

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072120\
 Data File : VU039596.D
 Acq On : 21 Jul 2020 15:01
 Operator : SY/MD
 Sample : L3347-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 02:05:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19879	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.92	69	22527	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.58	63	34144	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.65	46	124311	52.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	5.08	84	60453	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	38466	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	104377	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.70	67	36924	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.91	98	89185	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	13189	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.64	63	84336	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33895	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37765	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

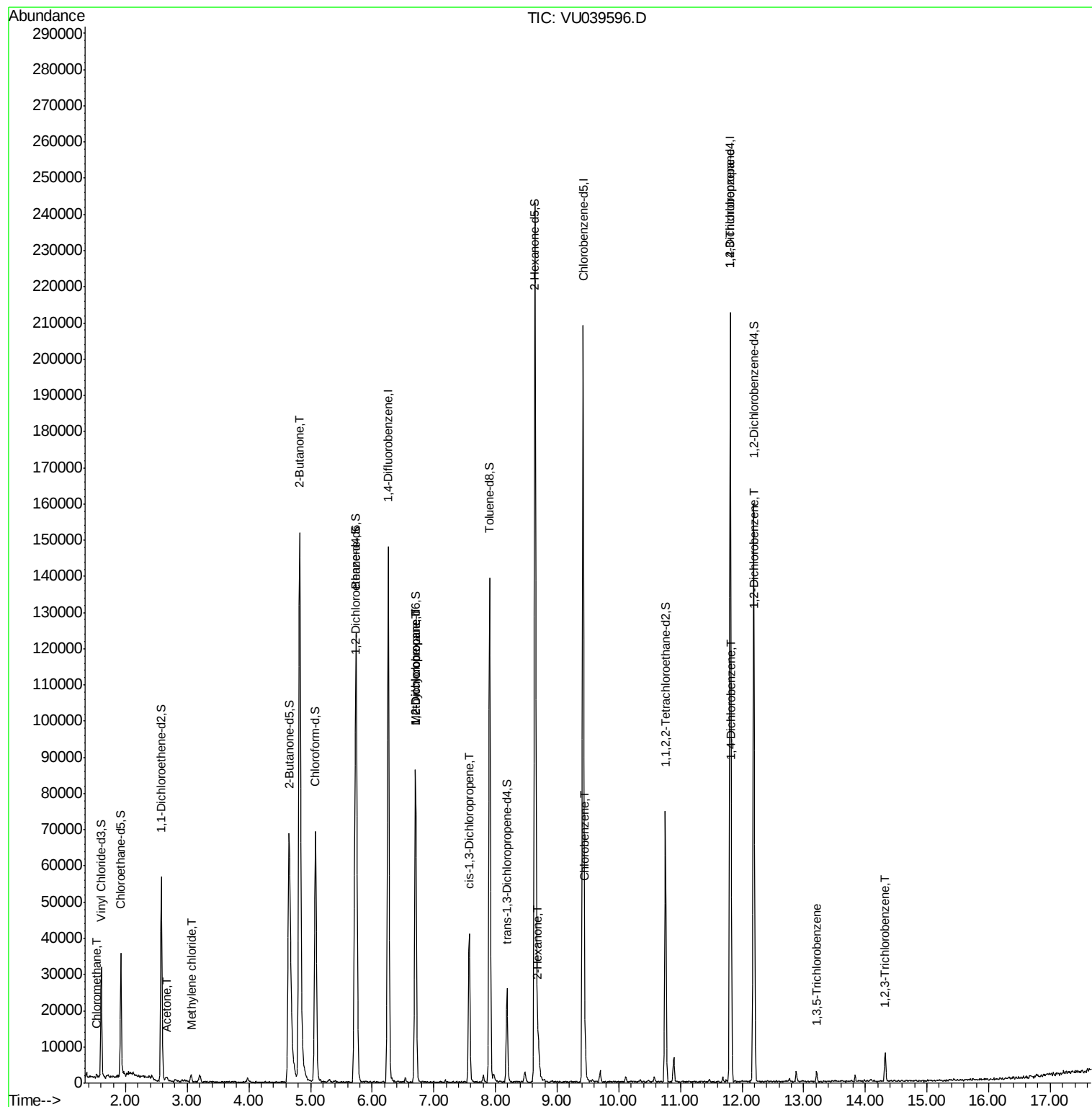
					Ovalue
3) Chloromethane	1.53	50	560	0.093 ug/L	97
13) Acetone	2.67	43	1496	1.130 ug/L	87
16) Methylene chloride	3.06	84	877	0.113 ug/L	89
21) 2-Butanone	4.82	43	229208	99.953 ug/L #	51
35) Methylcyclohexane	6.70	83	8589	0.809 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4575	0.626 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	1108	0.106 ug/L #	70
48) 2-Hexanone	8.69	43	7300	1.729 ug/L #	94
51) Chlorobenzene	9.45	112	4499	0.245 ug/L	96
59) 1,2,3-Trichloropropane	11.81	75	7847	1.464 ug/L #	88
63) 1,4-Dichlorobenzene	11.83	146	1183	0.087 ug/L	88
65) 1,2-Dichlorobenzene	12.21	146	1655	0.128 ug/L #	85
67) 1,3,5-Trichlorobenzene	13.21	180	983	0.102 ug/L	89
70) 1,2,3-Trichlorobenzene	14.32	180	2594	0.368 ug/L	96

