

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037427.D
 Acq On : 28 Mar 2020 19:26
 Operator : JC/MD
 Sample : L2002-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	114713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	109312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56501	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38101	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	32616	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	59813	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.67	46	111913	48.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	5.10	84	76927	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.74	65	43657	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.76	84	155324	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	50224	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	145508	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	22659	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	95976	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40440	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	54470	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

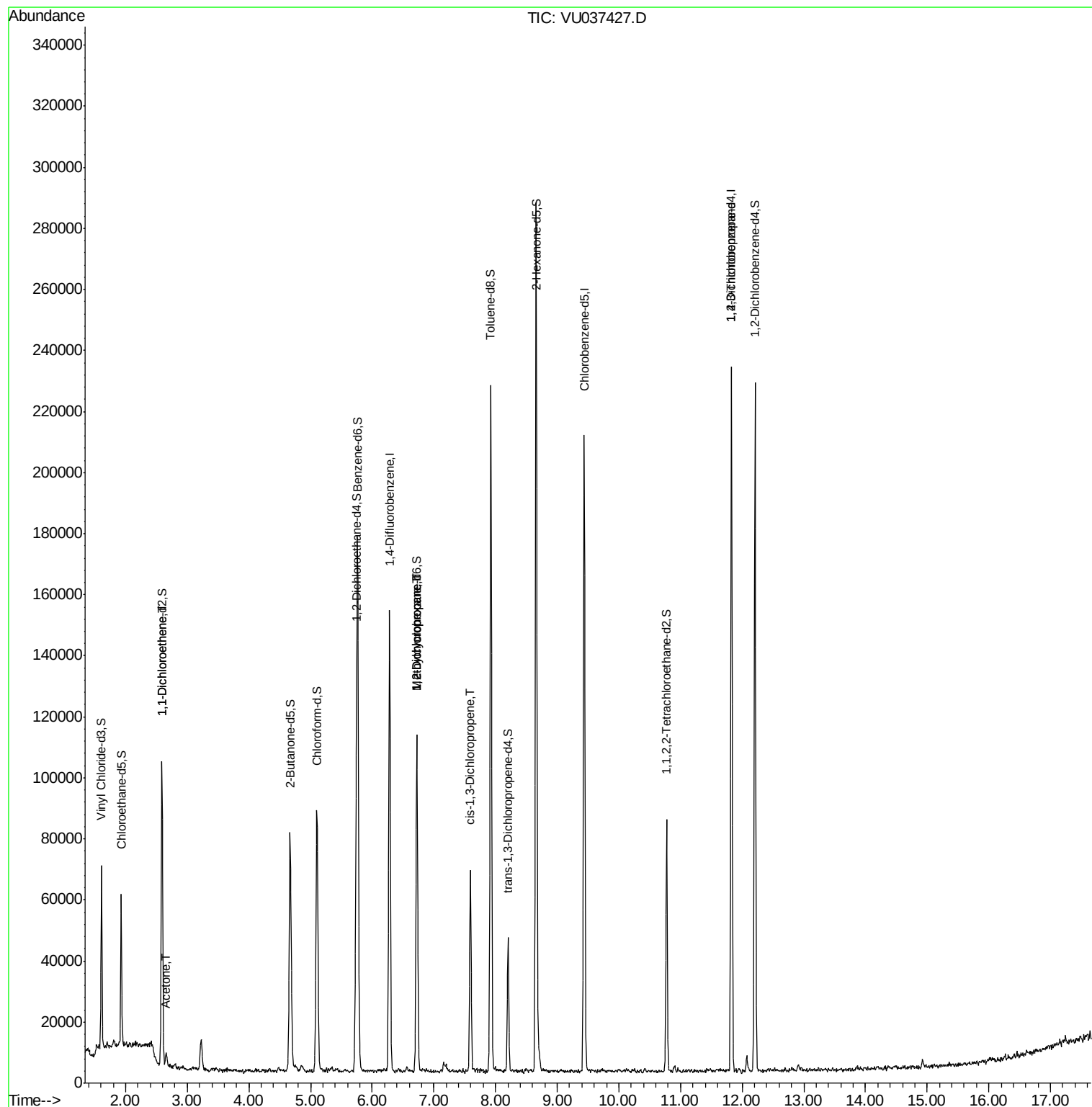
					Ovalue
12) 1,1-Dichloroethene	2.59	96	581	0.077 ug/L #	1
13) Acetone	2.66	43	5632	4.247 ug/L	94
35) Methylcyclohexane	6.73	83	11992	0.822 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	5850	0.699 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1557	0.114 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	7828	1.345 ug/L #	88

