

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037446.D
 Acq On : 29 Mar 2020 04:08
 Operator : JC/MD
 Sample : L2001-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:16:00 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	110687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	103772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35674	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	29600	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	53816	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	98731	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	5.10	84	61835	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	40789	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	140720	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.72	67	46565	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	132462	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	20429	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.66	63	91205	49.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37290	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	46792	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

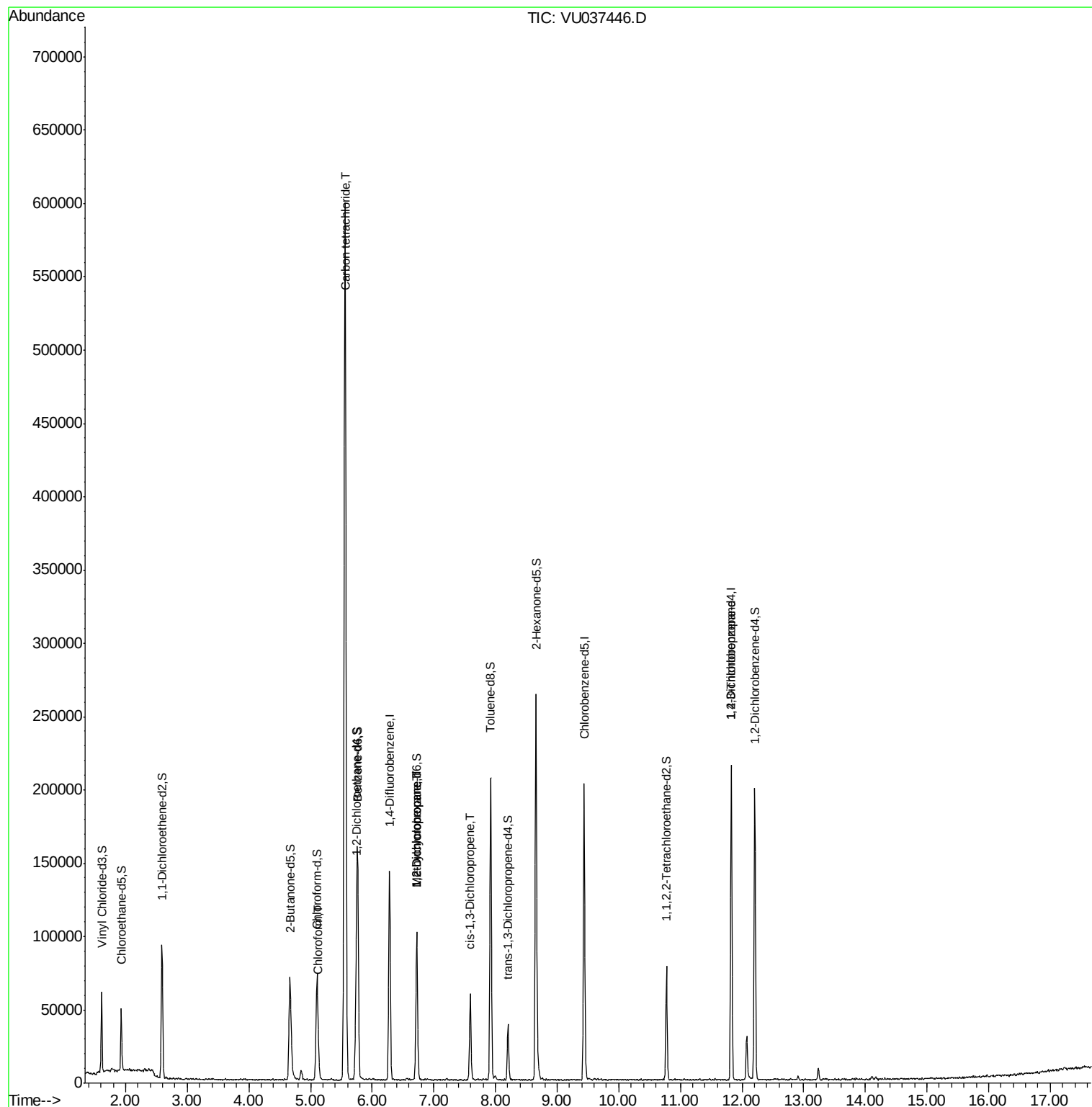
					Ovalue
25) Chloroform	5.13	83	11354	0.759 ug/L	92
31) Carbon tetrachloride	5.56	117	398902	35.421 ug/L	98
35) Methylcyclohexane	6.72	83	11245	0.812 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5618	0.707 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1487	0.115 ug/L #	51
59) 1,2,3-Trichloropropane	11.83	75	7191	1.301 ug/L	91