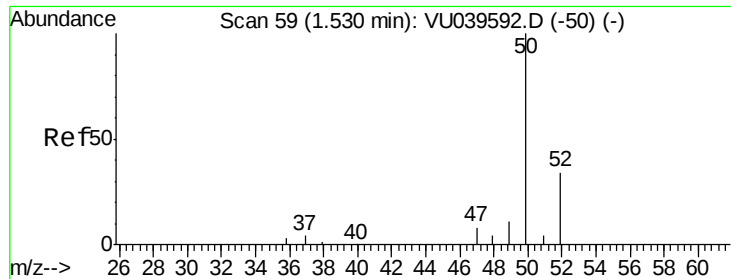
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072120\
Data File : VU039596.D
Acq On : 21 Jul 2020 15:01
Operator : SY/MD
Sample : L3347-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 22 02:05:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

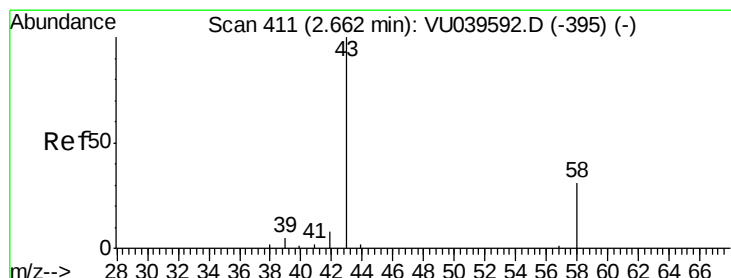
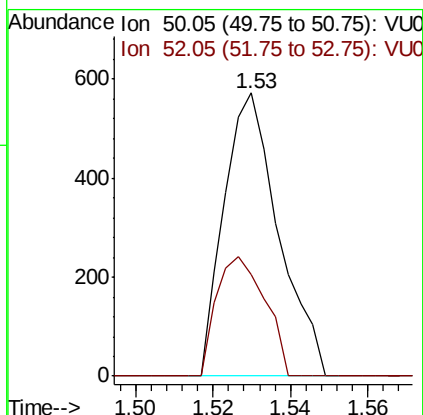
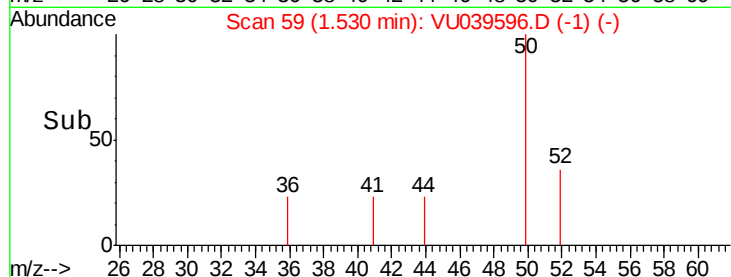
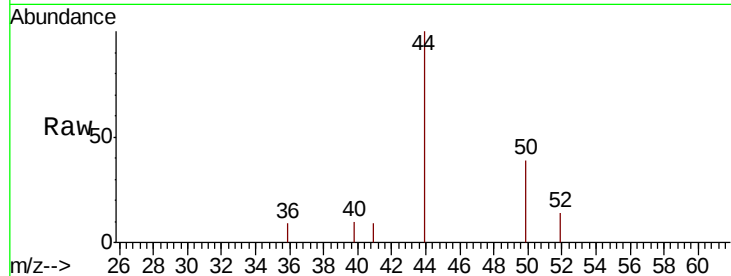




#3
 Chloromethane
 Concen: 0.093 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039596.D
 Acq: 21 Jul 2020 15:01

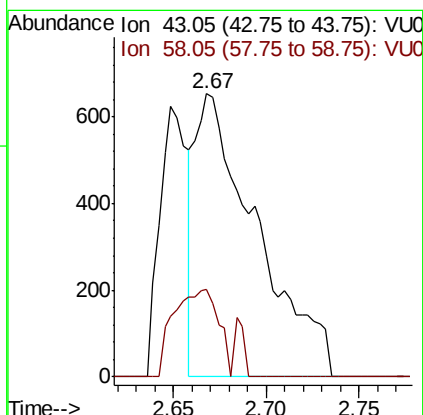
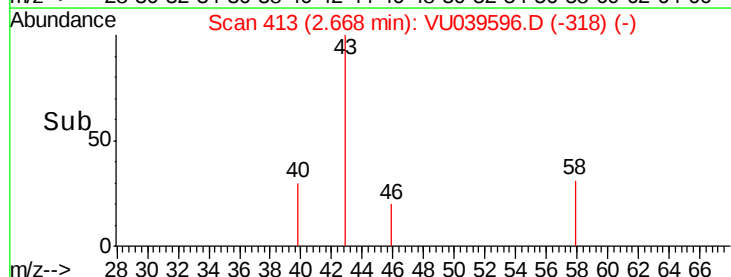
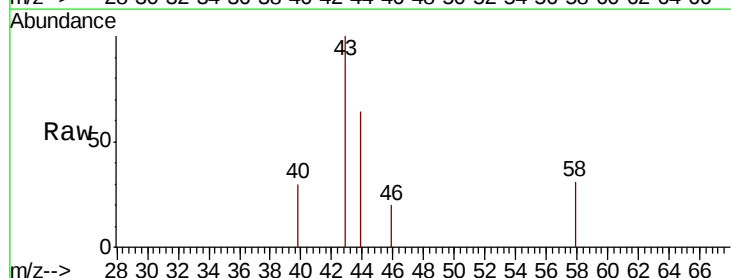
Instrument :
 MSVOA_U
 ClientSampled :

