

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037395.D
 Acq On : 28 Mar 2020 01:33
 Operator : JC/MD
 Sample : L1975-20 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 06:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248939	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	234602	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77782	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.42%
7) Chloroethane-d5	1.93	69	62896	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	120866	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.67	46	138203	96.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.30%
24) Chloroform-d	5.10	84	158808	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.74	65	110664	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
32) Benzene-d6	5.76	84	320951	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
36) 1,2-Dichloropropane-d6	6.72	67	105966	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.92	98	311669	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%
43) trans-1,3-Dichloropropene-	8.20	79	58763	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.65	63	110513	92.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151736	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	127573	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

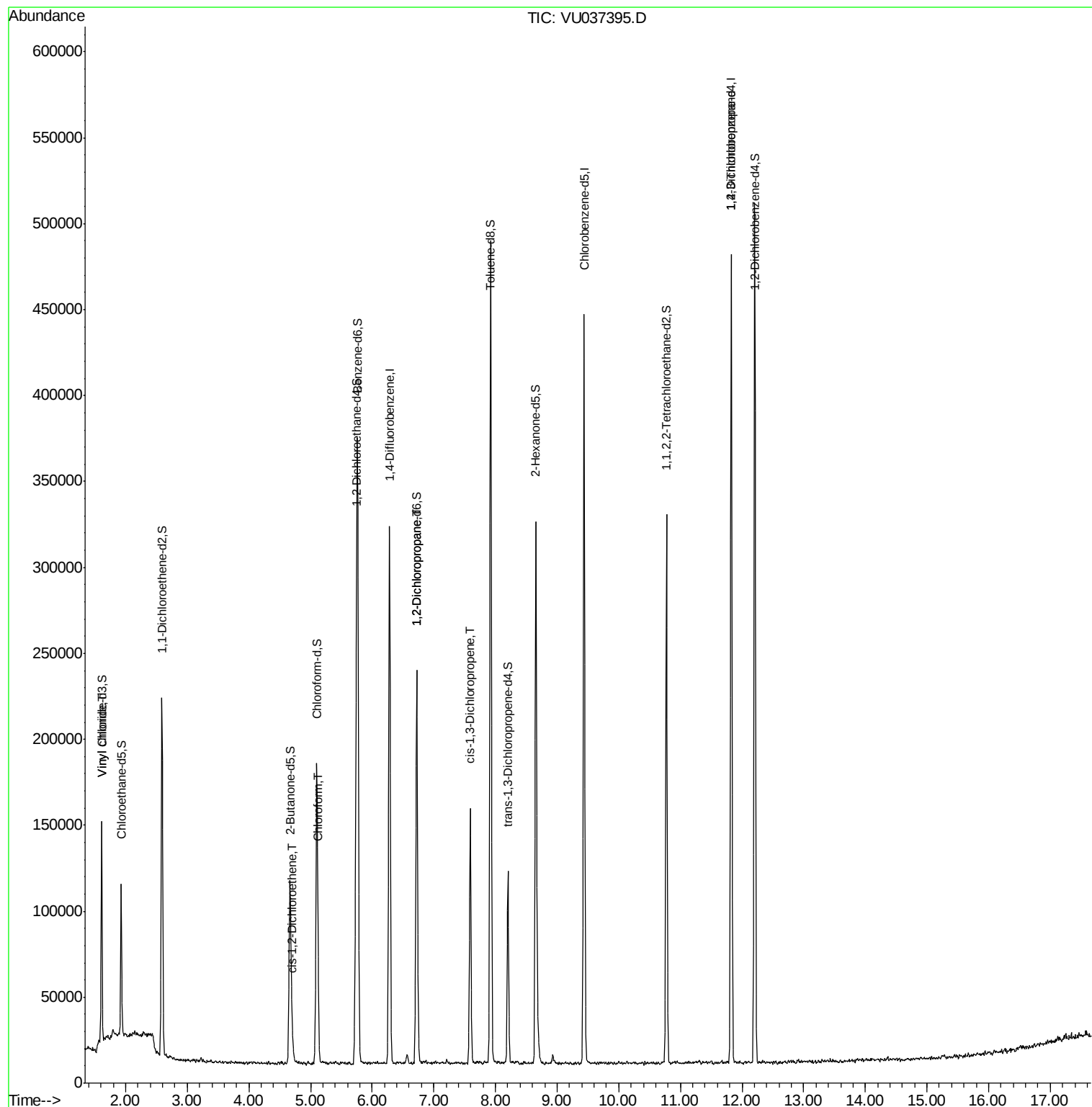
					Ovalue
5) Vinyl chloride	1.62	62	6847	3.107 ug/L #	79
20) cis-1,2-Dichloroethene	4.71	96	4451	1.986 ug/L #	91
25) Chloroform	5.13	83	4361	1.142 ug/L	81
37) 1,2-Dichloropropane	6.72	63	12423	5.654 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	4379	1.184 ug/L #	81
59) 1,2,3-Trichloropropane	11.83	75	15056	4.982 ug/L	89