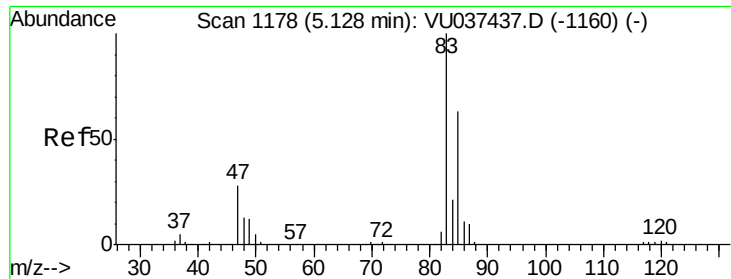
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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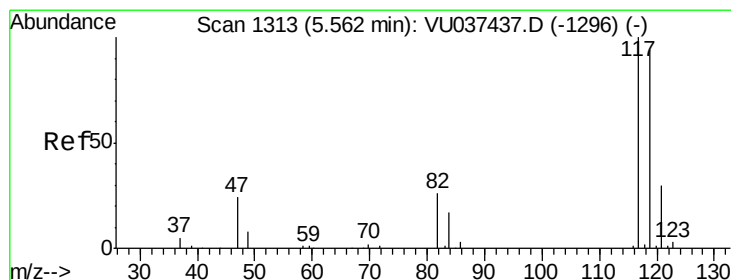
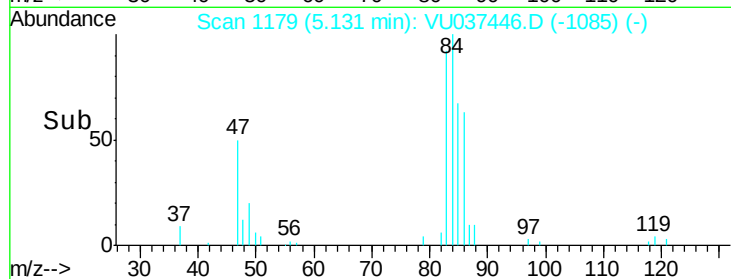
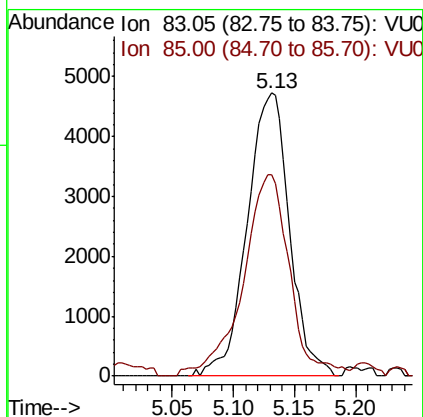
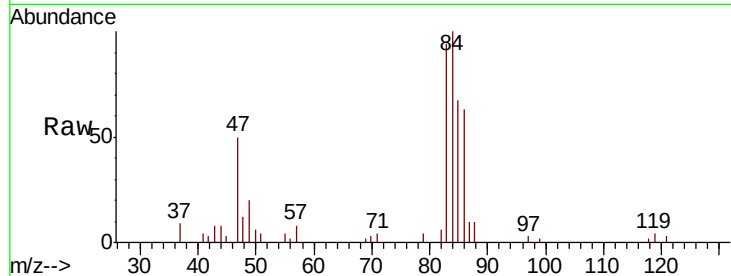




#25
Chloroform
Concen: 0.759 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037446.D
Acq: 29 Mar 2020 04:08

