

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040158.D
 Acq On : 16 Sep 2020 19:10
 Operator : SY/MD
 Sample : L4041-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8

Quant Time: Sep 17 01:12:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25617	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	23454	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	44061	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	99099	43.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.94%
24) Chloroform-d	5.08	84	54081	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.72	65	36052	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.75	84	105577	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	34751	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.91	98	79511	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.19	79	13652	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.64	63	67828	38.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30093	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	32325	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

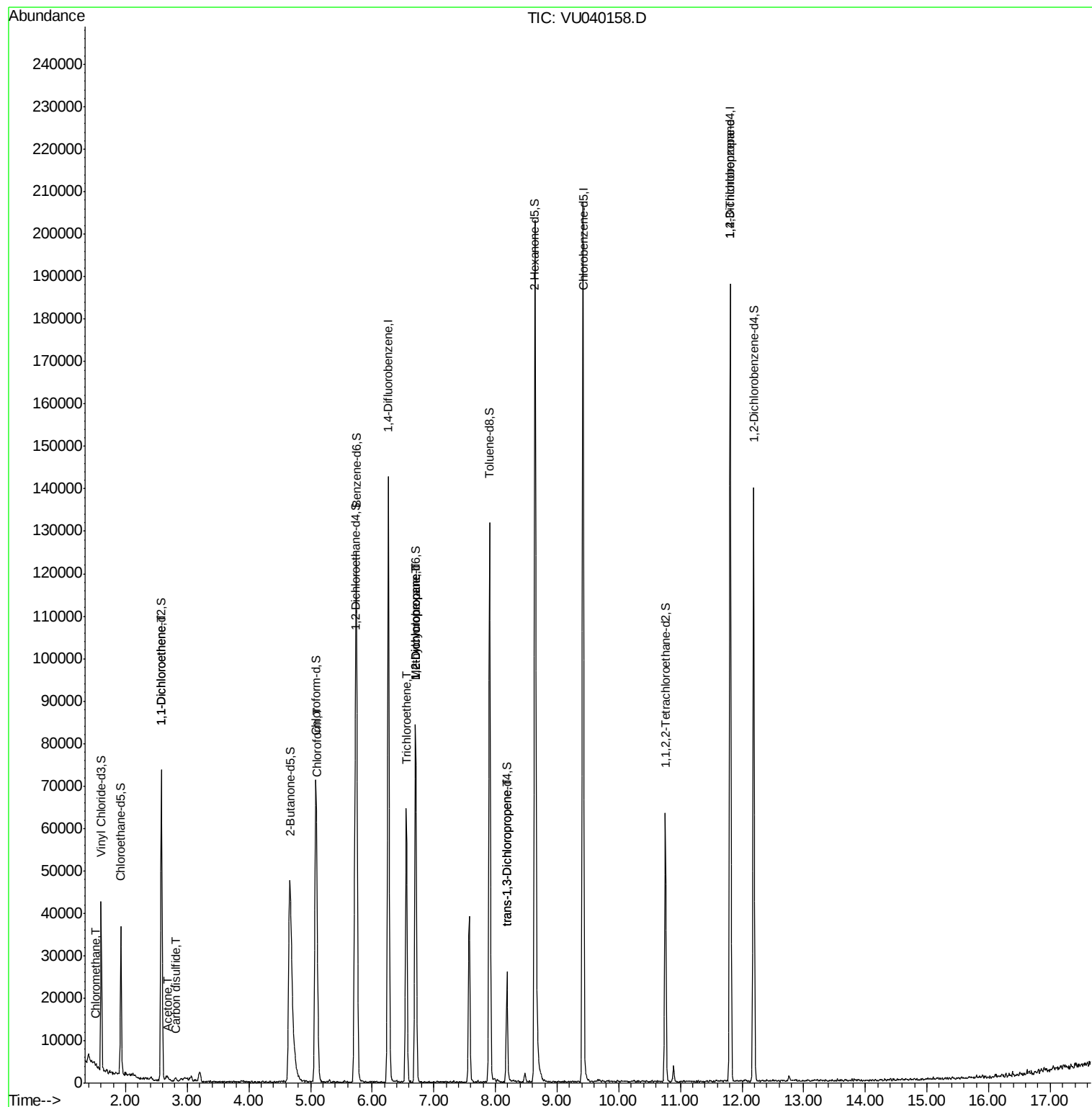
					Ovalue
3) Chloromethane	1.53	50	596	0.061 ug/L	92
12) 1,1-Dichloroethene	2.59	96	981	0.123 ug/L #	1
13) Acetone	2.68	43	1749	0.838 ug/L	98
14) Carbon disulfide	2.80	76	1210	0.047 ug/L #	75
25) Chloroform	5.11	83	17568	0.970 ug/L	99
34) Trichloroethene	6.55	95	20866	2.091 ug/L	97
35) Methylcyclohexane	6.70	83	8417	0.551 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4317	0.429 ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	601	0.044 ug/L #	31
59) 1,2,3-Trichloropropane	11.81	75	6489	0.870 ug/L #	75

