

Data File : VU036159.D
Acq On : 12 Dec 2019 19:34
Operator : JC/MD
Sample : K6273-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDP9

Quant Time: Dec 13 02:45:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	260326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135226	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	116929	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	135184	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.69	46	232577	54.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	5.11	84	195915	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	101564	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.77	84	367479	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	121107	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	299074	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.21	79	44538	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.68	63	178715	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106024	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	110022	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

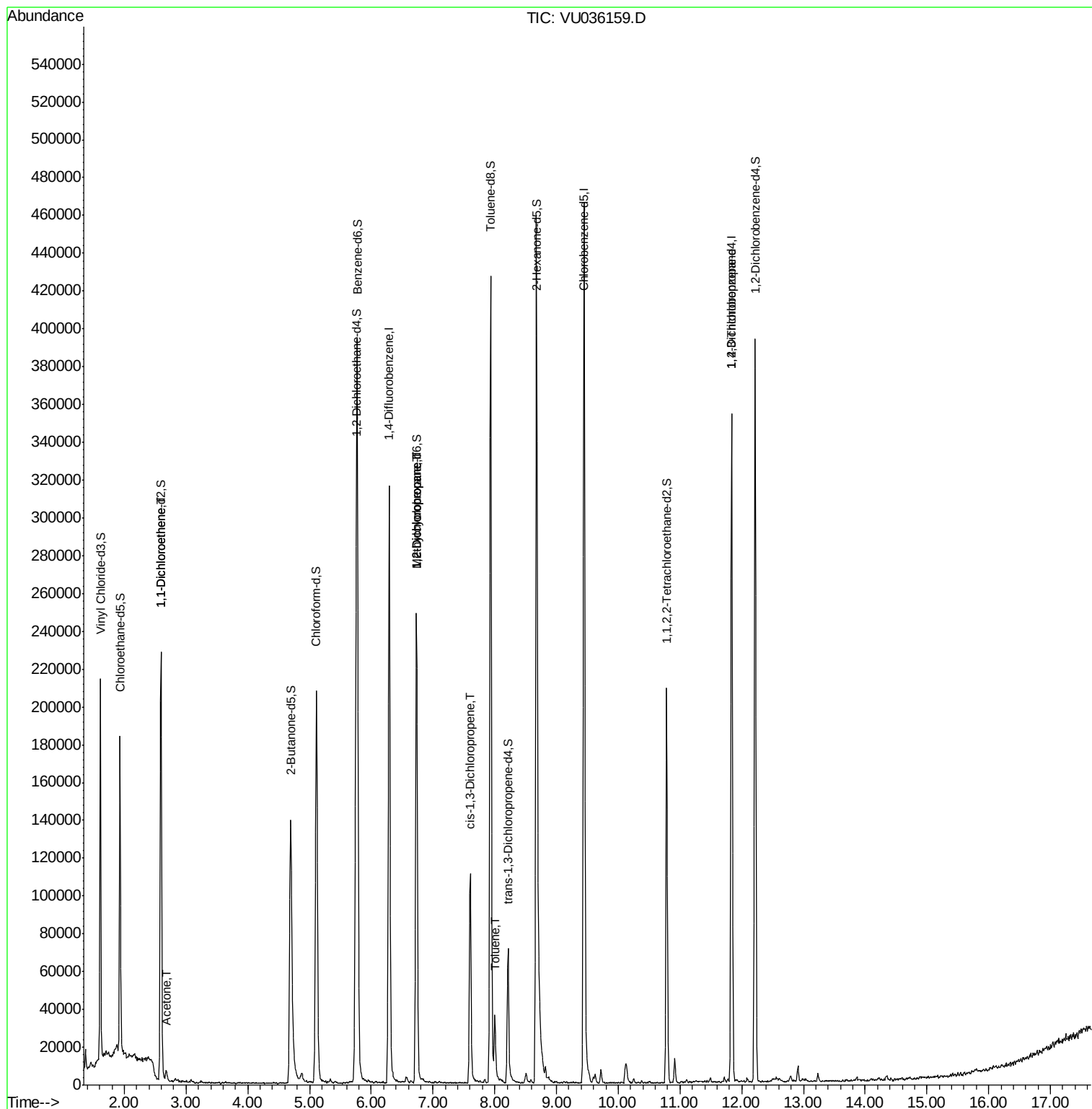
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1345	0.069 ug/L #	1
13) Acetone	2.67	43	7016	1.903 ug/L	87
35) Methylcyclohexane	6.73	83	28064	0.854 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12853	0.553 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3191	0.104 ug/L #	15
42) Toluene	8.00	91	23509	0.246 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	11561	0.754 ug/L #	88