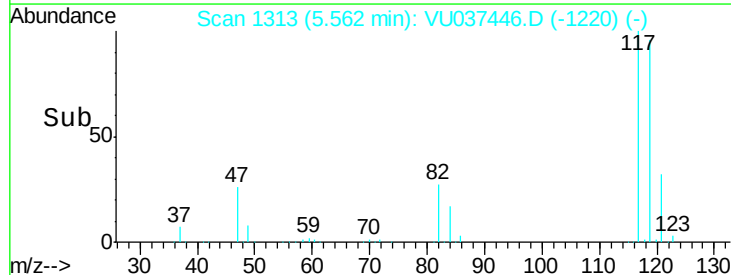
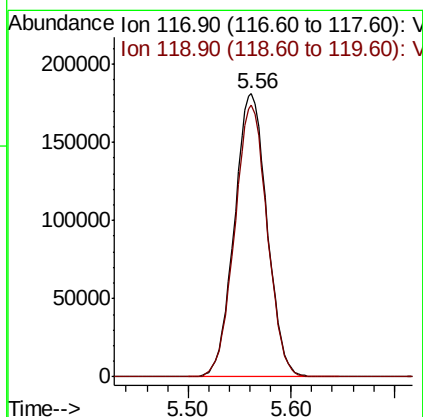
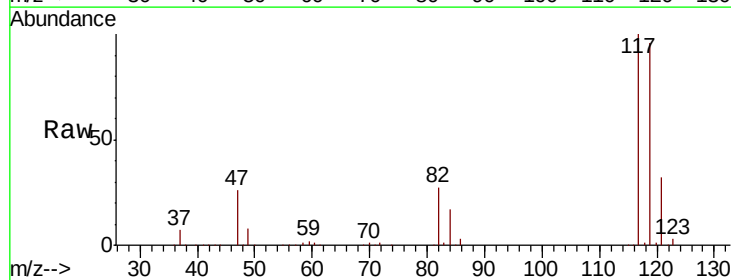
Instrument :
MSVOA_U
ClientSampleId :

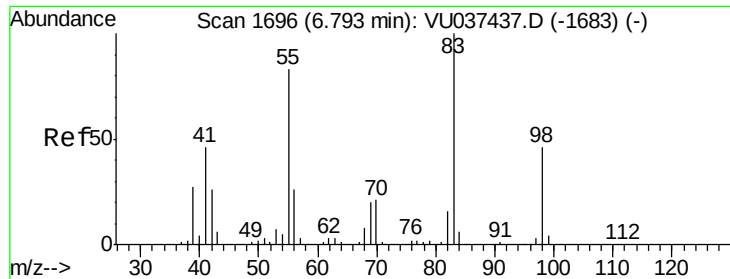
Tot Ion: 83 Resp: 11354
Ion Ratio Lower Upper
83 100
85 71.3 45.4 84.4



#31
Carbon tetrachloride
Concen: 35.421 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037446.D
Acq: 29 Mar 2020 04:08