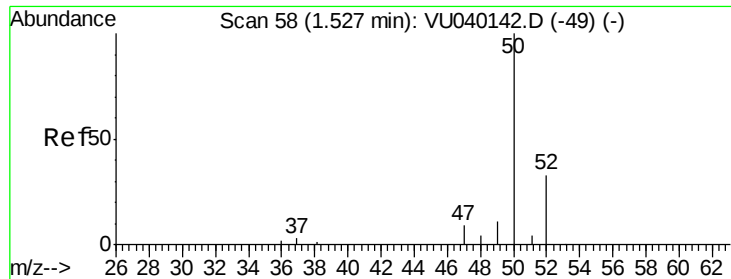
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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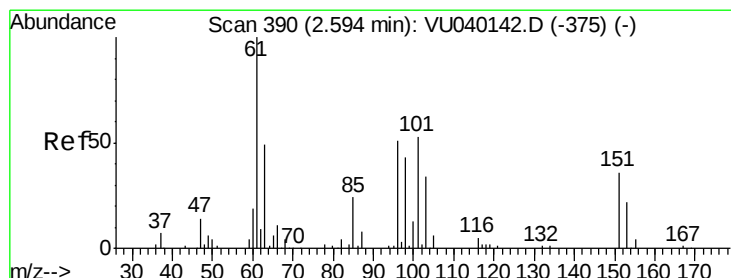
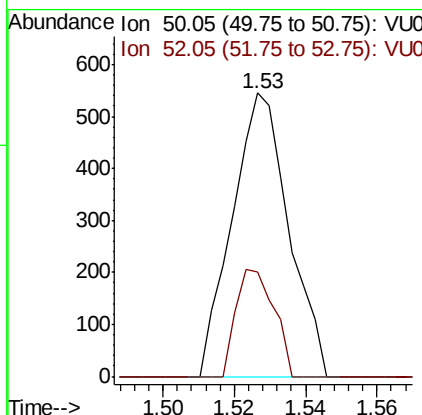
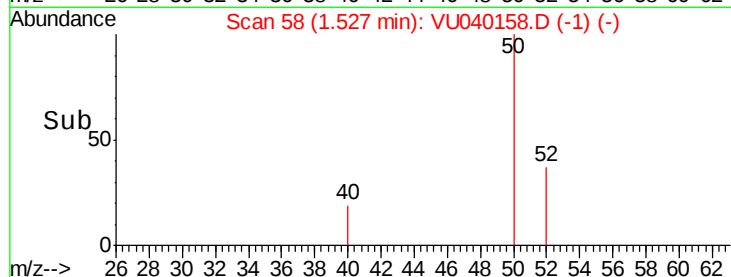
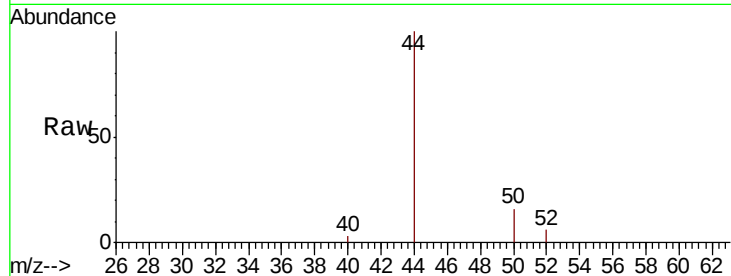




