

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039081.D
 Acq On : 24 Jun 2020 23:32
 Operator : SY/MD
 Sample : L3109-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F61

Quant Time: Jun 25 02:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	263549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	112175	5.00	ug/L	0.00

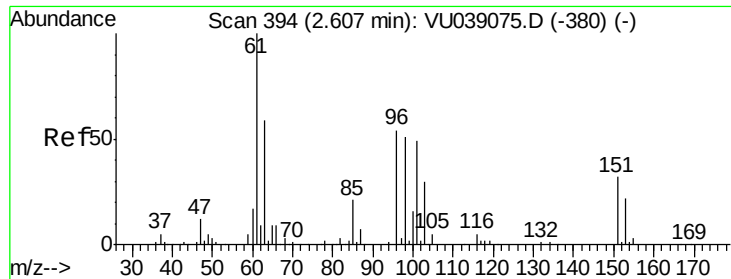
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101570	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.93	69	91622	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.59	63	148577	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.67	46	406957	58.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.30%
24) Chloroform-d	5.10	84	207775	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.74	65	128943	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	402533	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.72	67	134364	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.92	98	315266	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	8.20	79	52946	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	320536	58.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122263	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	121345	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1235	0.068	ug/L #	1
35) Methylcyclohexane	6.72	83	30928	1.041	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	15187	0.677	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3681	0.118	ug/L #	51
47) Tetrachloroethene	8.57	164	12207	0.846	ug/L	91
48) 2-Hexanone	8.65	43	43673	3.558	ug/L #	67
49) Dibromochloromethane	8.57	129	11800	0.651	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	15679	0.927	ug/L	89

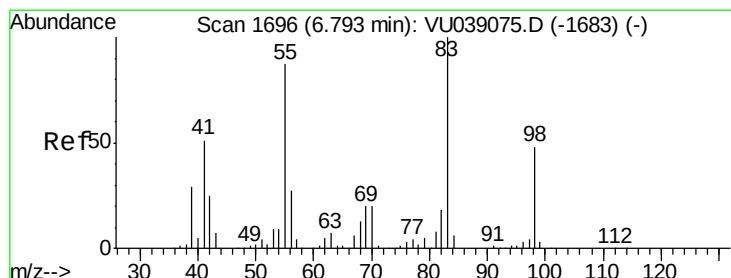
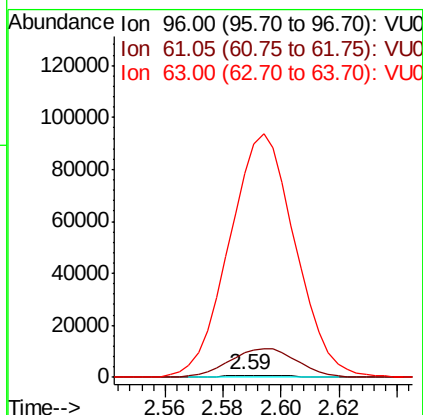
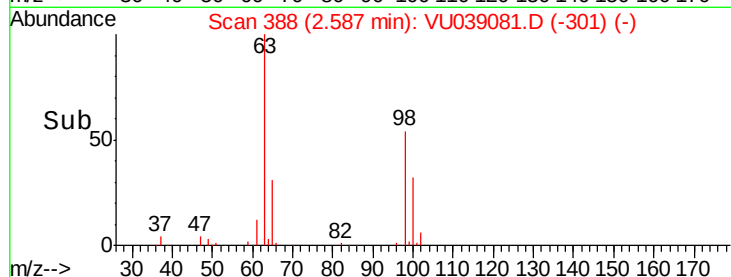
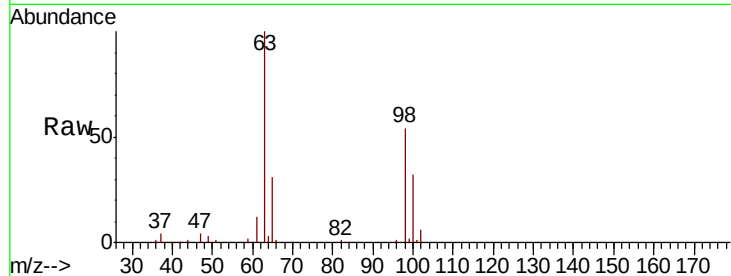
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU039081.D
 Acq: 24 Jun 2020 23:32