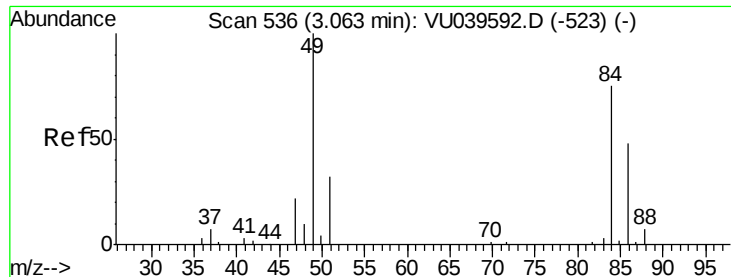
Tot Ion: 50 Resp: 560
 Ion Ratio Lower Upper
 50 100
 52 35.8 23.9 44.5



#13
 Acetone
 Concen: 1.130 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: VU039596.D
 Acq: 21 Jul 2020 15:01

Tgt Ion: 43 Resp: 1496
 Ion Ratio Lower Upper
 43 100
 58 22.7 0.0 59.0

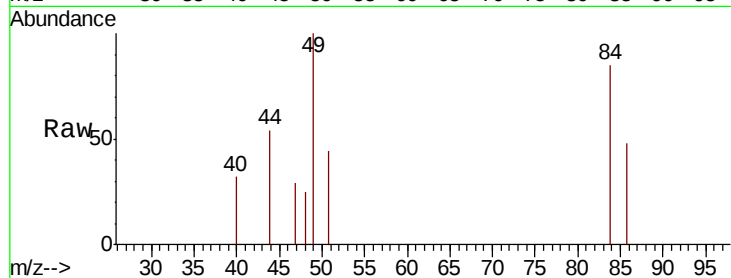




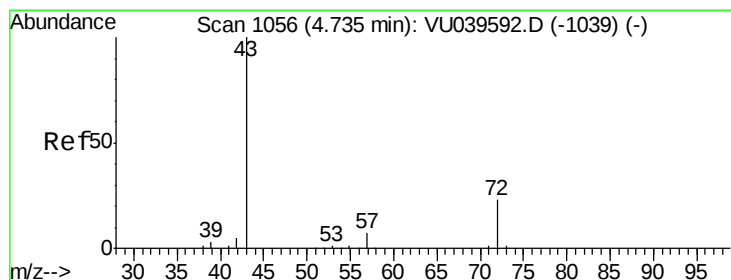
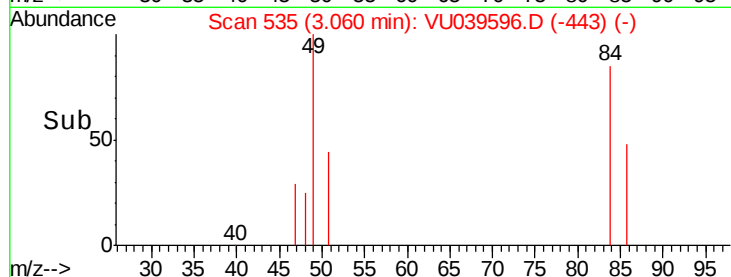
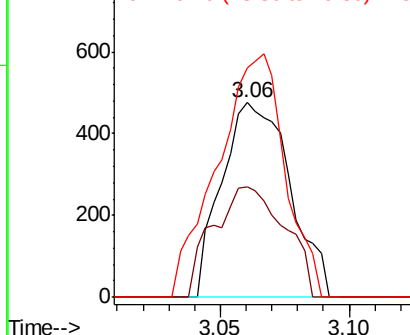
#16
Methvlene chloride
Concen: 0.113 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
86 56.5 43.8 81.4
49 117.9 92.7 172.3

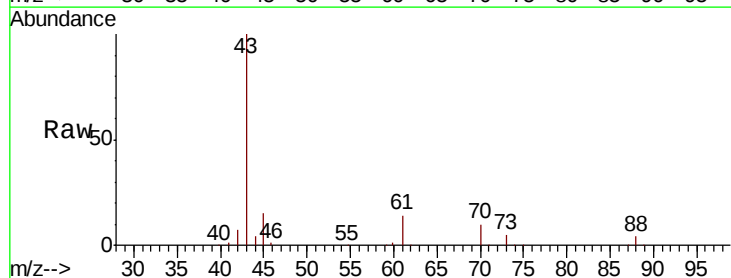


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

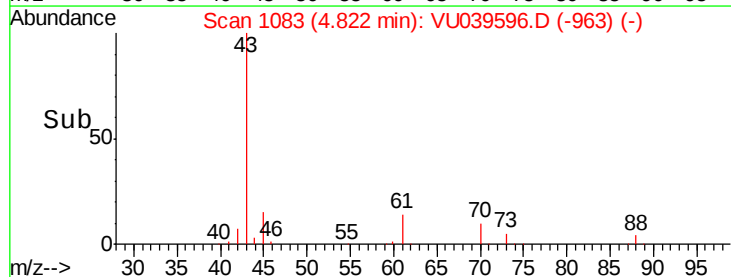
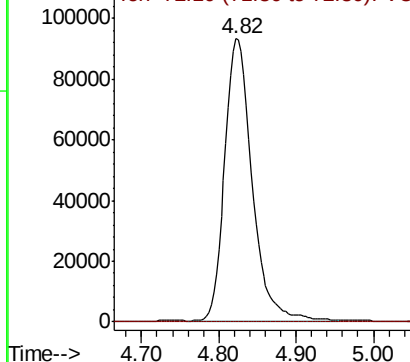