#3
 Chloromethane
 Concen: 0.061 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU040158.D
 Acq: 16 Sep 2020 19:10

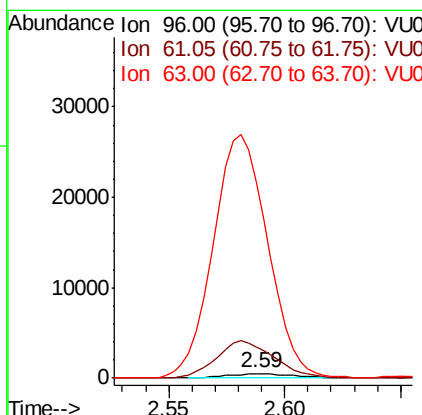
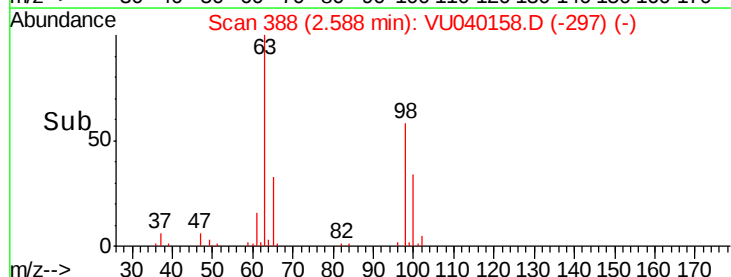
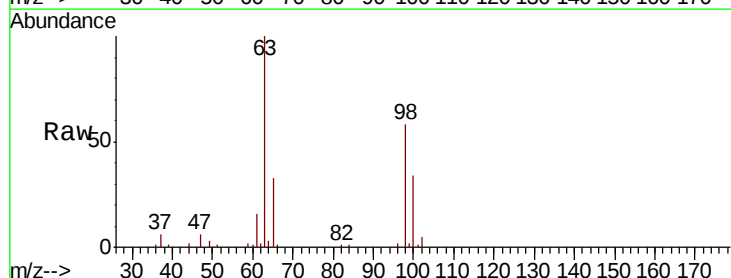
Instrument :
 MSVOA_U
 ClientSampleID :
 C0AD8

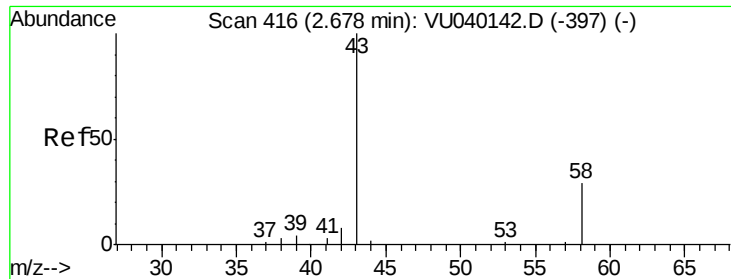
Tot Ion: 50 Resp: 596
 Ion Ratio Lower Upper
 50 100
 52 36.9 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.123 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VU040158.D
 Acq: 16 Sep 2020 19:10

Tgt Ion: 96 Resp: 981
 Ion Ratio Lower Upper
 96 100
 61 699.4 138.3 256.8#
 63 4349.5 77.6 144.2#