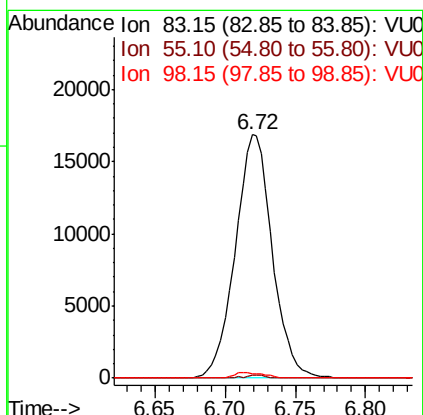
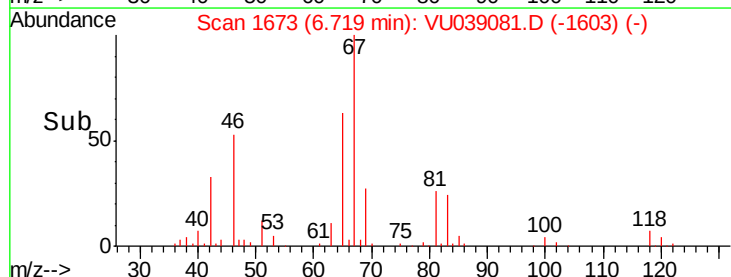
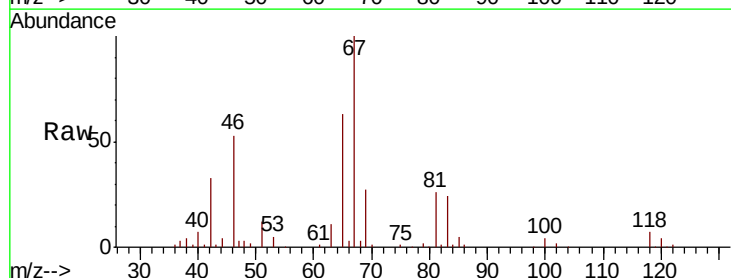
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F61

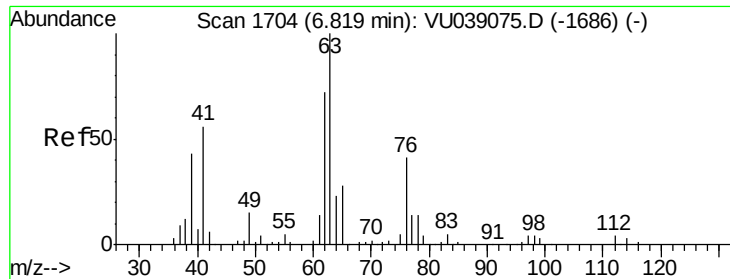
Tot Ion: 96 Resp: 1235
 Ion Ratio Lower Upper
 96 100
 61 1257.2 125.1 232.3#
 63 10502.7 82.3 152.8#



#35
 Methylcyclohexane
 Concen: 1.041 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU039081.D
 Acq: 24 Jun 2020 23:32

Tgt Ion: 83 Resp: 30928
 Ion Ratio Lower Upper
 83 100
 55 0.5 65.5 98.3#
 98 1.8 36.5 54.7#

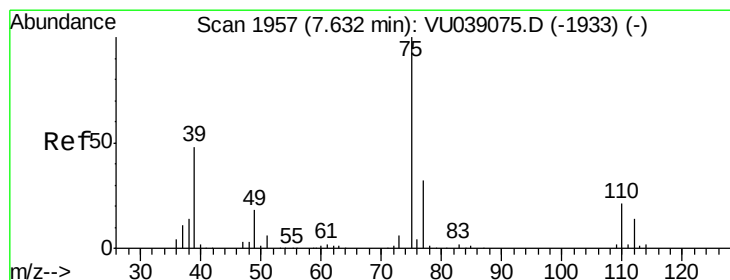
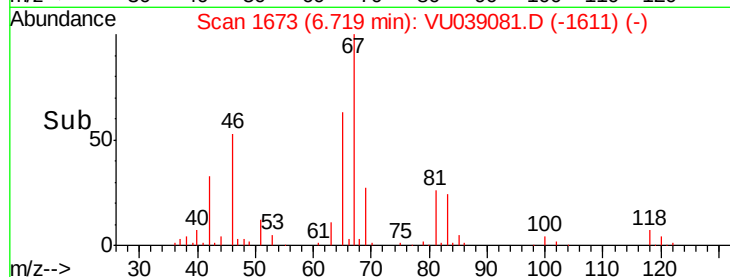
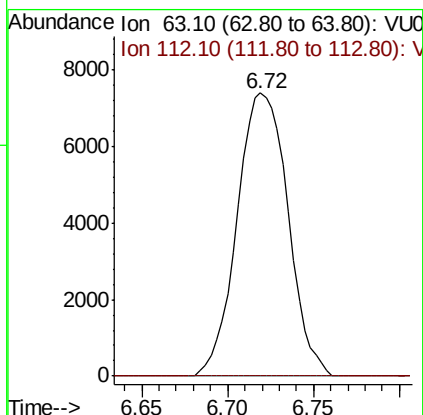
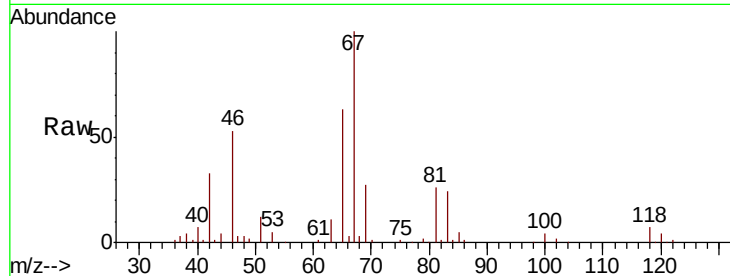