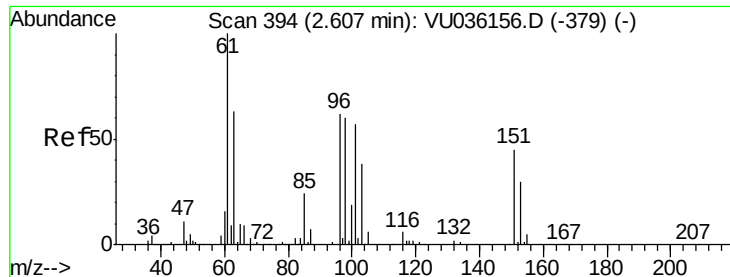
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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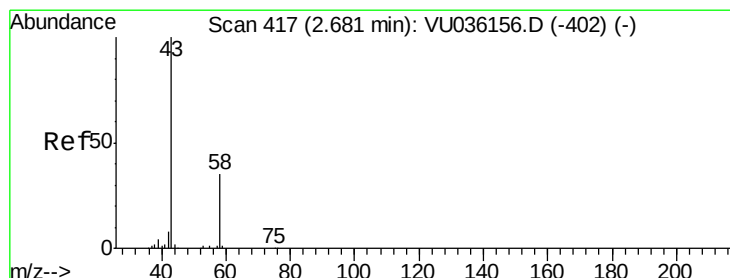
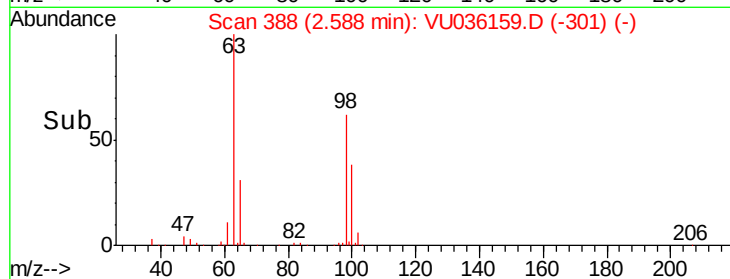
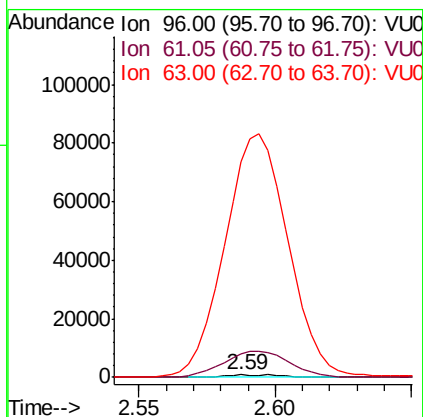
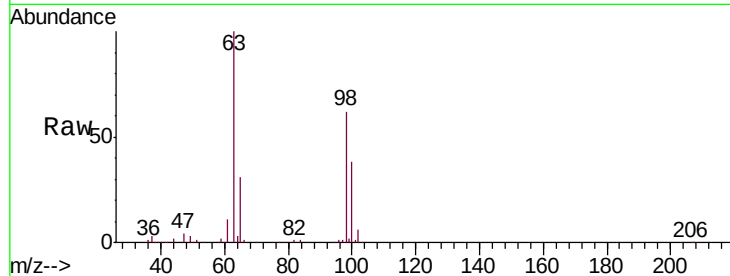