#13

Acetone

Concen: 0.838 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU040158.D

Acq: 16 Sep 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

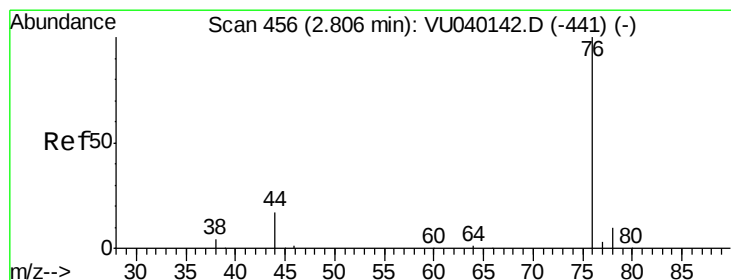
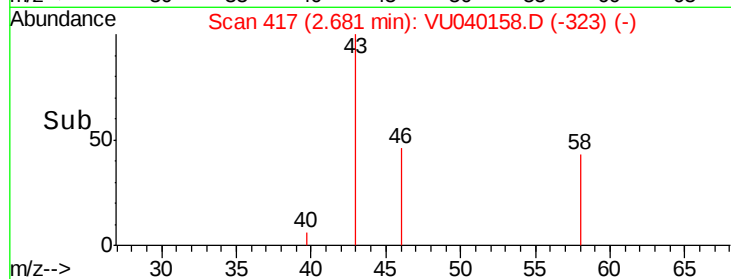
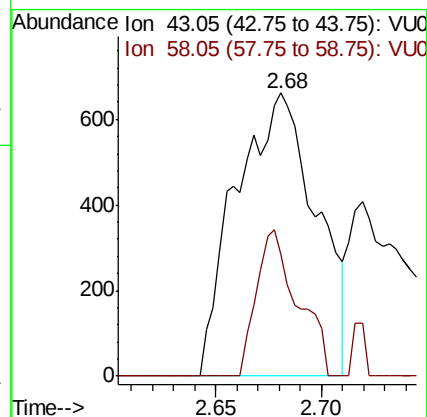
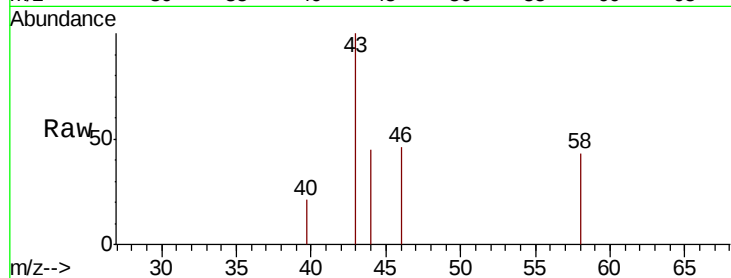
C0AD8

Tot Ion: 43 Resp: 1749

Ion Ratio Lower Upper

43 100

58 26.7 0.0 55.4



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040158.D

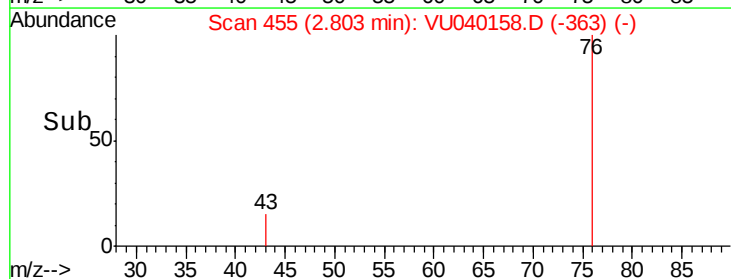
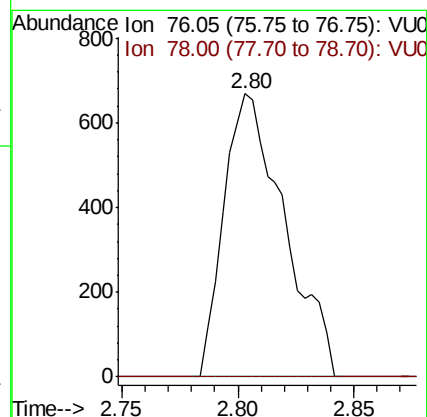
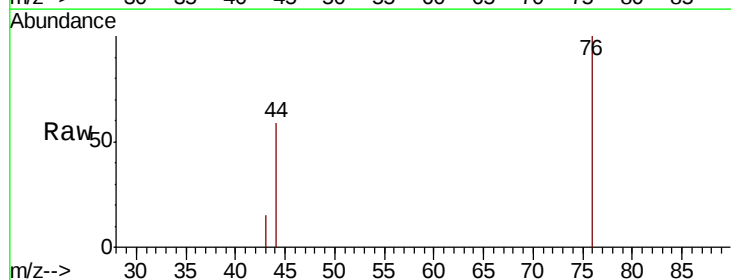
Acq: 16 Sep 2020 19:10