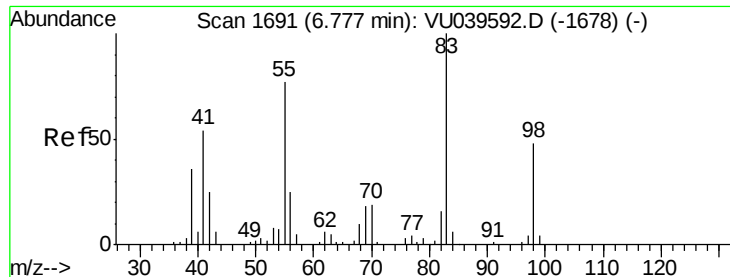
#21
2-Butanone
Concen: 99.953 ug/L
RT: 4.82 min Scan# 1083
Delta R.T. 0.09 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Tgt Ion: 43 Resp: 229208
Ion Ratio Lower Upper
43 100
72 0.0 12.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

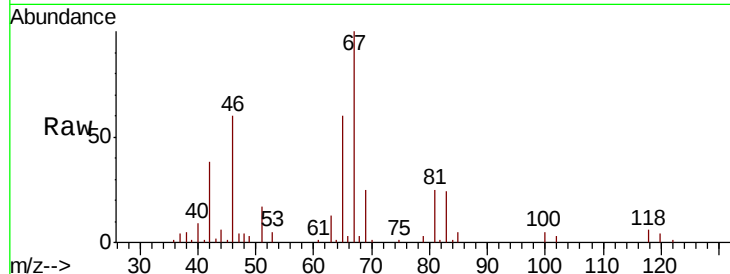




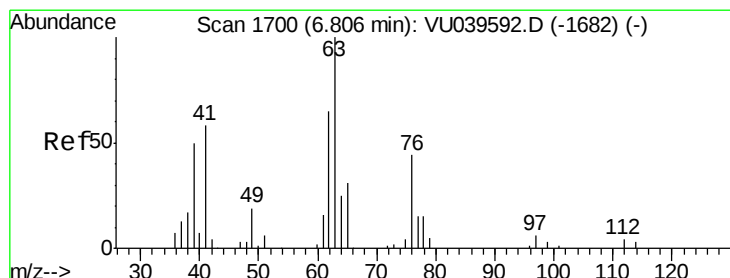
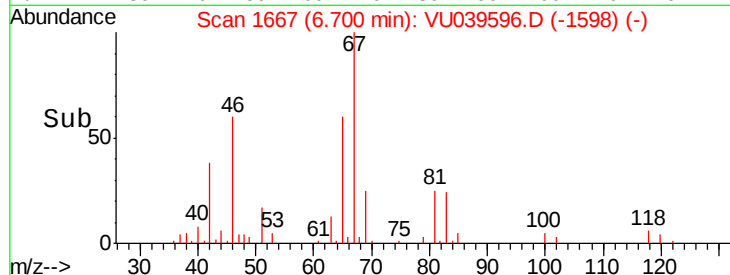
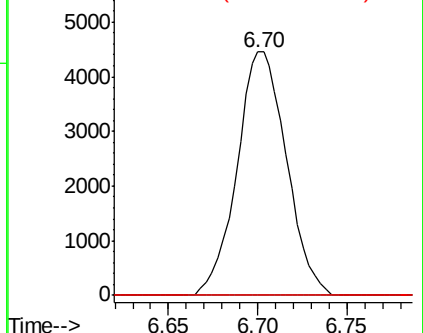
#35
Methvlcvclohexane
Concen: 0.809 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.08 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83.15	Resp	8589
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.6#
98	1.8	35.3	52.9#

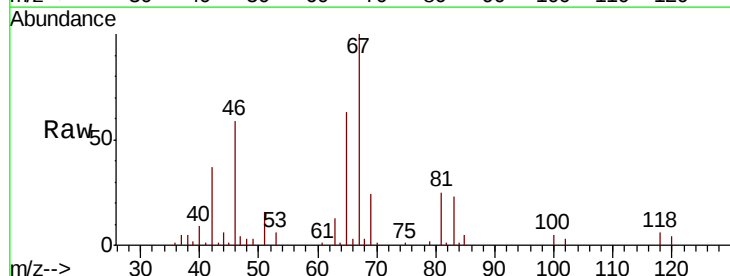


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

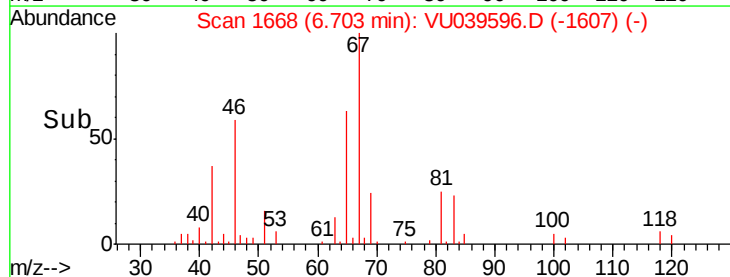
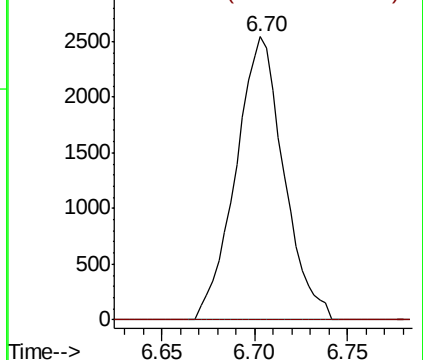