#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU036159.D
 Acq: 12 Dec 2019 19:34

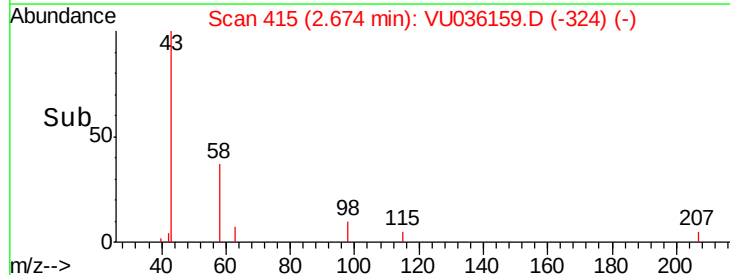
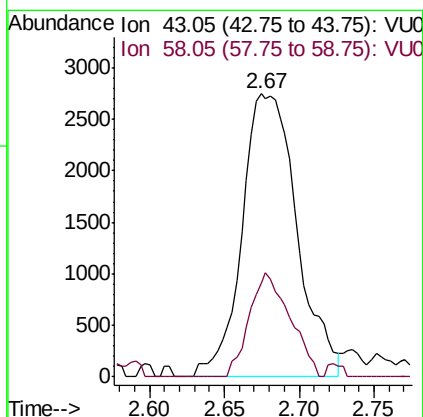
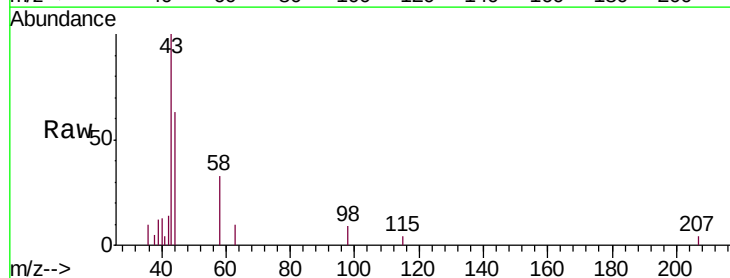
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD9

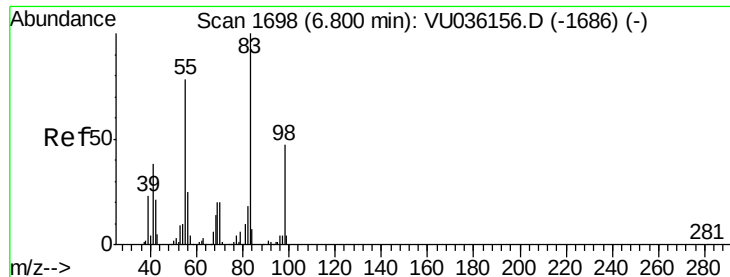
Tgt Ion: 96 Resp: 1345
 Ion Ratio Lower Upper
 96 100
 61 983.7 110.6 205.4#
 63 9006.1 71.6 133.0#



#13
 Acetone
 Concen: 1.903 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VU036159.D
 Acq: 12 Dec 2019 19:34

Tgt Ion: 43 Resp: 7016
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 70.0