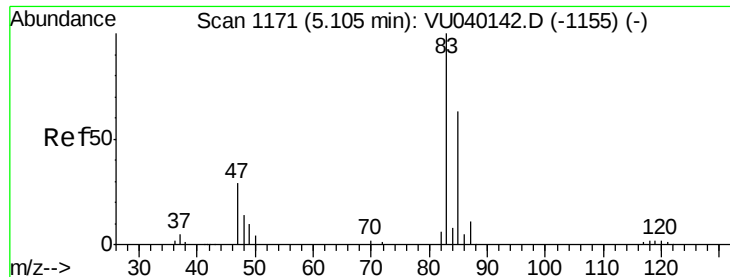
Tgt Ion: 76 Resp: 1210

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

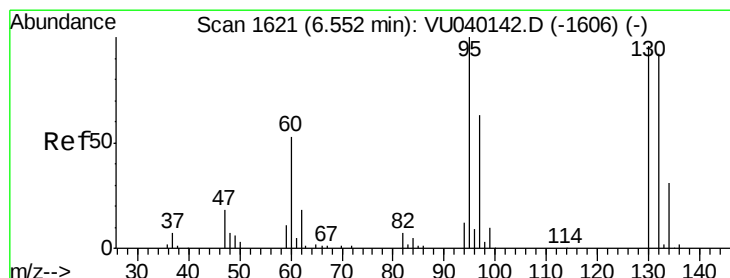
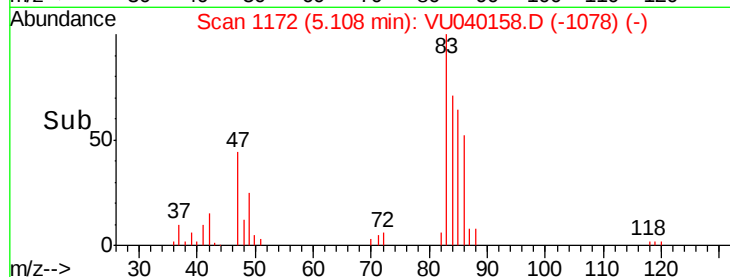
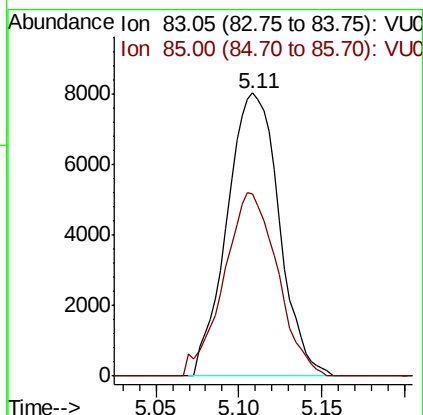
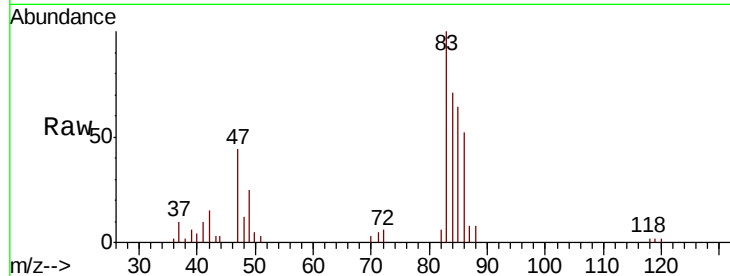




#25
Chloroform
Concen: 0.970 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