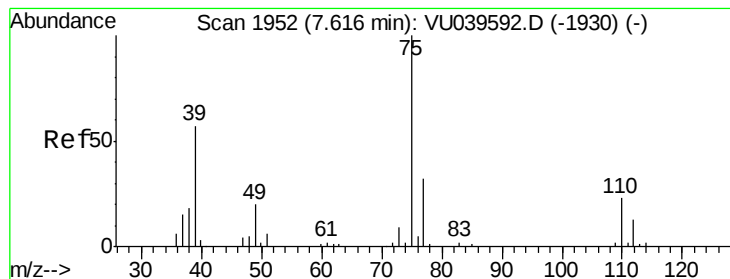
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Tgt Ion	63	Resp	4575
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



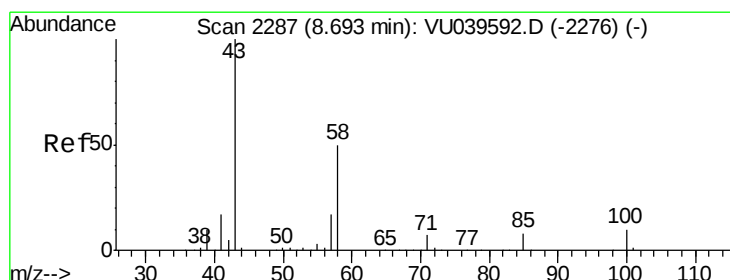
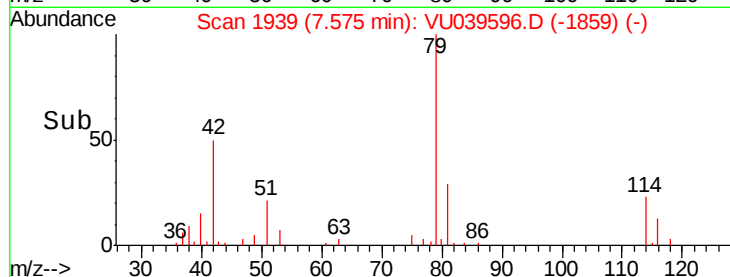
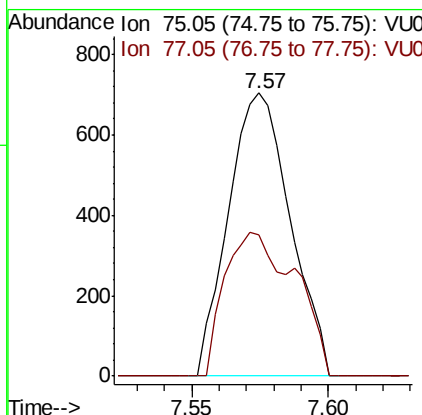
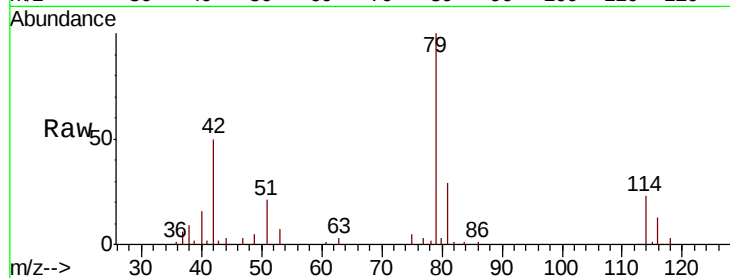


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :

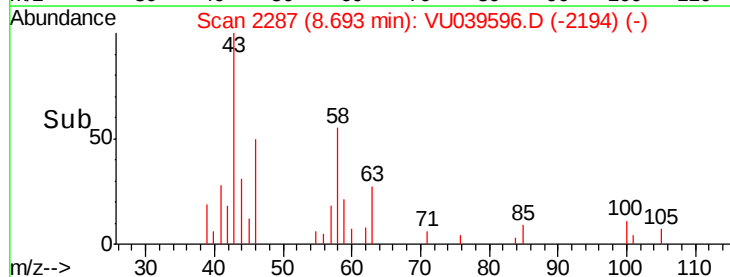
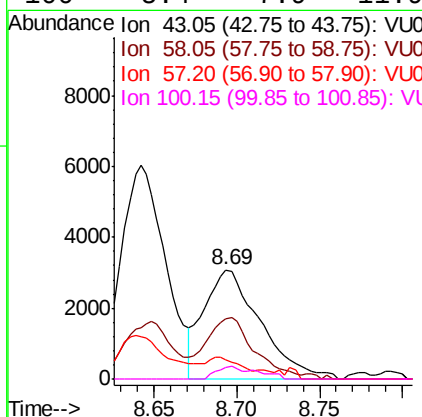
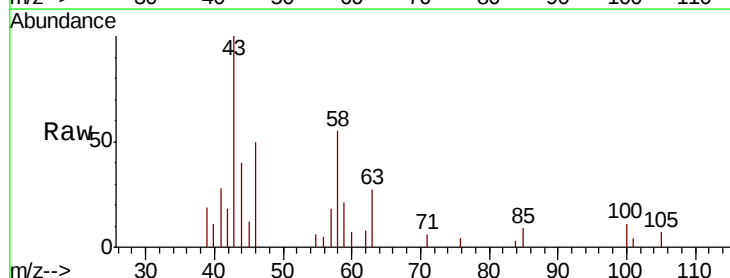
Tot Ion: 75 Resp: 1108
Ion Ratio Lower Upper
75 100
77 49.9 23.2 43.0#