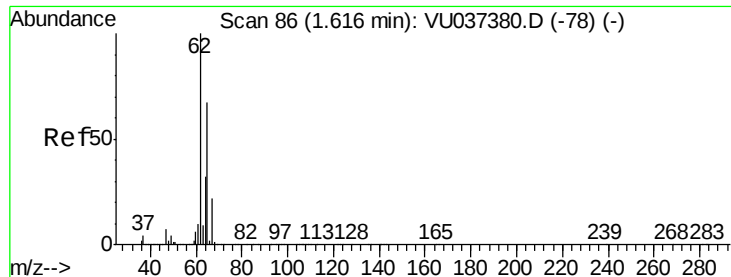
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 01:55:20 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.107 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037395.D

Acq: 28 Mar 2020 01:33

Instrument :

MSVOA_U

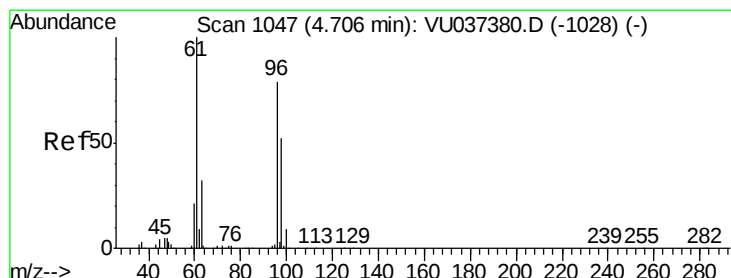
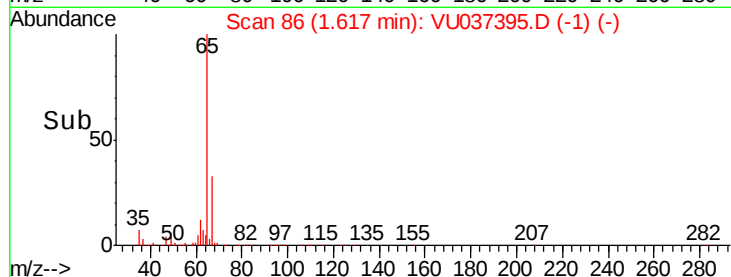
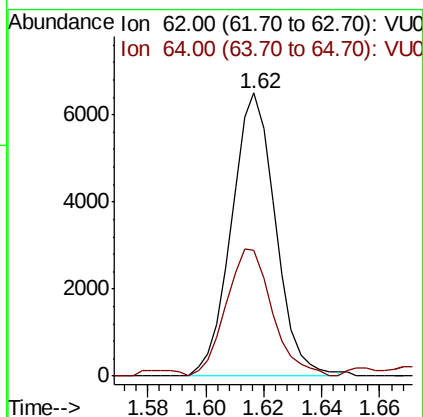
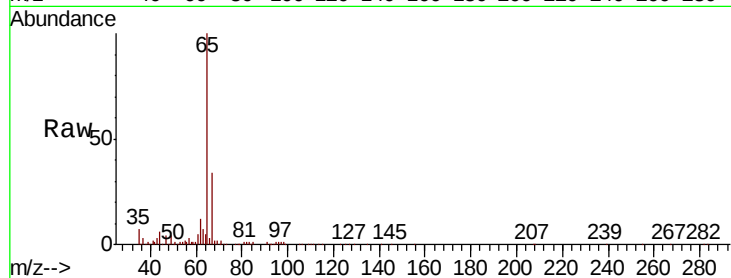
ClientSampled :