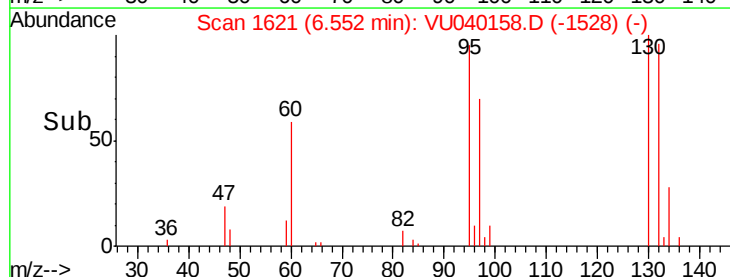
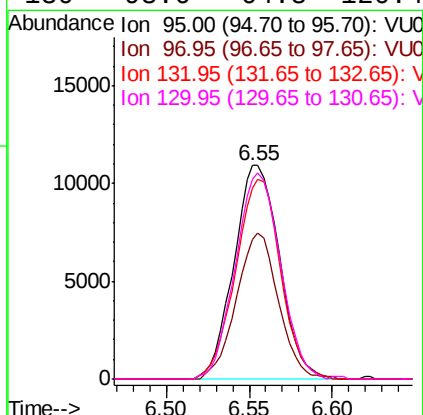
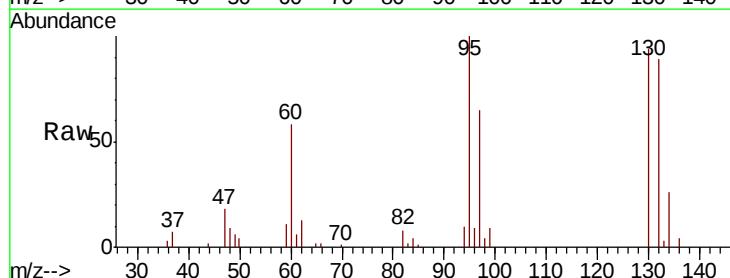
Instrument :
MSVOA_U
ClientSampleId :
C0AD8

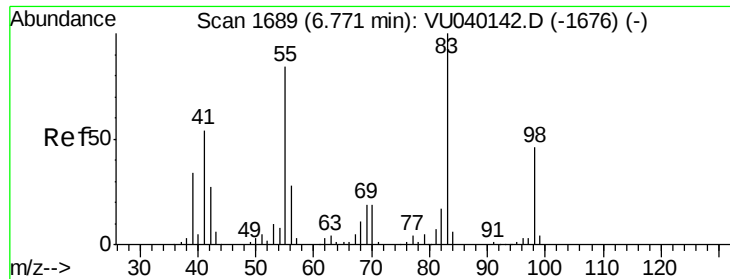
Tot Ion: 83 Resp: 17568
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1



#34
Trichloroethene
Concen: 2.091 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

Tgt Ion: 95 Resp: 20866
Ion Ratio Lower Upper
95 100
97 65.1 43.3 80.5
132 89.4 59.4 110.4
130 93.6 64.8 120.4