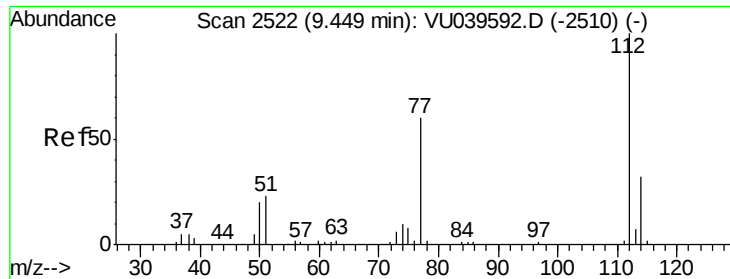


#48

2-Hexanone
Concen: 1.729 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Tgt Ion: 43 Resp: 7300
Ion Ratio Lower Upper
43 100
58 47.9 40.9 61.3
57 14.4 14.6 21.8#
100 5.4 7.9 11.9#

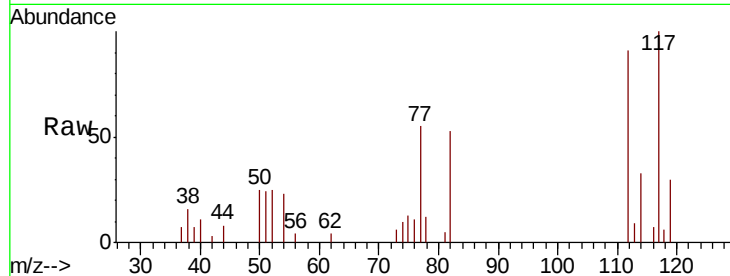




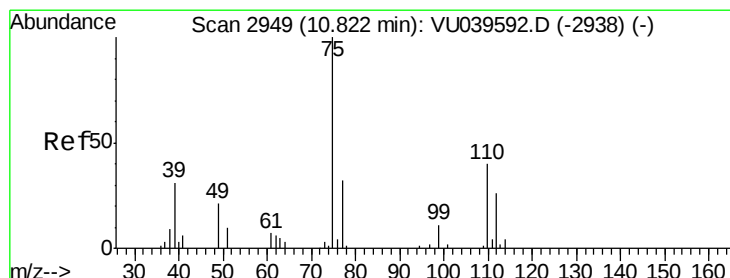
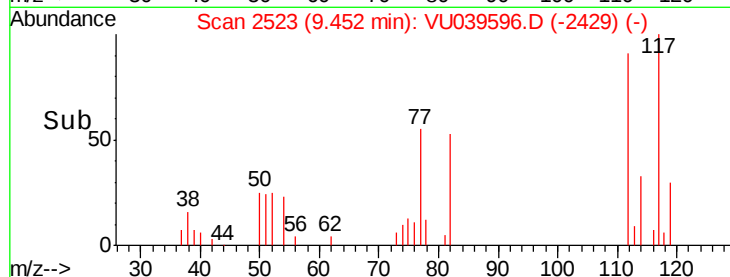
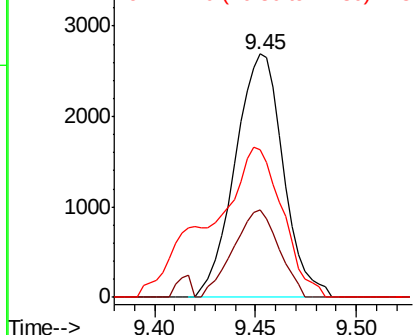
#51
Chlorobenzene
Concen: 0.245 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 4499
Ion Ratio Lower Upper
112 100
114 36.1 22.9 42.5
77 60.8 50.0 75.0

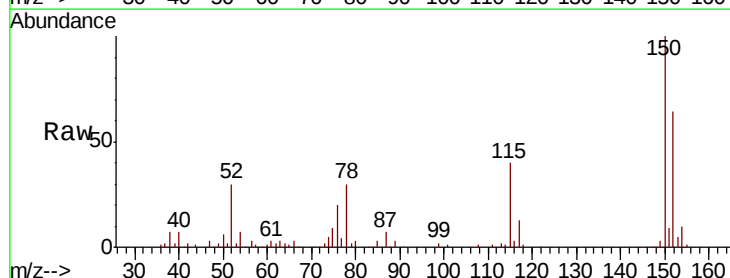


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

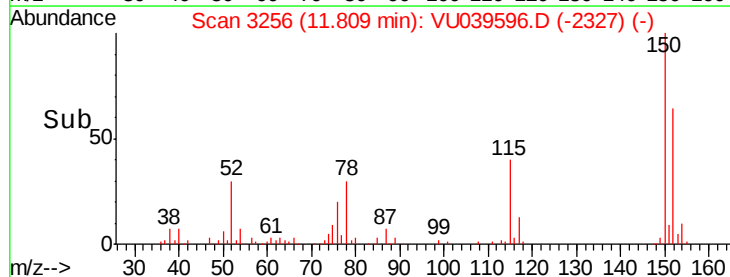
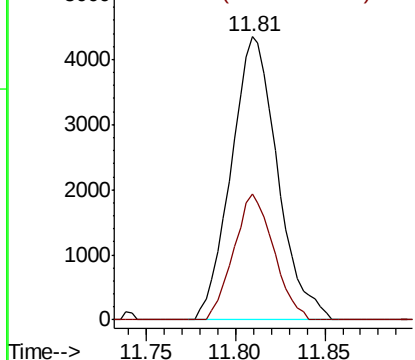


