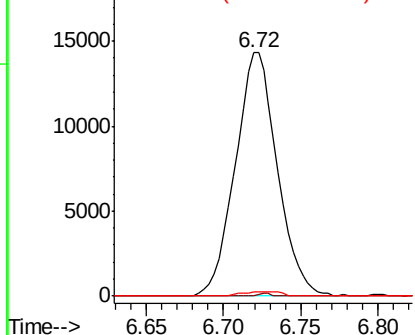


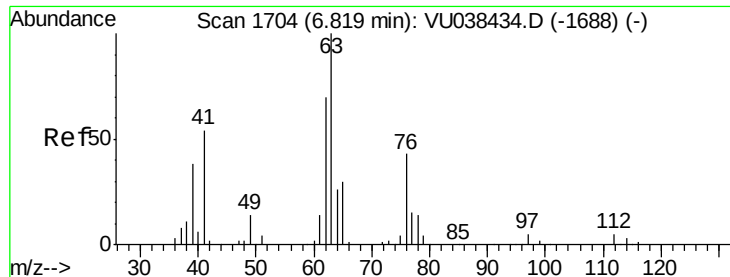
#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038444.D
Acq: 31 May 2020 03:56

Tgt Ion: 83 Resp: 27066
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.6 39.0 58.4#



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

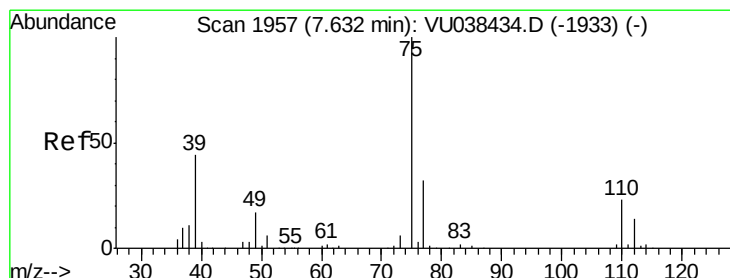
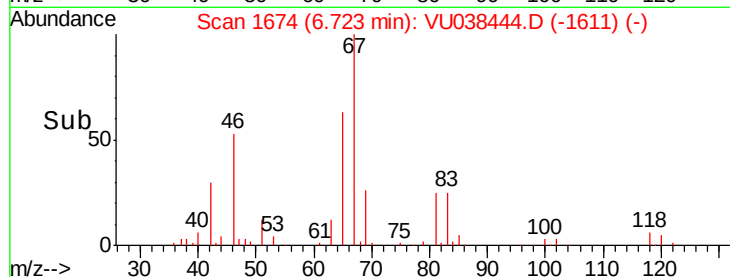
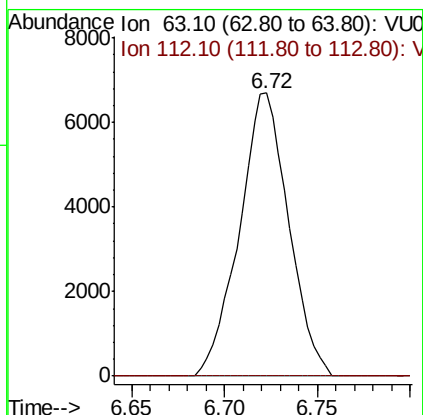
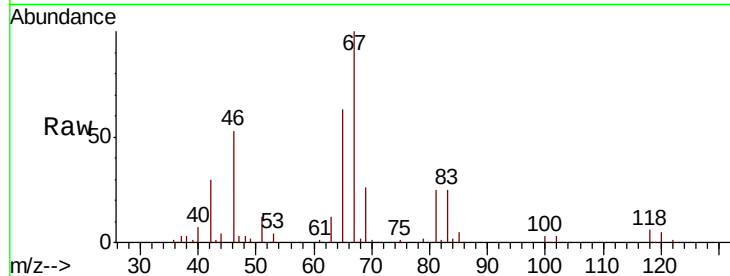




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038444.D
 Acq: 31 May 2020 03:56

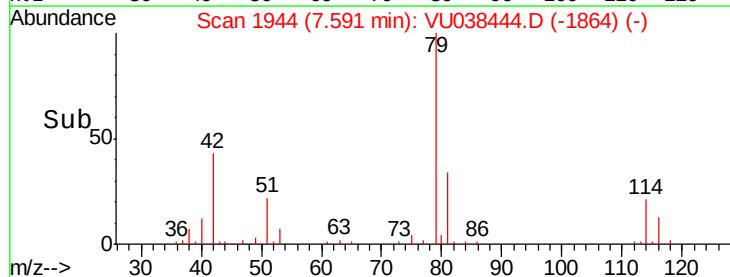
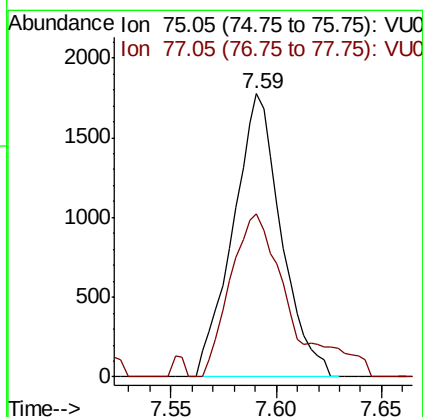
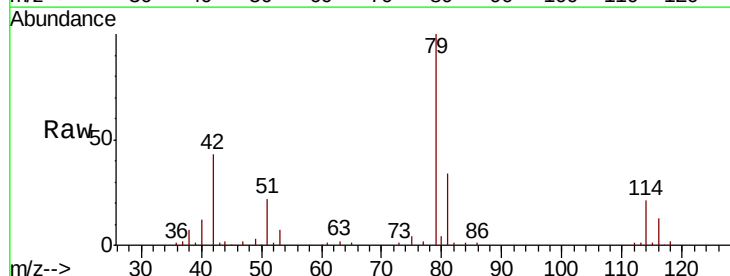
Instrument :
 MSVOA_U
 ClientSampleId :