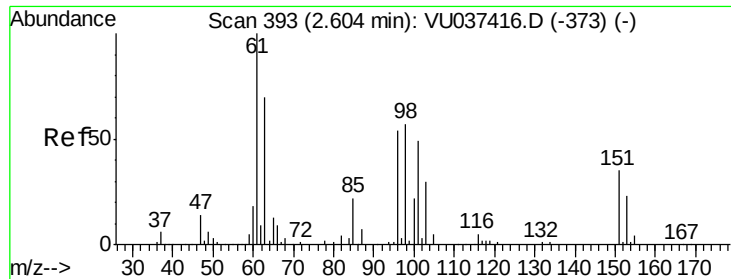
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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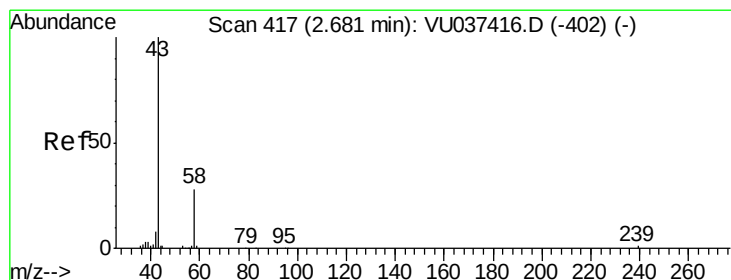
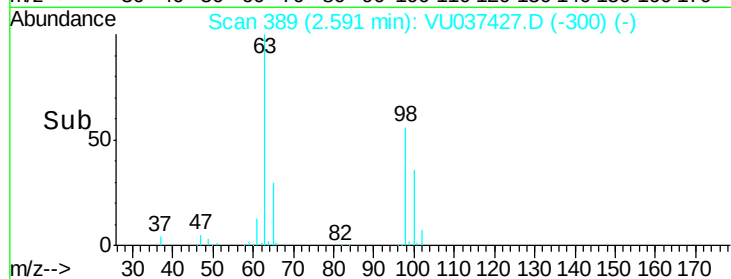
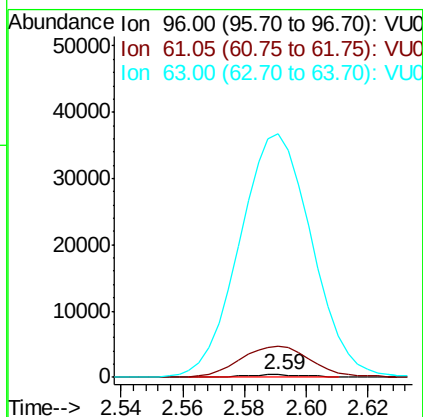
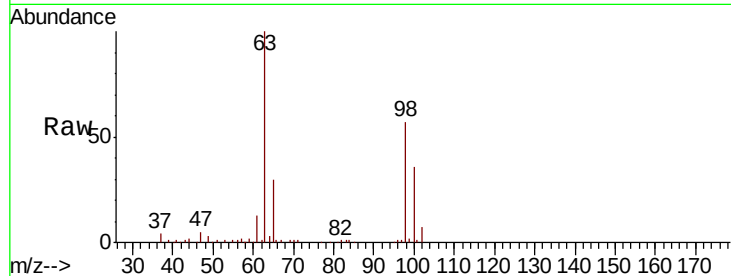




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037427.D
 Acq: 28 Mar 2020 19:26

