

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039795.D
 Acq On : 07 Aug 2020 19:42
 Operator : SY/MD
 Sample : L3617-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31969	5.00	ug/L	0.00

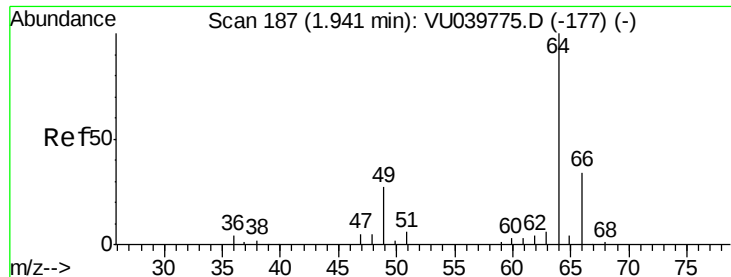
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15228	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.92	69	17614	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	22094	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.65	46	88460	55.57	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.14%
24) Chloroform-d	5.08	84	43878	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	26750	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.75	84	73495	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	26410	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	54332	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	9310	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	58639	50.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26343	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	28919	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
8) Chloroethane	1.95	64	861	0.215 ug/L #	43
22) cis-1,2-Dichloroethene	4.68	96	466	0.096 ug/L	95
25) Chloroform	5.11	83	4044	0.458 ug/L	87
35) Methylcyclohexane	6.70	83	5911	0.765 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	2972	0.600 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	714	0.106 ug/L	86
47) Tetrachloroethene	8.56	164	519	0.130 ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	4460	1.249 ug/L #	84

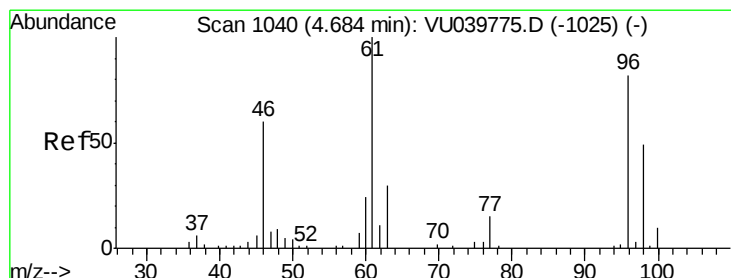
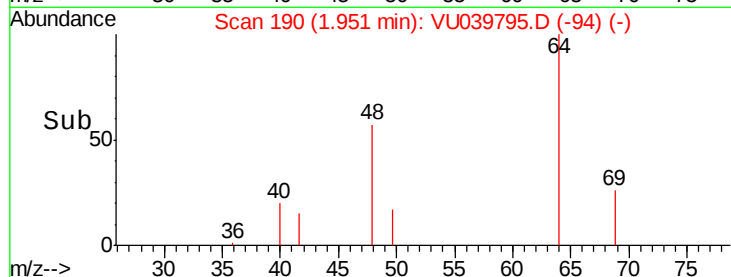
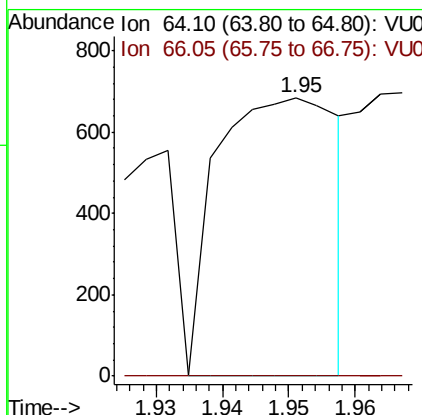
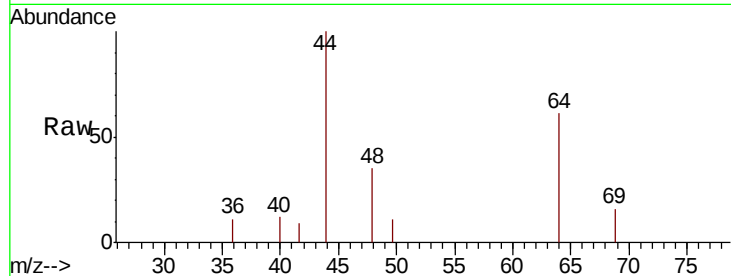
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
 Chloroethane
 Concen: 0.215 ug/L
 RT: 1.95 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: VU039795.D
 Acq: 07 Aug 2020 19:42