Tot Ion: 62 Resp: 6847

Ion Ratio Lower Upper

62 100

64 44.5 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 1.986 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037395.D

Acq: 28 Mar 2020 01:33

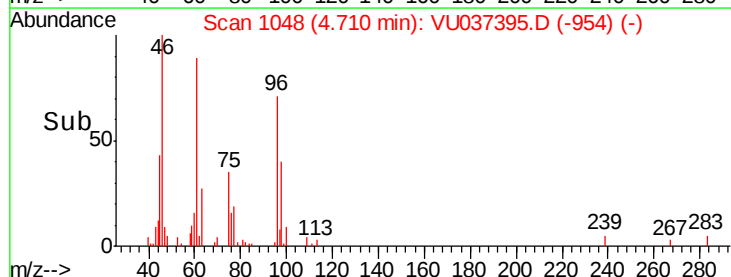
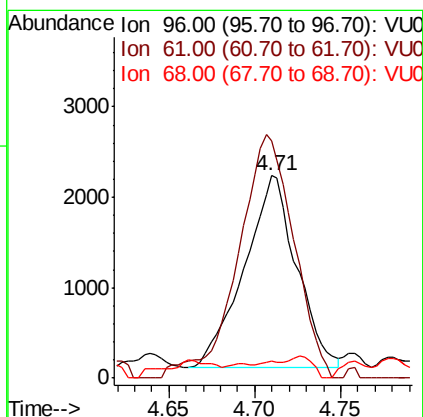
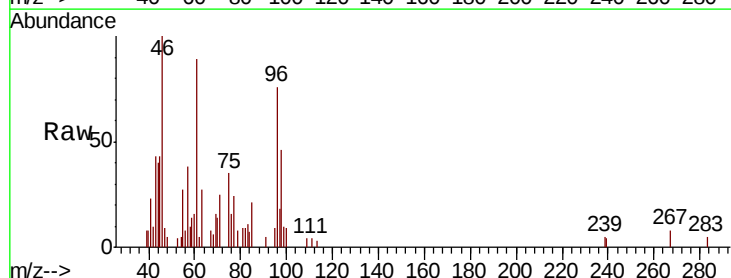
Tgt Ion: 96 Resp: 4451