#37
 1,2-Dichloropropane
 Concen: 0.677 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039081.D
 Acq: 24 Jun 2020 23:32

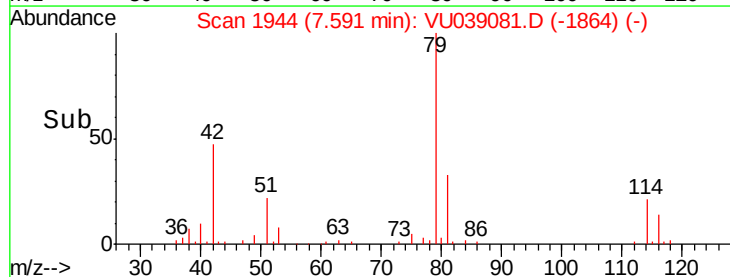
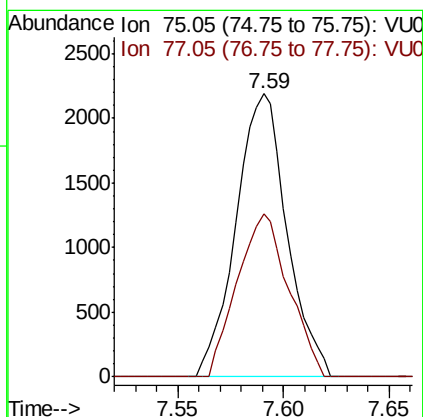
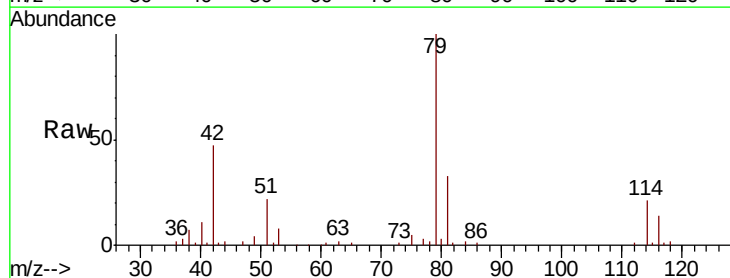
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F61

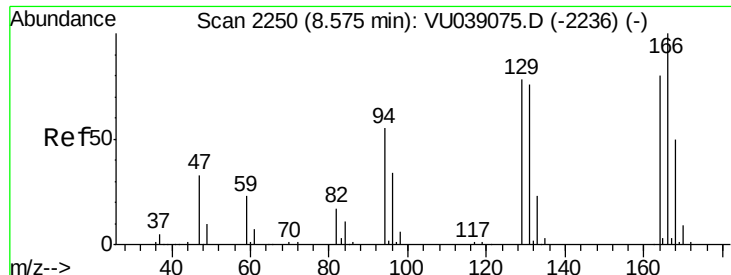
Tot Ion: 63 Resp: 15187
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039081.D
 Acq: 24 Jun 2020 23:32