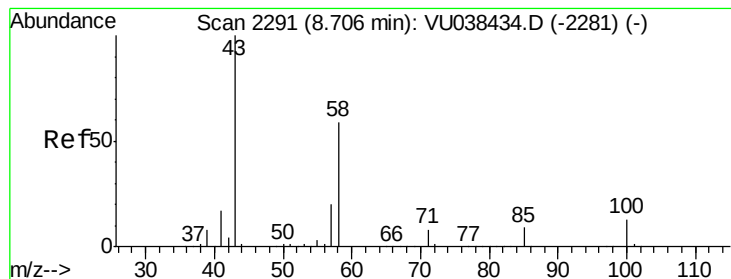
Tot Ion: 63 Resp: 12399
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038444.D
 Acq: 31 May 2020 03:56

Tgt Ion: 75 Resp: 2816
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.9 40.7#





#48

2-Hexanone

Concen: 1.157 ug/L

RT: 8.71 min Scan# 2291

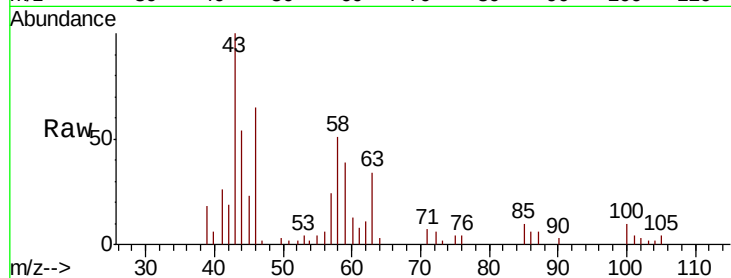
Delta R.T. 0.00 min

Lab File: VU038444.D

Acq: 31 May 2020 03:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	12694
Ion	Ratio	Lower	Upper
43	100		
58	56.1	45.4	68.0
57	28.9	15.9	23.9#
100	10.6	10.5	15.7

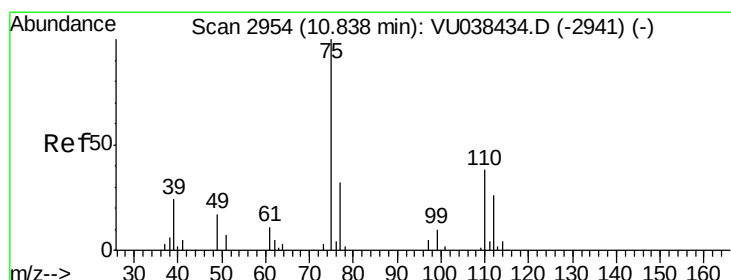
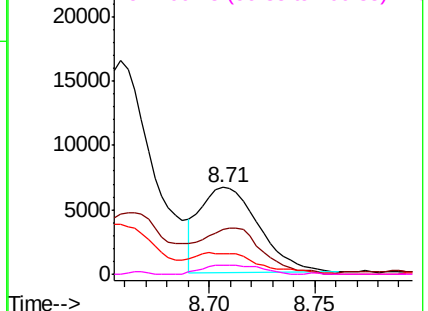
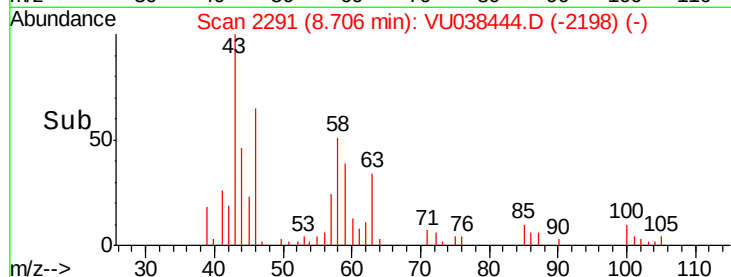


Abundance Ion 43.05 (42.75 to 43.75): VU038444.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VU038444.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VU038444.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VU038444.D (-2198) (-)



#59

1,2,3-Trichloropropane

Concen: 1.120 ug/L

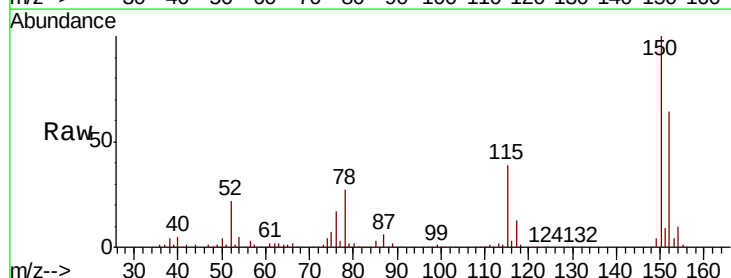
RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038444.D

Acq: 31 May 2020 03:56

Tgt Ion:	75	Resp:	16945
Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.4	38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038444.D (-2332) (-)

Ion 77.00 (76.70 to 77.70): VU038444.D (-2332) (-)