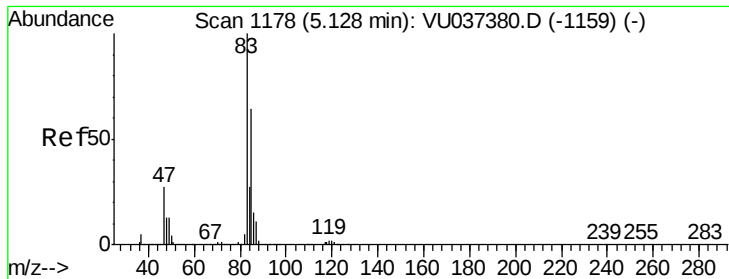
Ion Ratio Lower Upper

96 100

61 117.4 89.4 166.0

68 8.4 0.3 0.7#





#25

Chloroform

Concen: 1.142 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037395.D

Acq: 28 Mar 2020 01:33

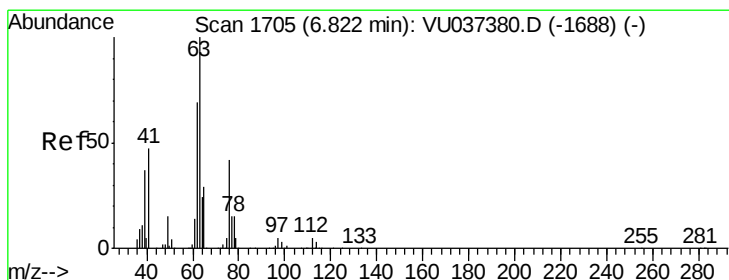
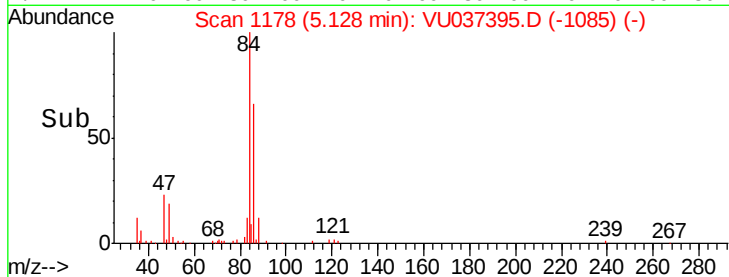
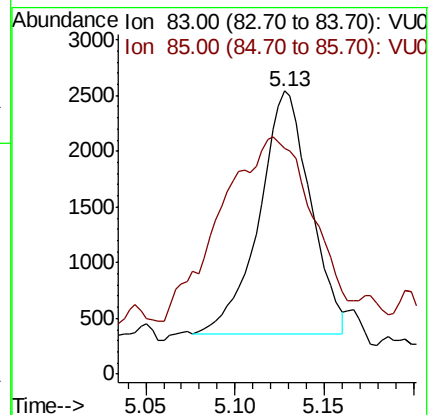
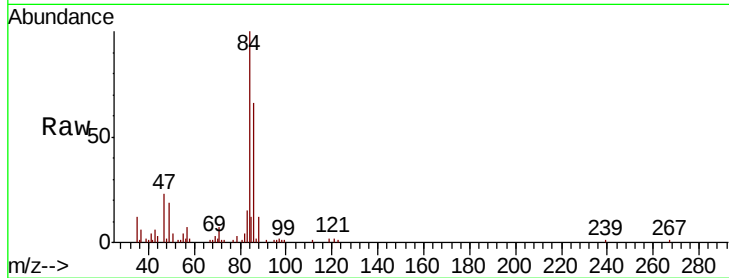
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 4361

Ion Ratio Lower Upper

83 100

85 79.6 45.1 83.7



#37

1,2-Dichloropropane

Concen: 5.654 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037395.D

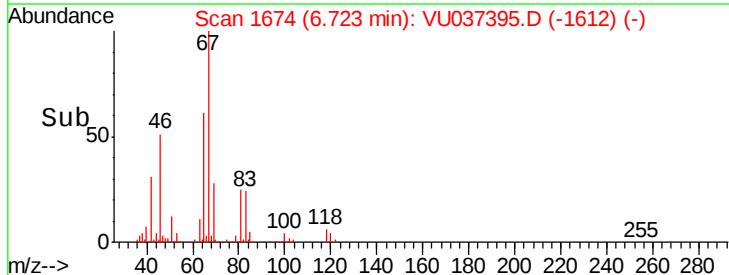
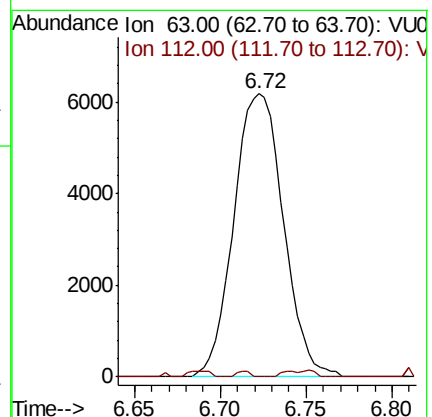
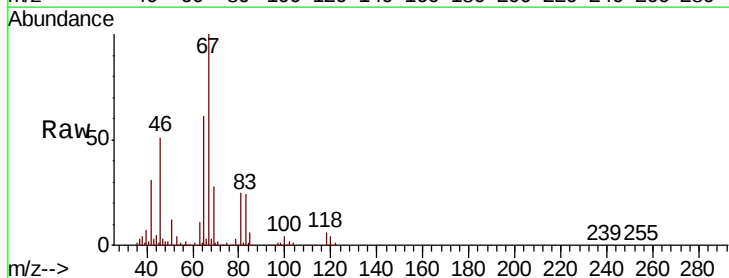
Acq: 28 Mar 2020 01:33