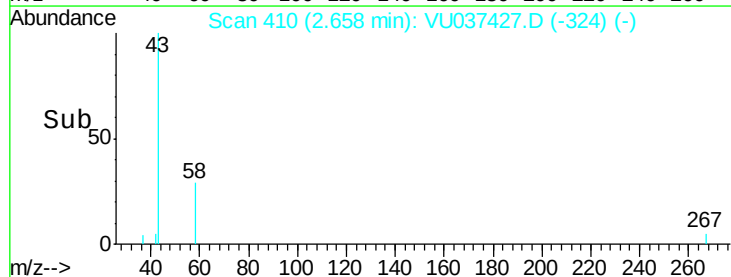
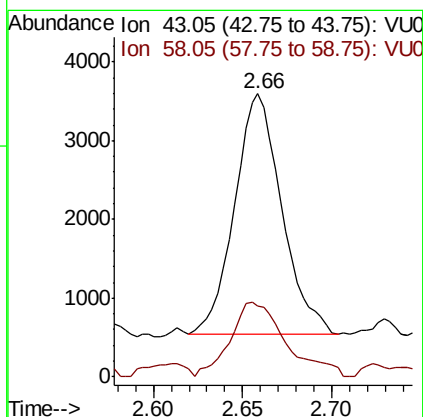
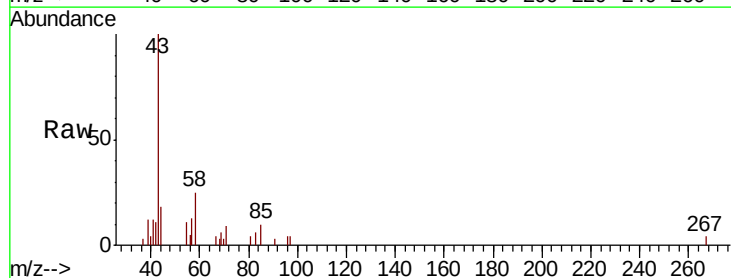
Instrument :
 MSVOA_U
 ClientSampleId :

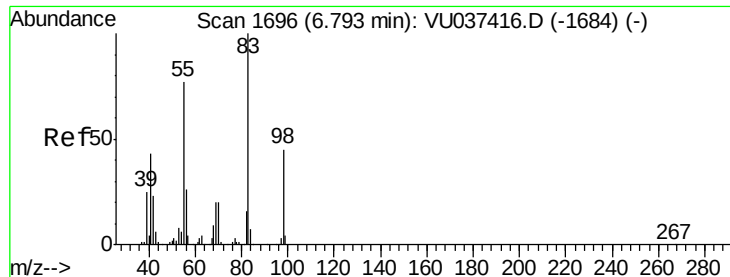
Tot Ion: 96 Resp: 581
 Ion Ratio Lower Upper
 96 100
 61 1255.8 125.4 232.8#
 63 9901.9 90.9 168.7#



#13
 Acetone
 Concen: 4.247 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: VU037427.D
 Acq: 28 Mar 2020 19:26