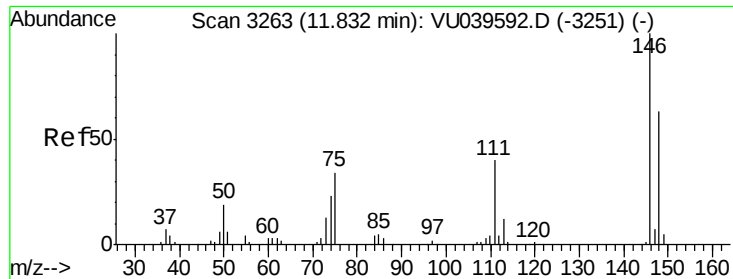
#59
1,2,3-Trichloropropane
Concen: 1.464 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039596.D
Acq: 21 Jul 2020 15:01

Tgt Ion: 75 Resp: 7847
Ion Ratio Lower Upper
75 100
77 38.4 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 0.087 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.00 min

Lab File: VU039596.D

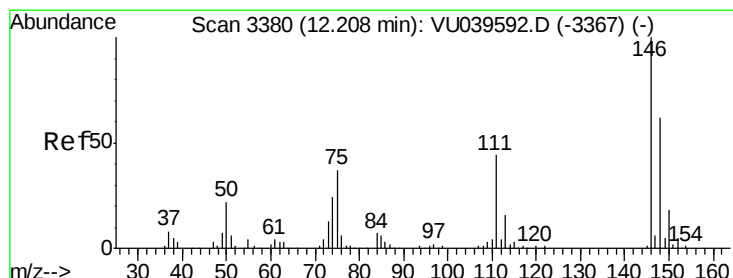
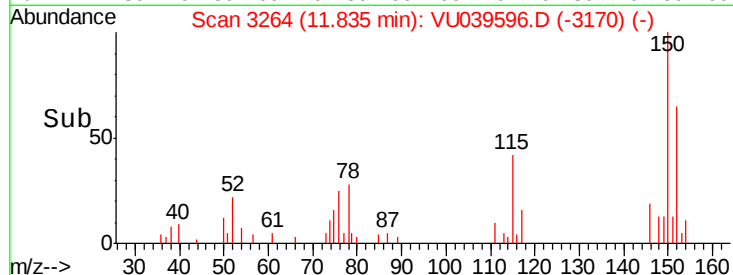
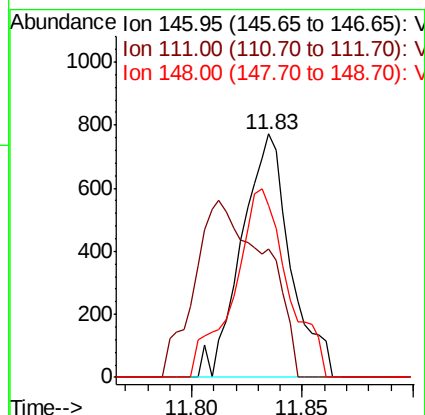
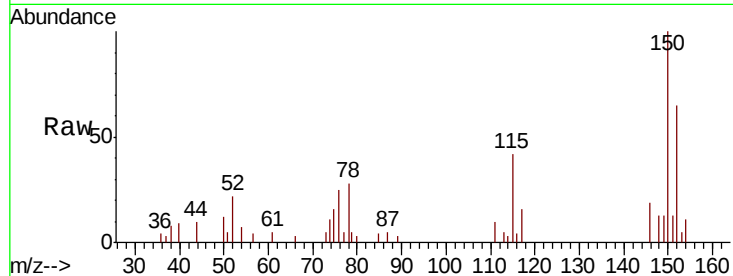
Acq: 21 Jul 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	146	Resp:	1183
Ion	Ratio	Lower	Upper
146	100		
111	52.7	29.9	55.5
148	70.9	44.8	83.2



#65

1,2-Dichlorobenzene

Concen: 0.128 ug/L

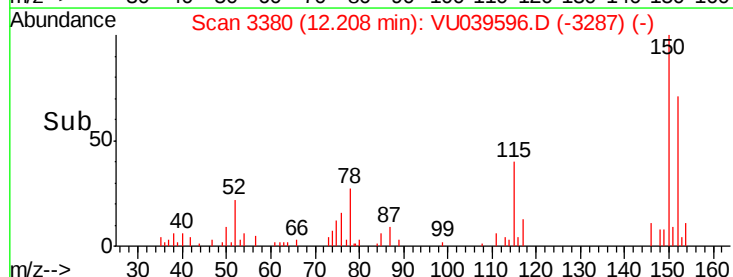
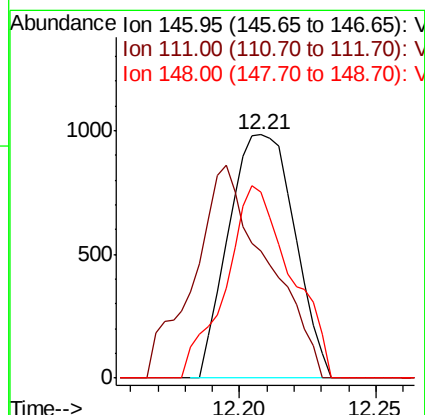
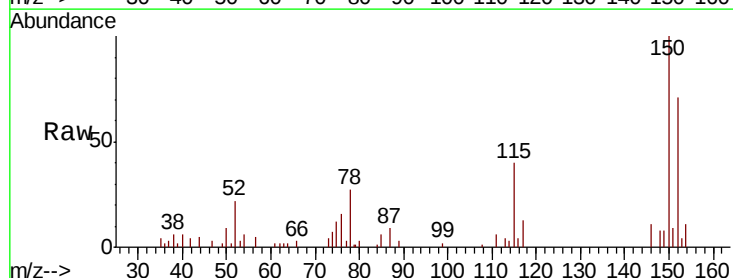
RT: 12.21 min Scan# 3380