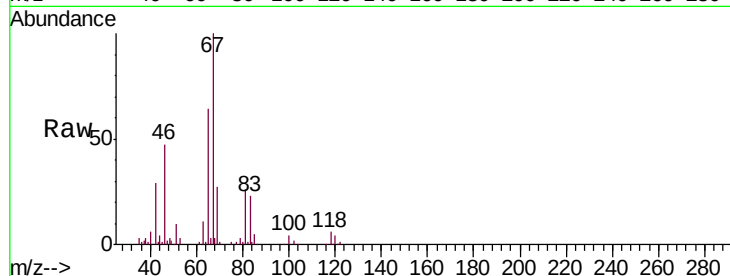




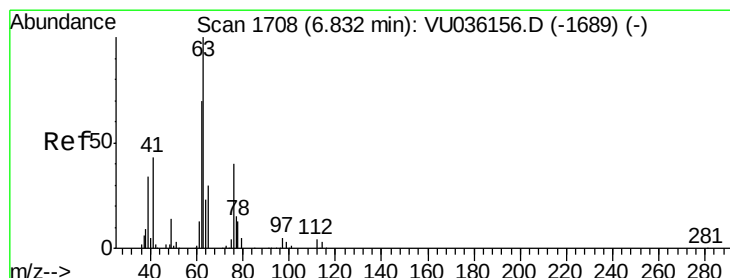
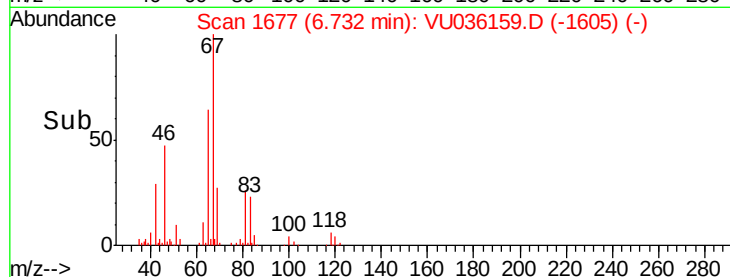
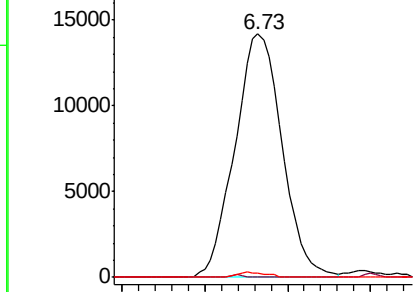
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036159.D
Acq: 12 Dec 2019 19:34

Instrument :
MSVOA_U
ClientSampleId :
BFD9

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.9	92.9#
98	1.3	35.8	53.6#

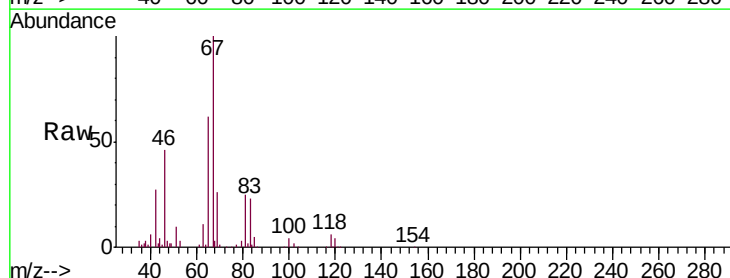


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

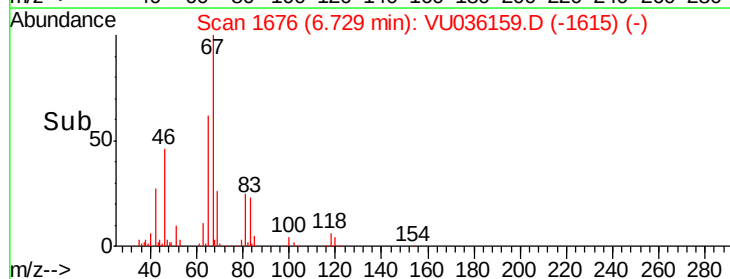
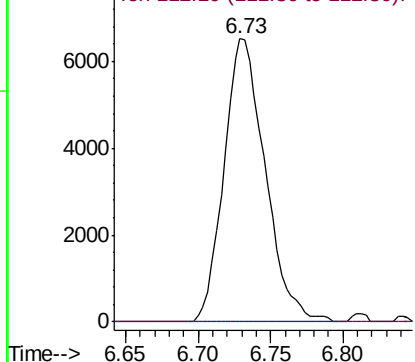