Tgt Ion: 117 Resp: 398902
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5

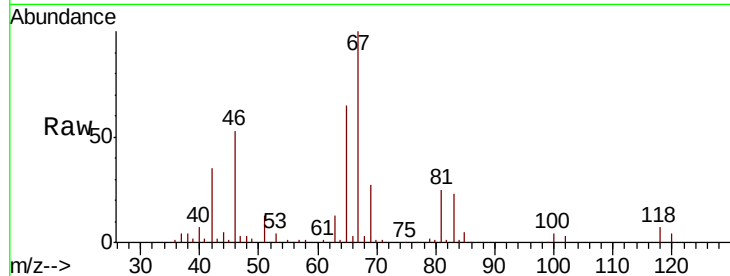




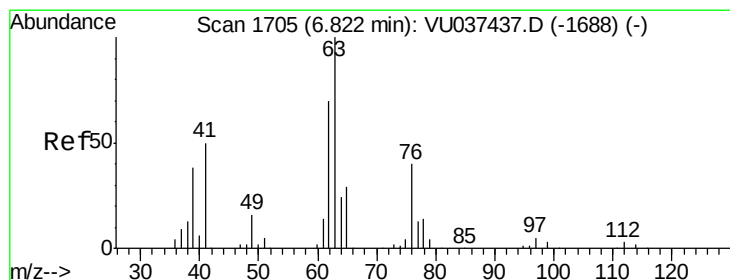
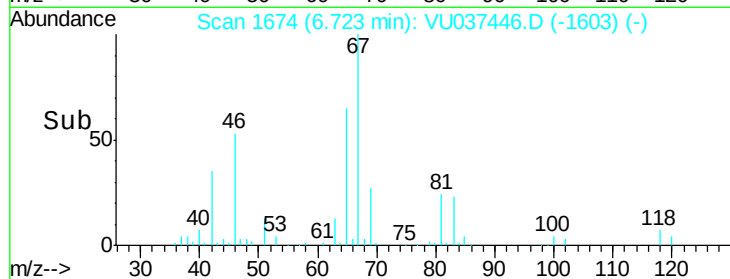
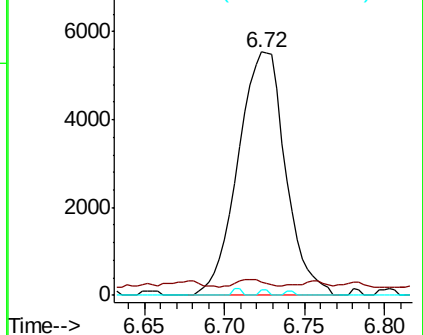
#35
Methylvlcyclohexane
Concen: 0.812 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037446.D
Acq: 29 Mar 2020 04:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11245
Ion Ratio Lower Upper
83 100
55 2.4 64.2 96.4#
98 0.4 36.3 54.5#

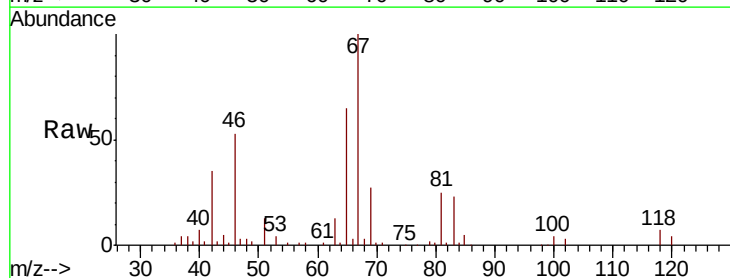


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

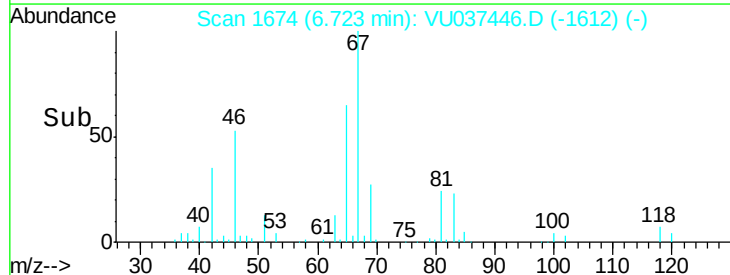
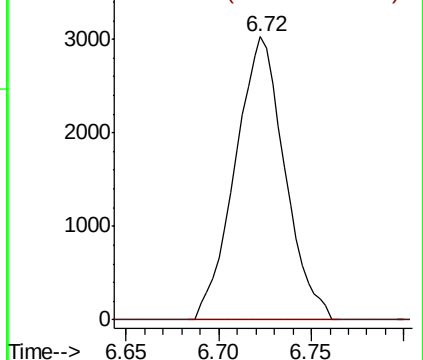


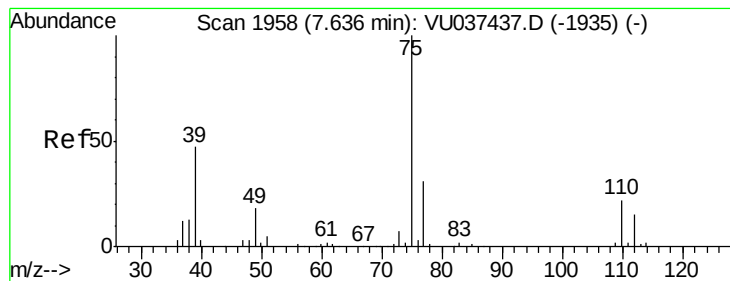
#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037446.D
Acq: 29 Mar 2020 04:08