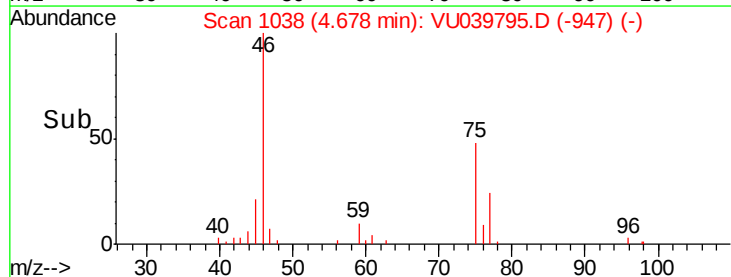
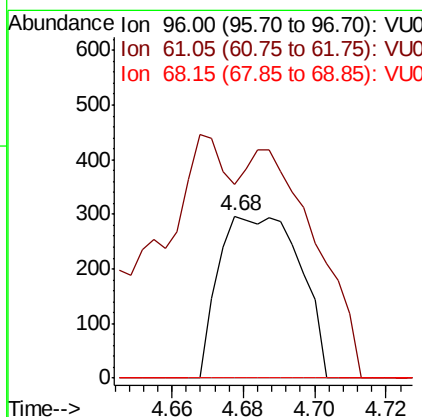
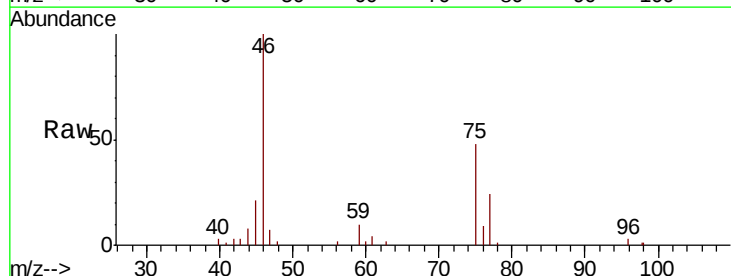
Instrument :
 MSVOA_U
 ClientSampled :

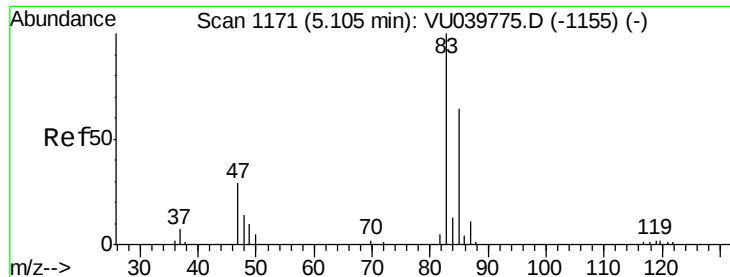
Tot Ion: 64 Resp: 861
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.096 ug/L
 RT: 4.68 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VU039795.D
 Acq: 07 Aug 2020 19:42

Tgt Ion: 96 Resp: 466
 Ion Ratio Lower Upper
 96 100
 61 119.5 87.4 162.2
 68 0.0 0.0 0.0