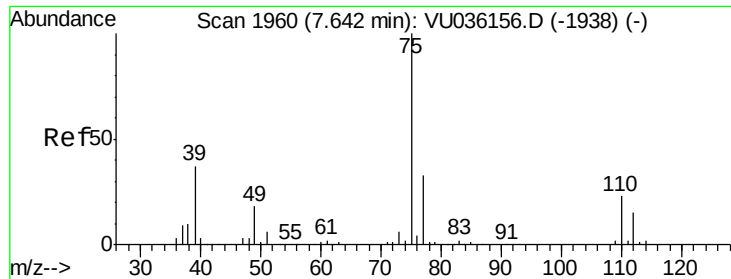
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036159.D
Acq: 12 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#



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

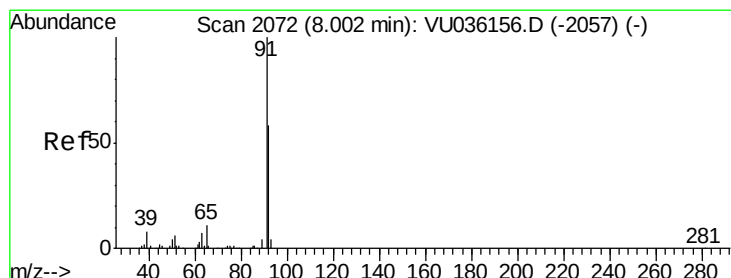
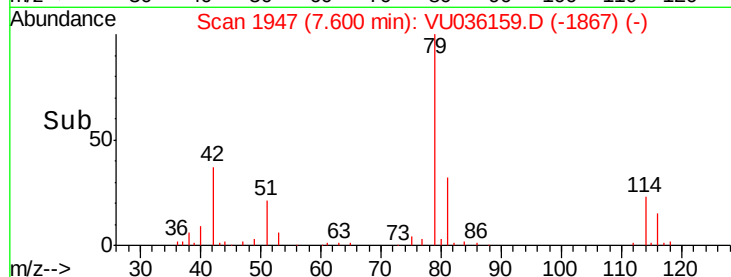
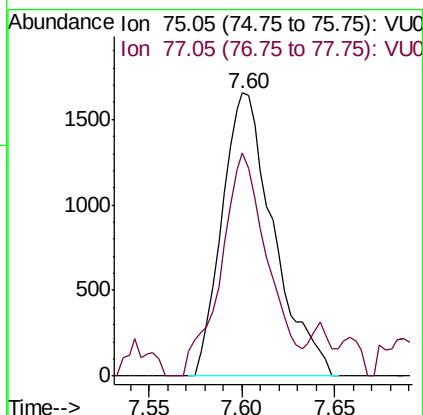
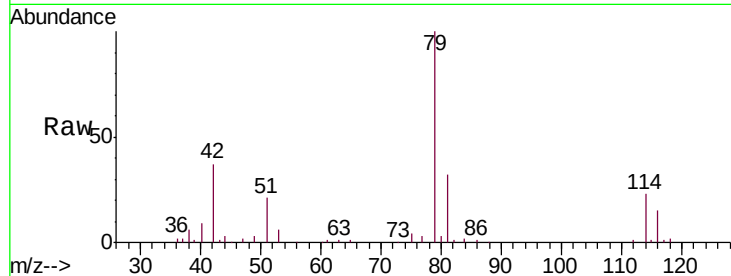




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036159.D
 Acq: 12 Dec 2019 19:34