Tgt Ion: 43 Resp: 5632
 Ion Ratio Lower Upper
 43 100
 58 36.6 0.0 66.0

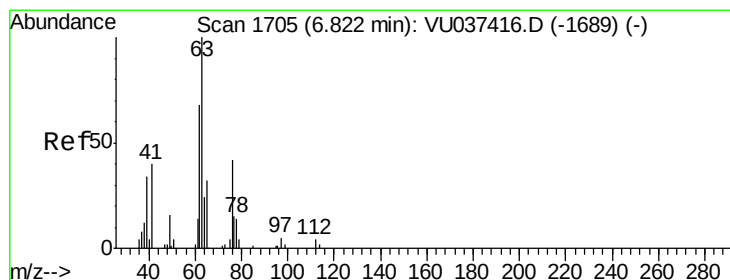
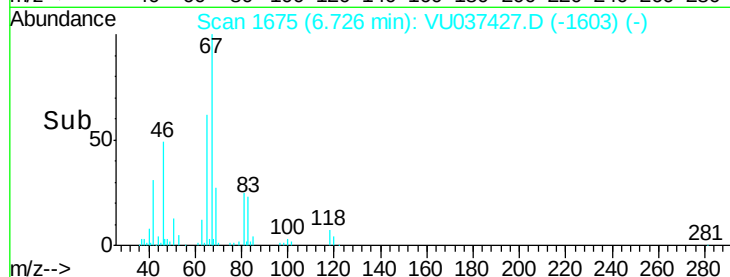
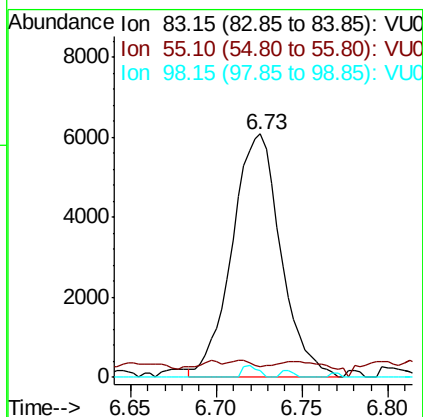
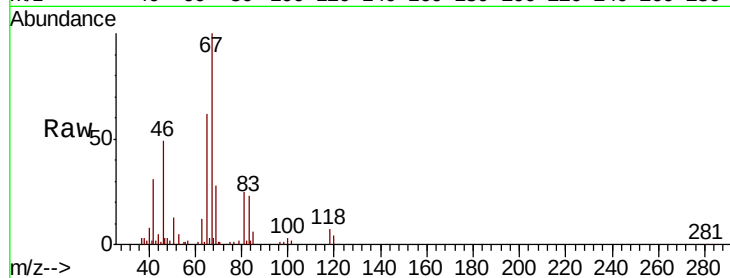




#35
Methylvlcyclohexane
Concen: 0.822 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037427.D
Acq: 28 Mar 2020 19:26

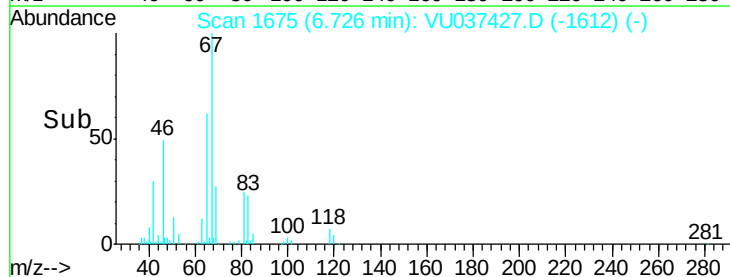
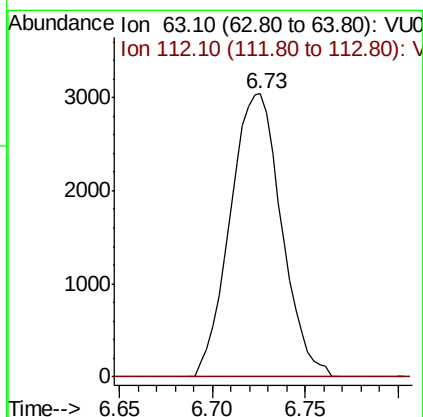
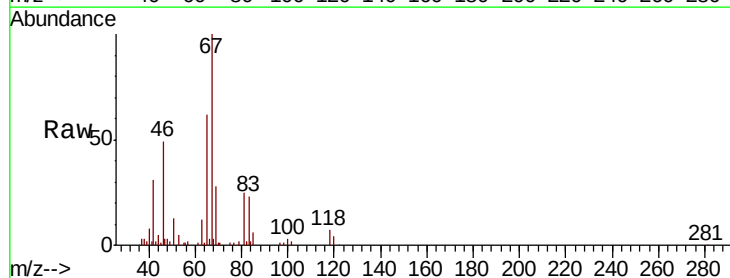
Instrument :
MSVOA_U
ClientSampleId :

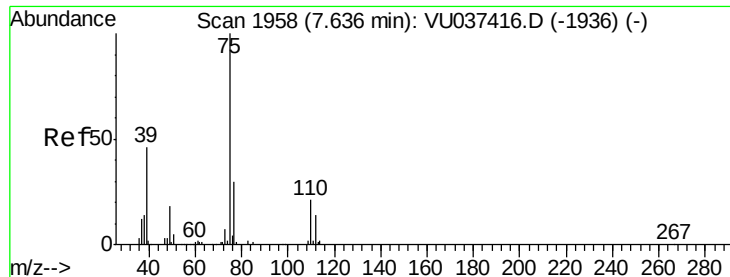
Tot Ion: 83 Resp: 11992
Ion Ratio Lower Upper
83 100
55 0.8 64.2 96.4#
98 1.5 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037427.D
Acq: 28 Mar 2020 19:26