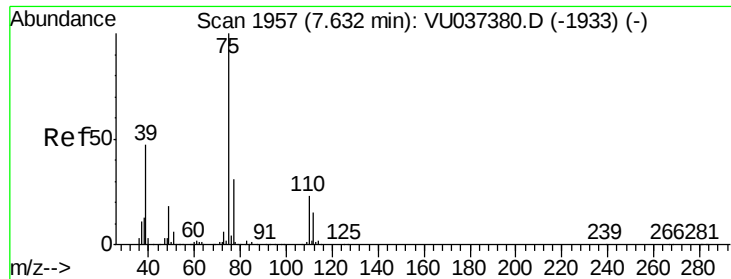
Tgt Ion: 63 Resp: 12423

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 1.184 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037395.D

Acq: 28 Mar 2020 01:33

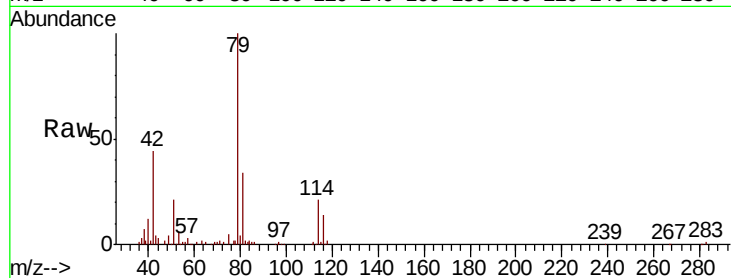
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 4379

Ion Ratio Lower Upper

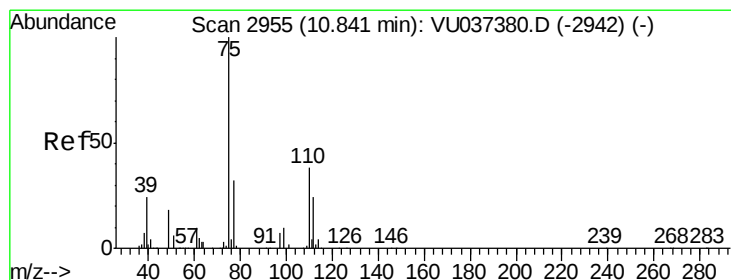
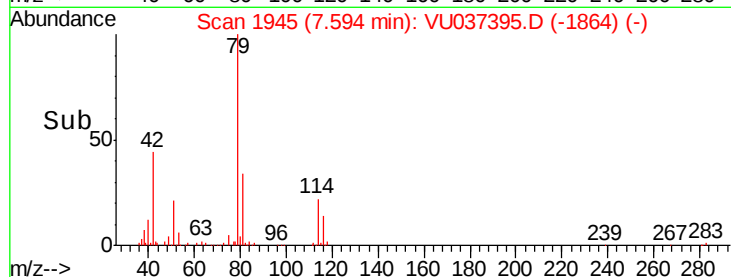
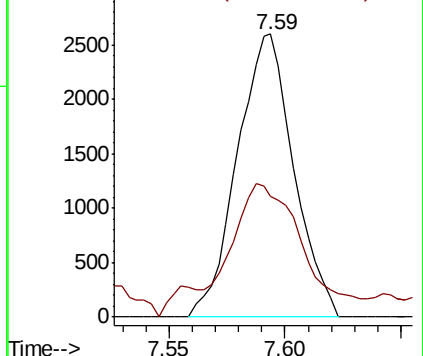
75 100

77 42.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.982 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037395.D

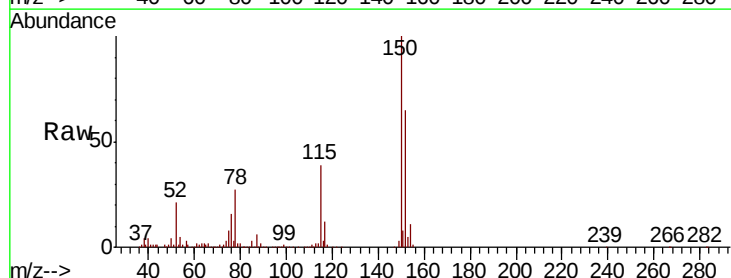
Acq: 28 Mar 2020 01:33

Tgt Ion: 75 Resp: 15056

Ion Ratio Lower Upper

75 100

77 38.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