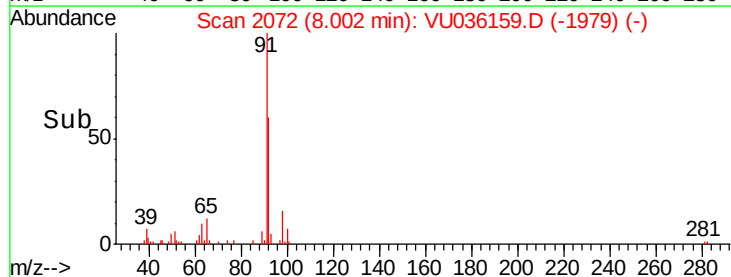
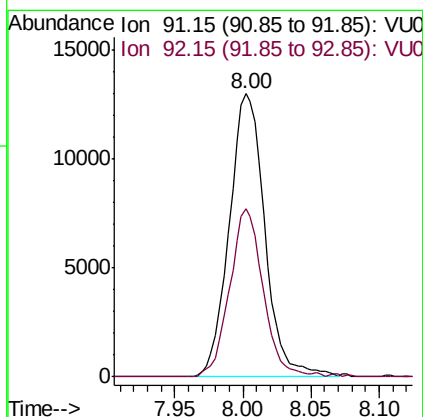
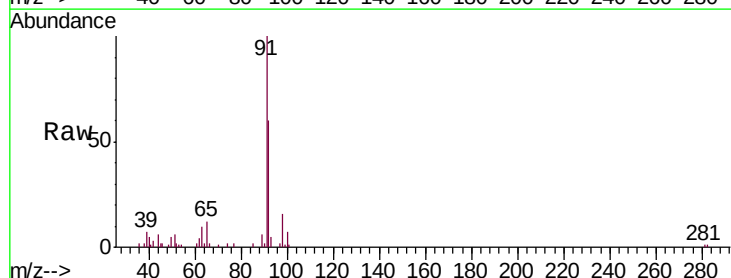
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD9

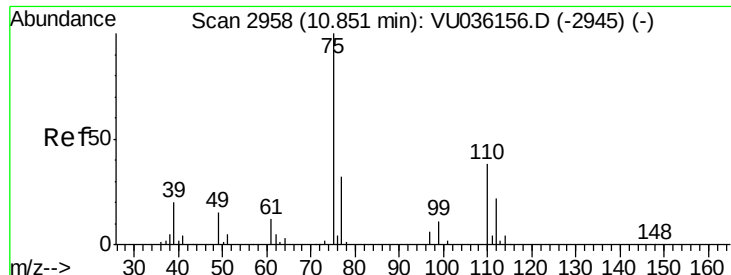
Tgt Ion: 75 Resp: 3191
 Ion Ratio Lower Upper
 75 100
 77 79.0 22.3 41.5#



#42
 Toluene
 Concen: 0.246 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036159.D
 Acq: 12 Dec 2019 19:34

Tgt Ion: 91 Resp: 23509
 Ion Ratio Lower Upper
 91 100
 92 59.5 40.7 75.7





#59

1,2,3-Trichloropropane

Concen: 0.754 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036159.D

Acq: 12 Dec 2019 19:34

Instrument :

MSVOA_U

ClientSampleId :

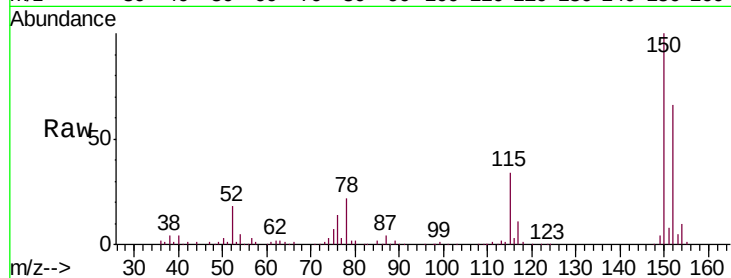
BFD9

Tgt Ion: 75 Resp: 11561

Ion Ratio Lower Upper

75 100

77 40.2 26.6 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