Tgt Ion: 75 Resp: 3681
 Ion Ratio Lower Upper
 75 100
 77 57.5 21.6 40.0#

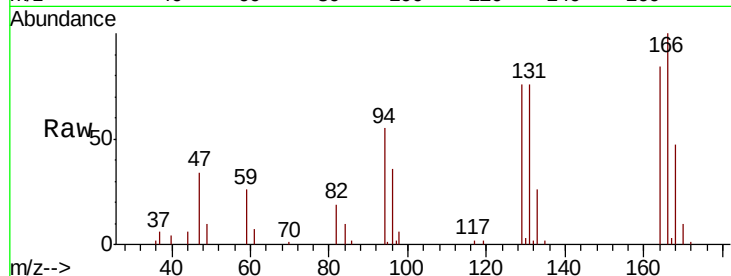




#47
Tetrachloroethene
Concen: 0.846 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU039081.D
Acq: 24 Jun 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :
F9F61

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.7	71.3	132.5
131	90.3	68.3	126.8
166	119.4	90.8	168.6



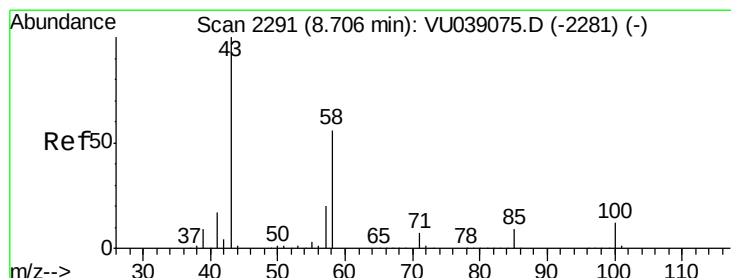
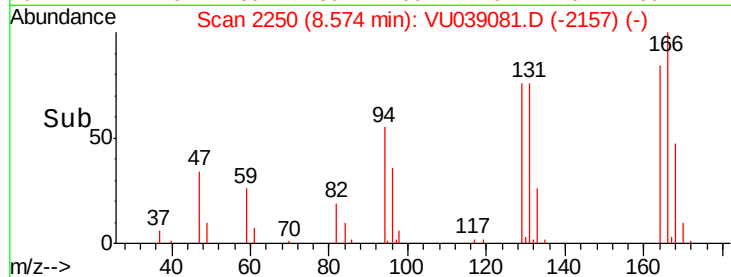
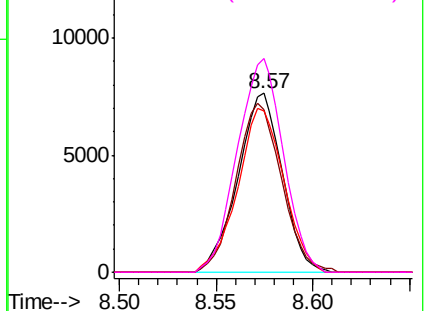
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

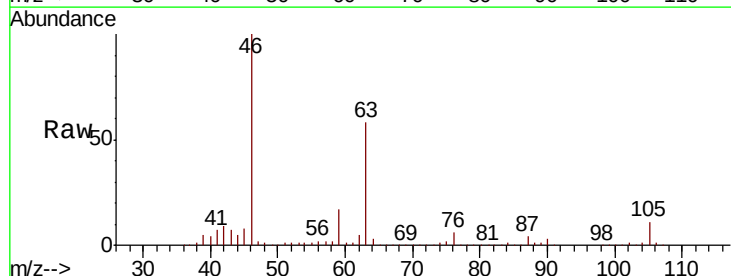
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 3.558 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039081.D
Acq: 24 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	44.0	66.0#
57	27.9	15.0	22.6#
100	1.0	9.4	14.2#



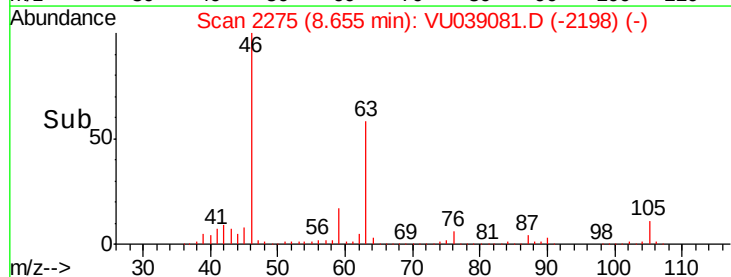
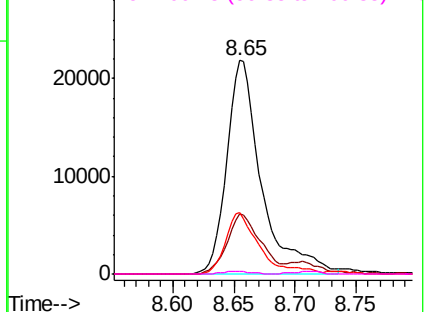
Abundance