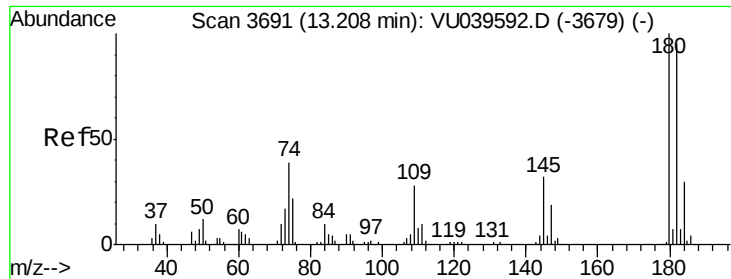
Delta R.T. -0.00 min

Lab File: VU039596.D

Acq: 21 Jul 2020 15:01

Tgt Ion:	146	Resp:	1655
Ion	Ratio	Lower	Upper
146	100		
111	52.2	34.3	51.5#
148	76.5	52.0	78.0

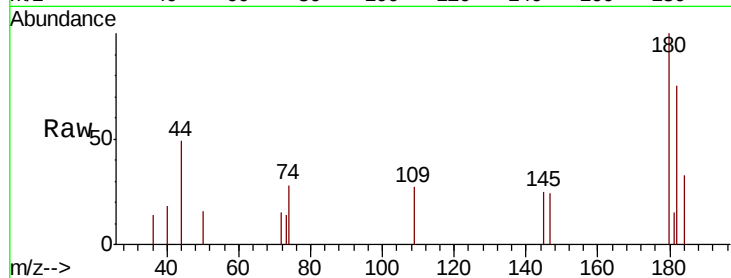




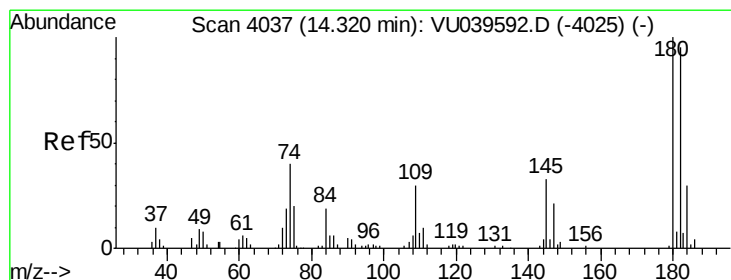
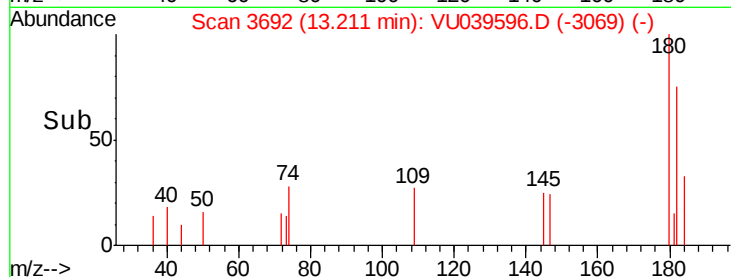
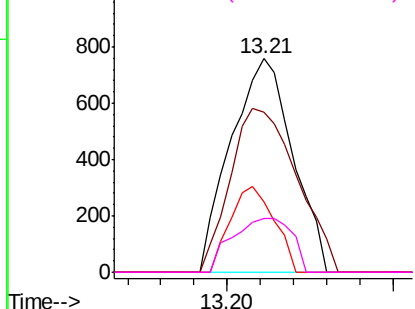
#67
 1,3,5-Trichlorobenzene
 Concen: 0.102 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VU039596.D
 Acq: 21 Jul 2020 15:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180	Resp:	983	
Ion Ratio	Lower	Upper	
180 100			
182 82.7	76.5	114.7	
184 28.5	24.8	37.2	
145 24.0	23.8	35.8	

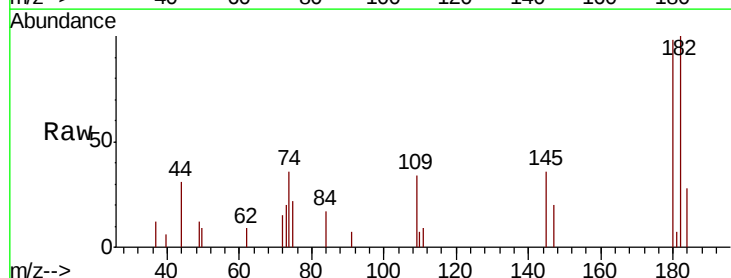


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.368 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU039596.D
 Acq: 21 Jul 2020 15:01

Tgt Ion:180	Resp:	2594	
Ion Ratio	Lower	Upper	
180 100			
182 102.3	78.0	117.0	
145 33.4	28.4	42.6	



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