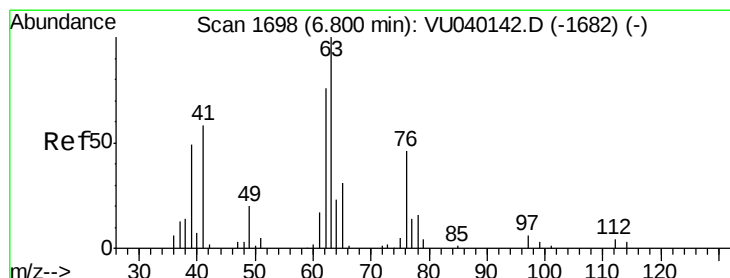
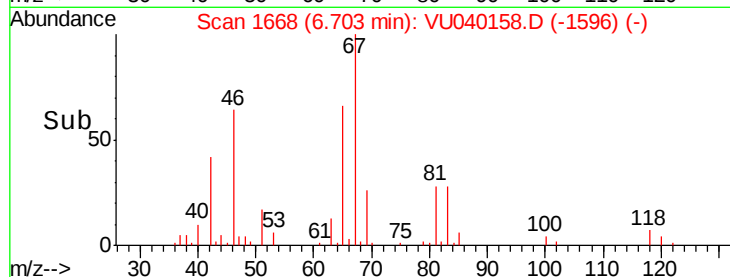
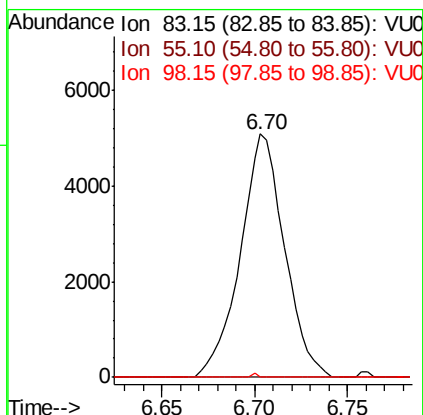
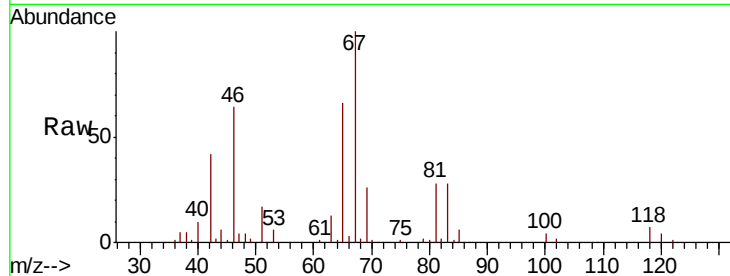




#35
Methvlcvclohexane
Concen: 0.551 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

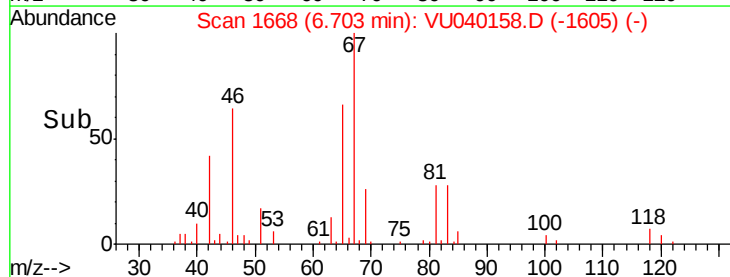
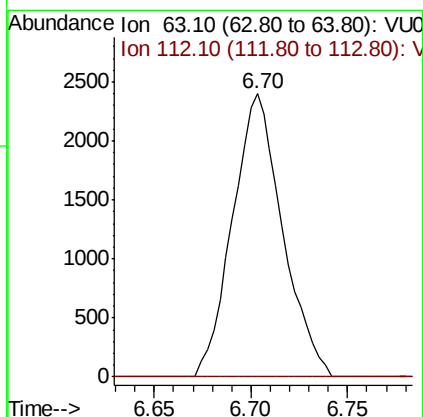
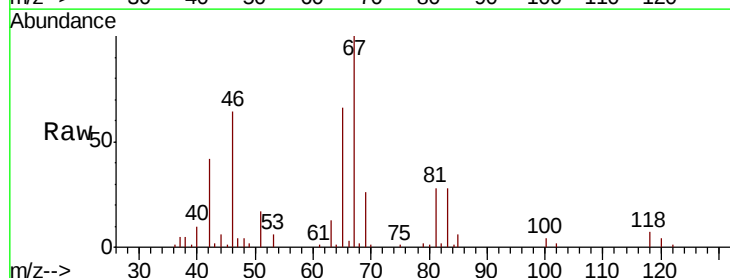
Instrument :
MSVOA_U
ClientSampleId :
C0AD8