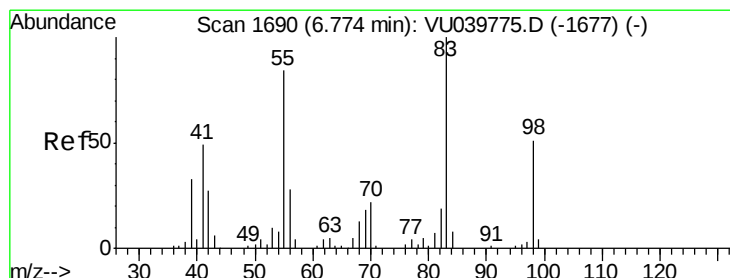
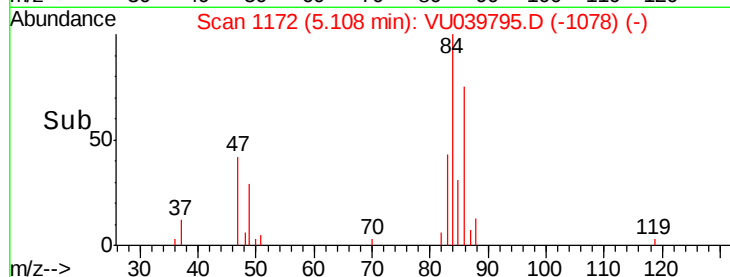
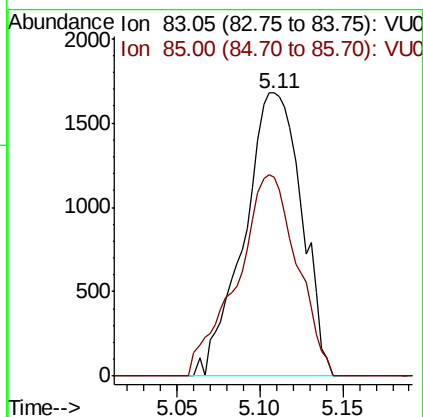
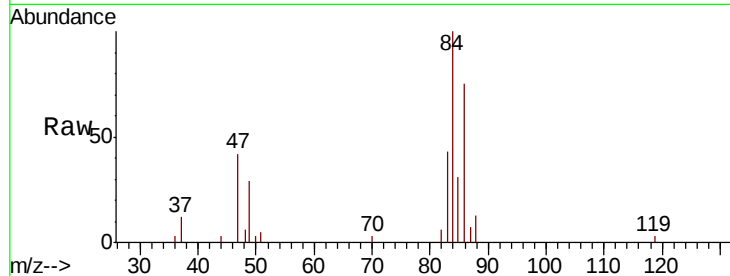




#25
Chloroform
Concen: 0.458 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039795.D
Acq: 07 Aug 2020 19:42

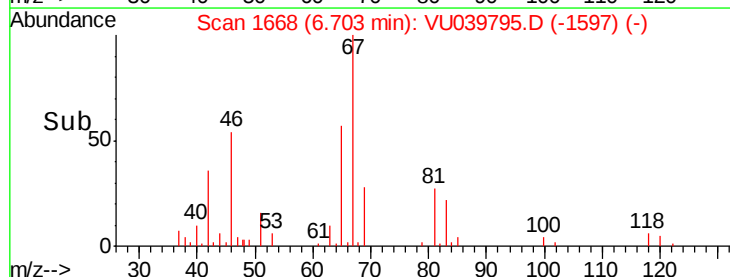
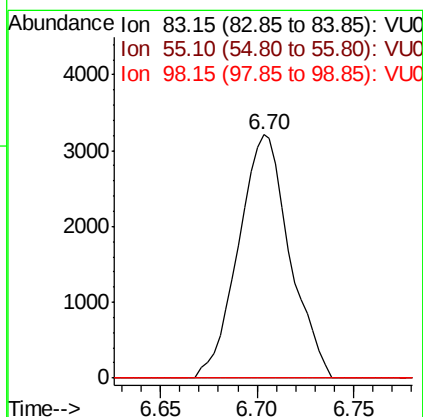
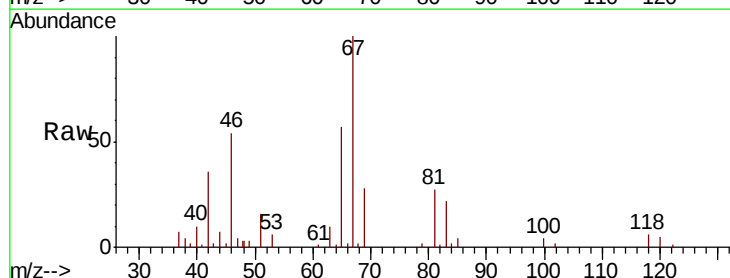
Instrument :
MSVOA_U
ClientSampleId :