Tgt Ion: 63 Resp: 5850
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037427.D

Acq: 28 Mar 2020 19:26

Instrument :

MSVOA_U

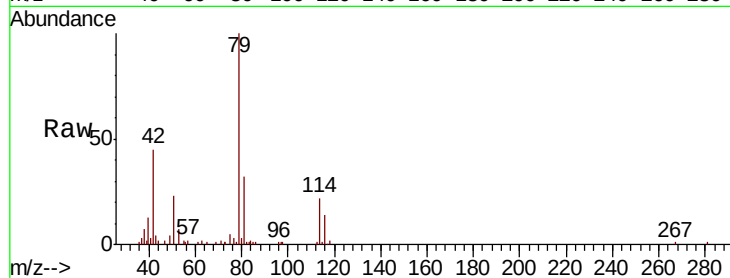
ClientSampleId :

Tot Ion: 75 Resp: 1557

Ion Ratio Lower Upper

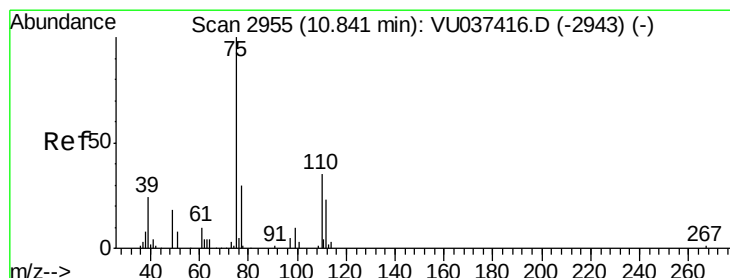
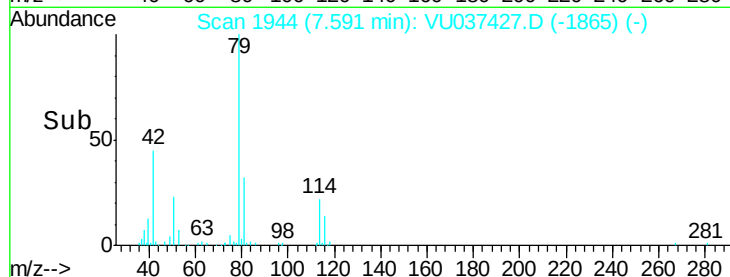
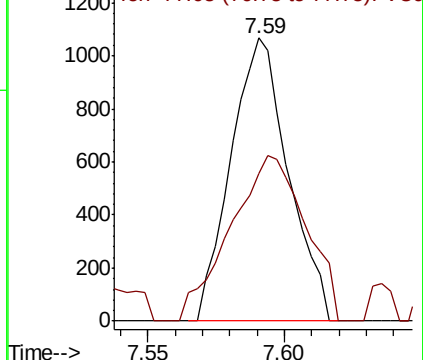
75 100

77 52.0 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU037416.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU037416.D (-1936) (-)



#59

1,2,3-Trichloropropane

Concen: 1.345 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037427.D

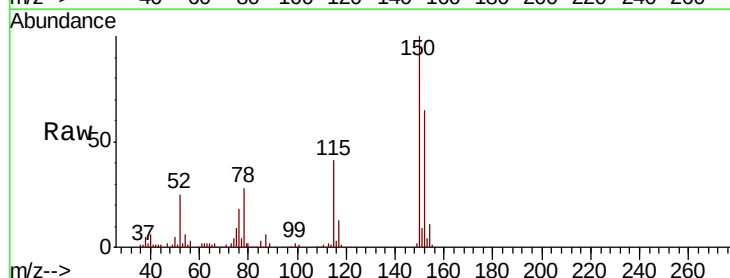
Acq: 28 Mar 2020 19:26

Tgt Ion: 75 Resp: 7828

Ion Ratio Lower Upper

75 100

77 41.3 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU037416.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037416.D (-2943) (-)