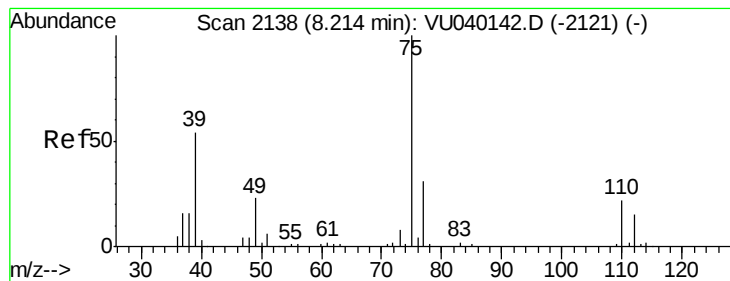
Tot Ion: 83 Resp: 8417
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.429 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

Tgt Ion: 63 Resp: 4317
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#44

trans-1,3-Dichloropropene

Concen: 0.044 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040158.D

Acq: 16 Sep 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

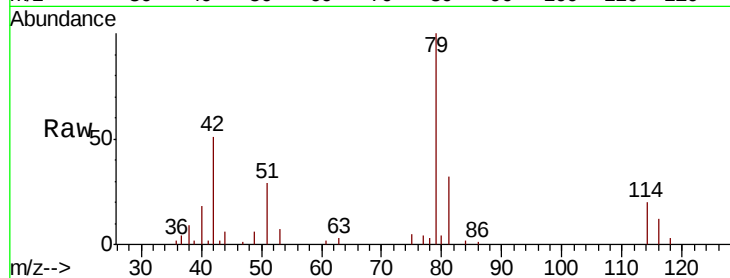
C0AD8

Tot Ion: 75 Resp: 601

Ion Ratio Lower Upper

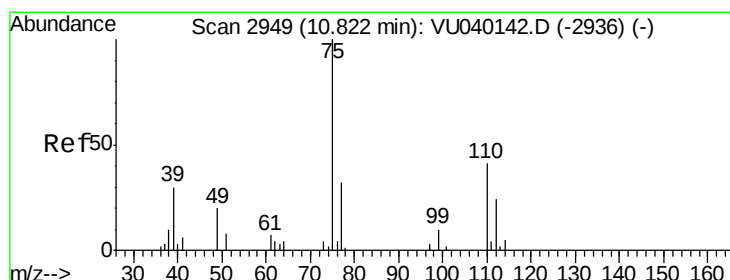
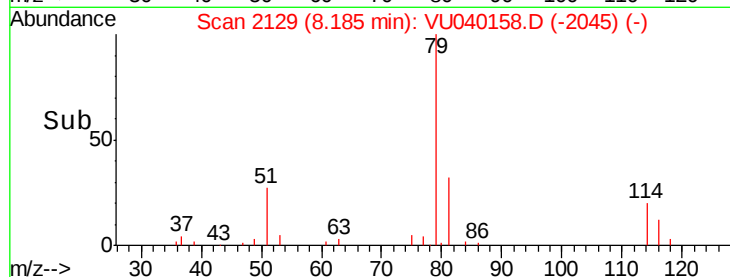
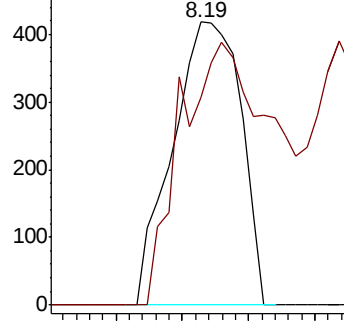
75 100

77 73.4 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.870 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040158.D

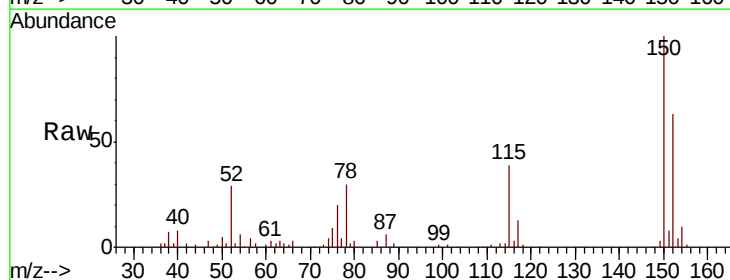
Acq: 16 Sep 2020 19:10

Tgt Ion: 75 Resp: 6489

Ion Ratio Lower Upper

75 100

77 44.8 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