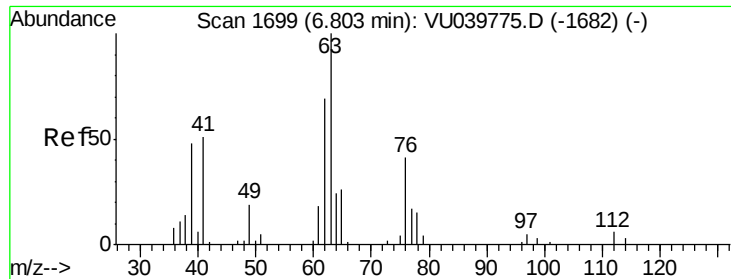
Tot Ion: 83 Resp: 4044
Ion Ratio Lower Upper
83 100
85 70.4 42.1 78.3



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039795.D
Acq: 07 Aug 2020 19:42

Tgt Ion: 83 Resp: 5911
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

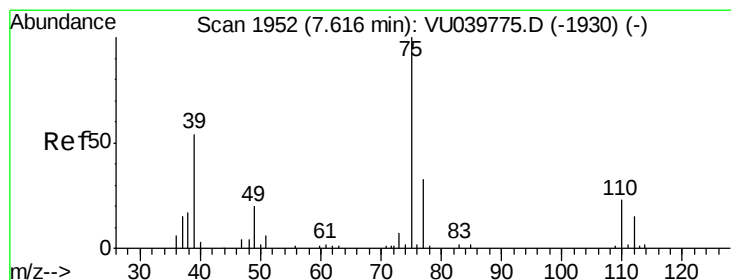
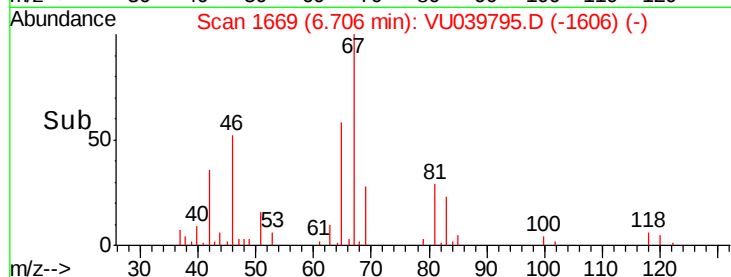
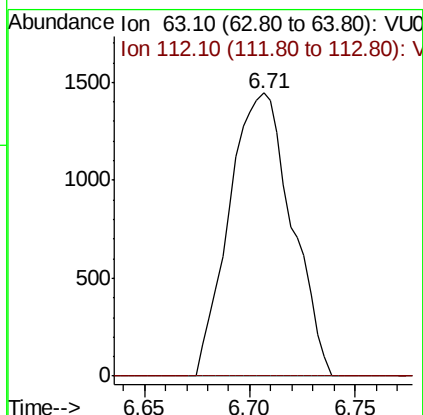
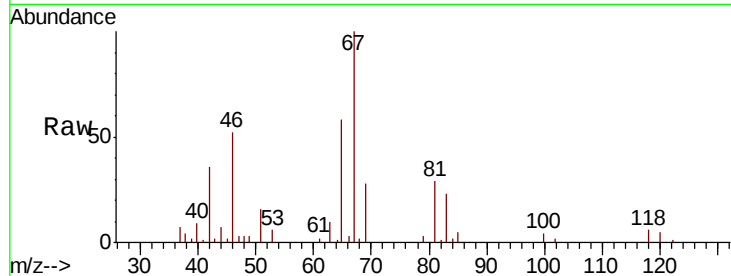