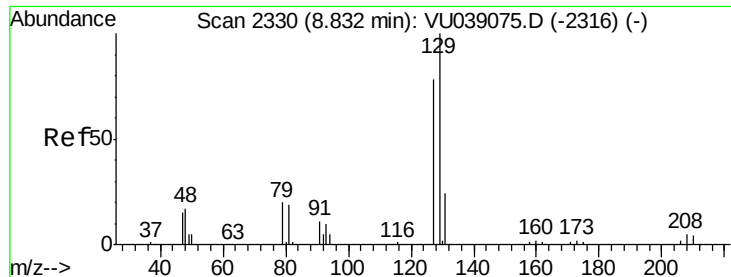
Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.651 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039081.D

Acq: 24 Jun 2020 23:32

Instrument :

MSVOA_U

ClientSampled :

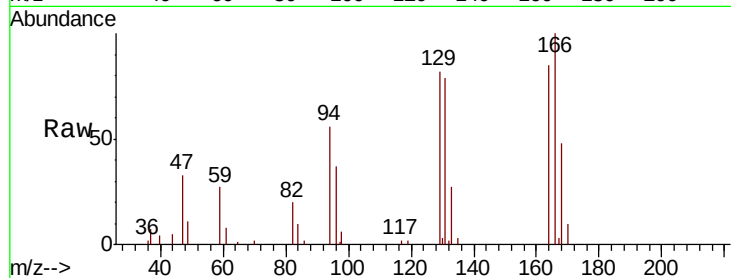
F9F61

Tot Ion:129 Resp: 11800

Ion Ratio Lower Upper

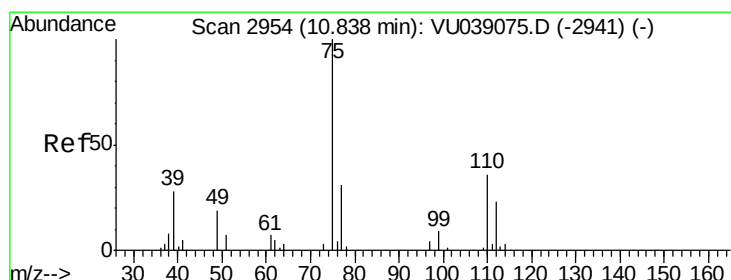
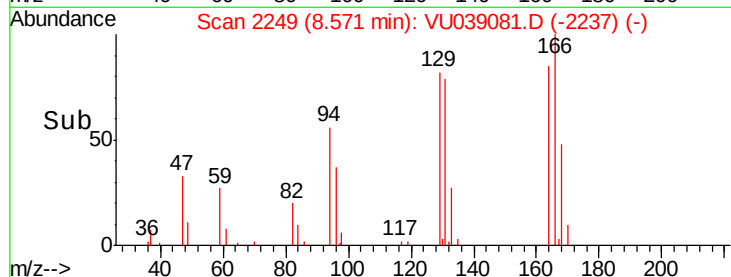
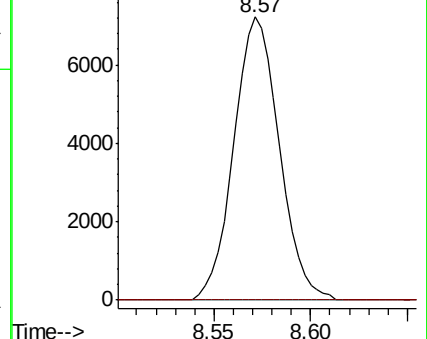
129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.927 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039081.D

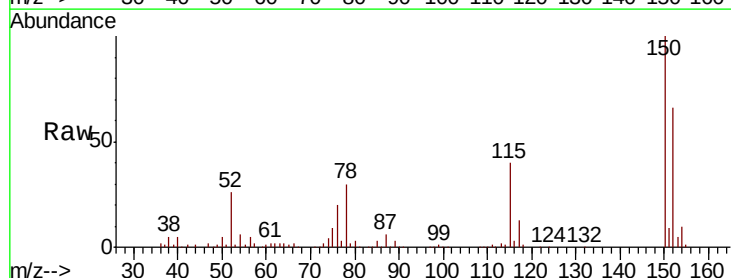
Acq: 24 Jun 2020 23:32

Tgt Ion: 75 Resp: 15679

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