Tgt Ion: 63 Resp: 5618
Ion Ratio Lower Upper
63 100
112 0.0 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: 0.115 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037446.D

Acq: 29 Mar 2020 04:08

Instrument :

MSVOA_U

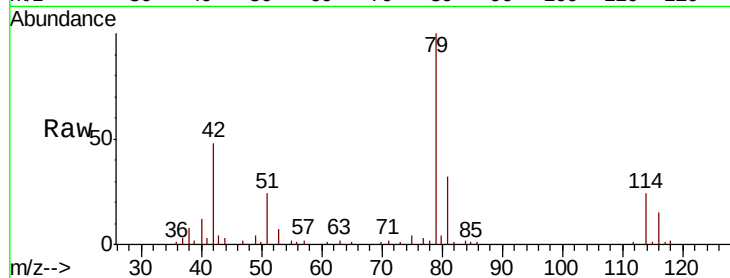
ClientSampleId :

Tot Ion: 75 Resp: 1487

Ion Ratio Lower Upper

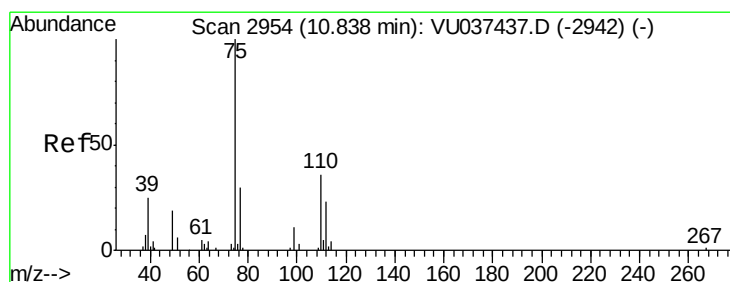
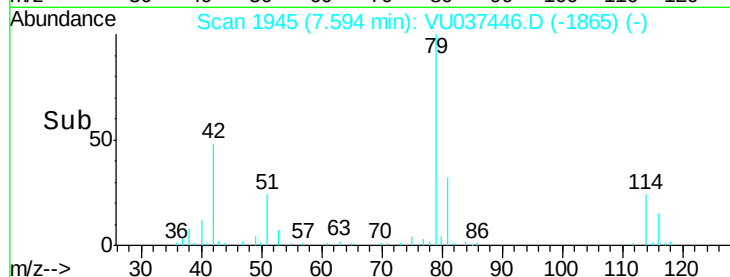
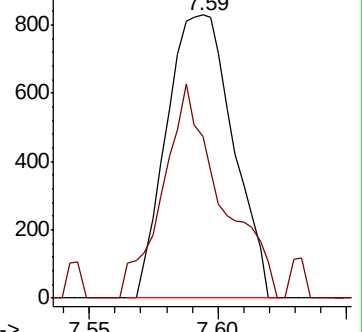
75 100

77 56.9 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.301 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037446.D

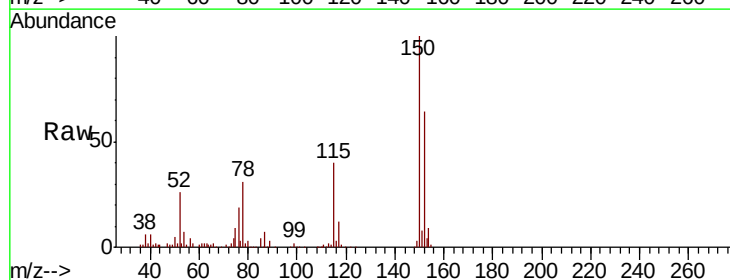
Acq: 29 Mar 2020 04:08

Tgt Ion: 75 Resp: 7191

Ion Ratio Lower Upper

75 100

77 39.4 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