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039795.D
 Acq: 07 Aug 2020 19:42

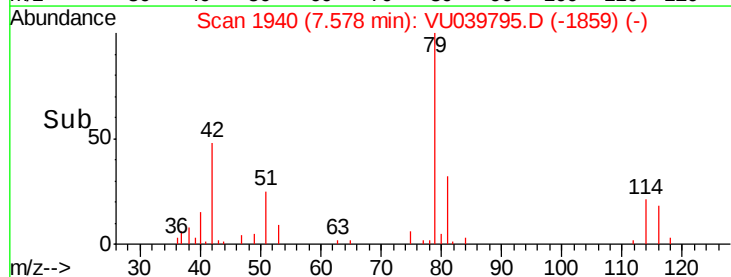
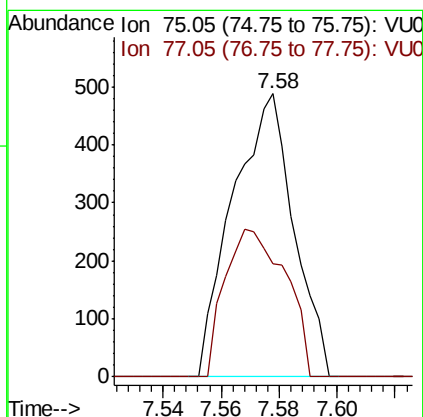
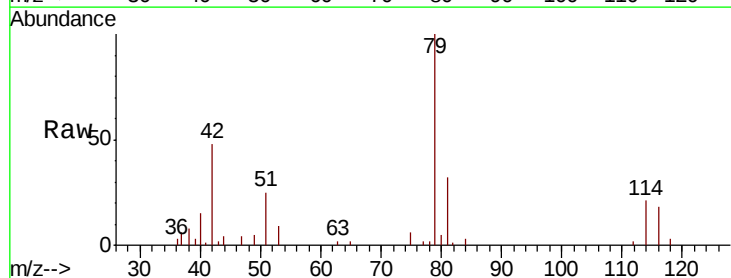
Instrument :
 MSVOA_U
 ClientSampleId :

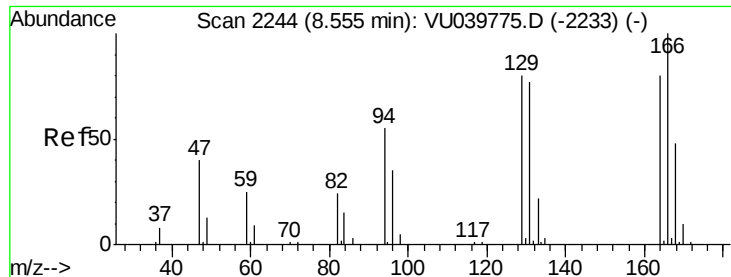
Tot Ion: 63 Resp: 2972
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039795.D
 Acq: 07 Aug 2020 19:42

Tgt Ion: 75 Resp: 714
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.4 41.6





#47

Tetrachloroethene

Concen: 0.130 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039795.D

Acq: 07 Aug 2020 19:42

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:164 Resp: 519

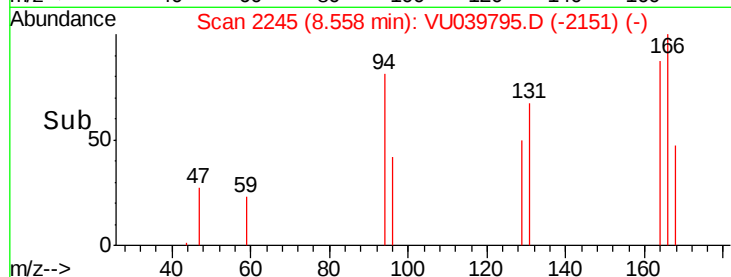
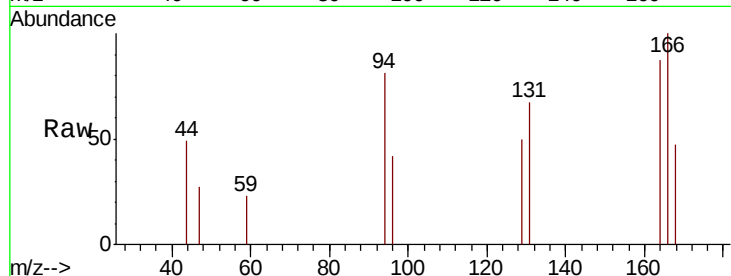
Ion Ratio Lower Upper

164 100

129 57.0 65.9 122.5#

131 77.6 68.1 126.5

166 115.0 84.5 156.9

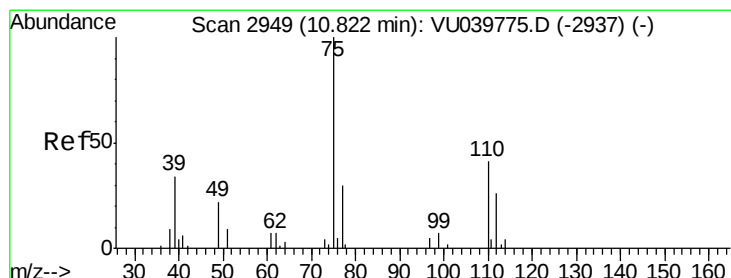
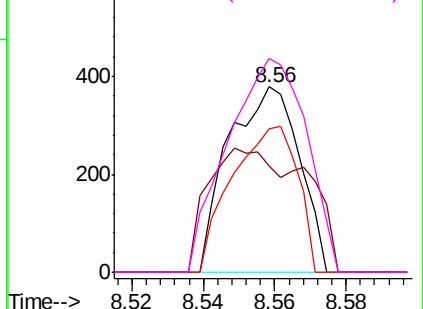


Abundance Ion 163.90 (163.60 to 164.60): V

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



#59

1,2,3-Trichloropropane

Concen: 1.249 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039795.D

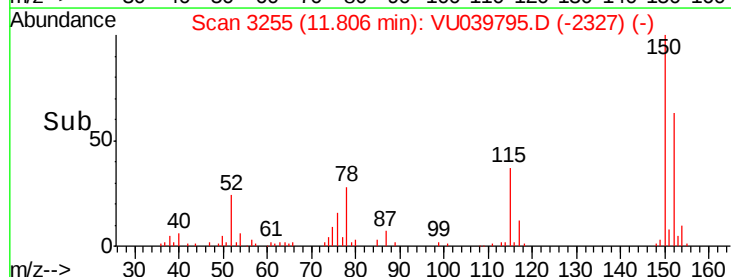
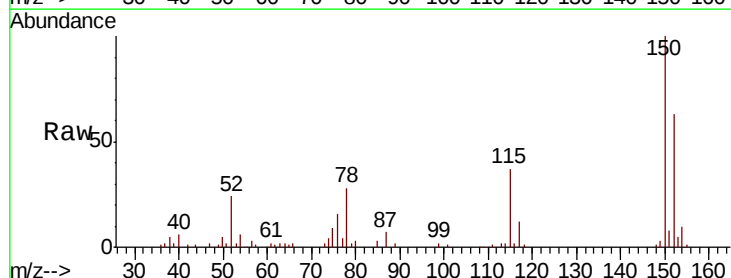
Acq: 07 Aug 2020 19:42

Tgt Ion: 75 Resp: 4460

Ion Ratio Lower Upper

75 100

77 39.4 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

