

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091520\
 Data File : VU040138.D
 Acq On : 15 Sep 2020 14:44
 Operator : SY/MD
 Sample : L4001-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP3

Quant Time: Sep 16 03:12:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 16 03:11:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56416	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40382	6.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	1.92	69	36114	6.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.80%
11) 1,1-Dichloroethene-d2	2.58	63	70560	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.66	46	157536	58.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.86%
24) Chloroform-d	5.08	84	85585	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.72	65	54585	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.74	84	161354	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.70	67	51954	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.90	98	131012	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	20961	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	114524	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45979	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	52664	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

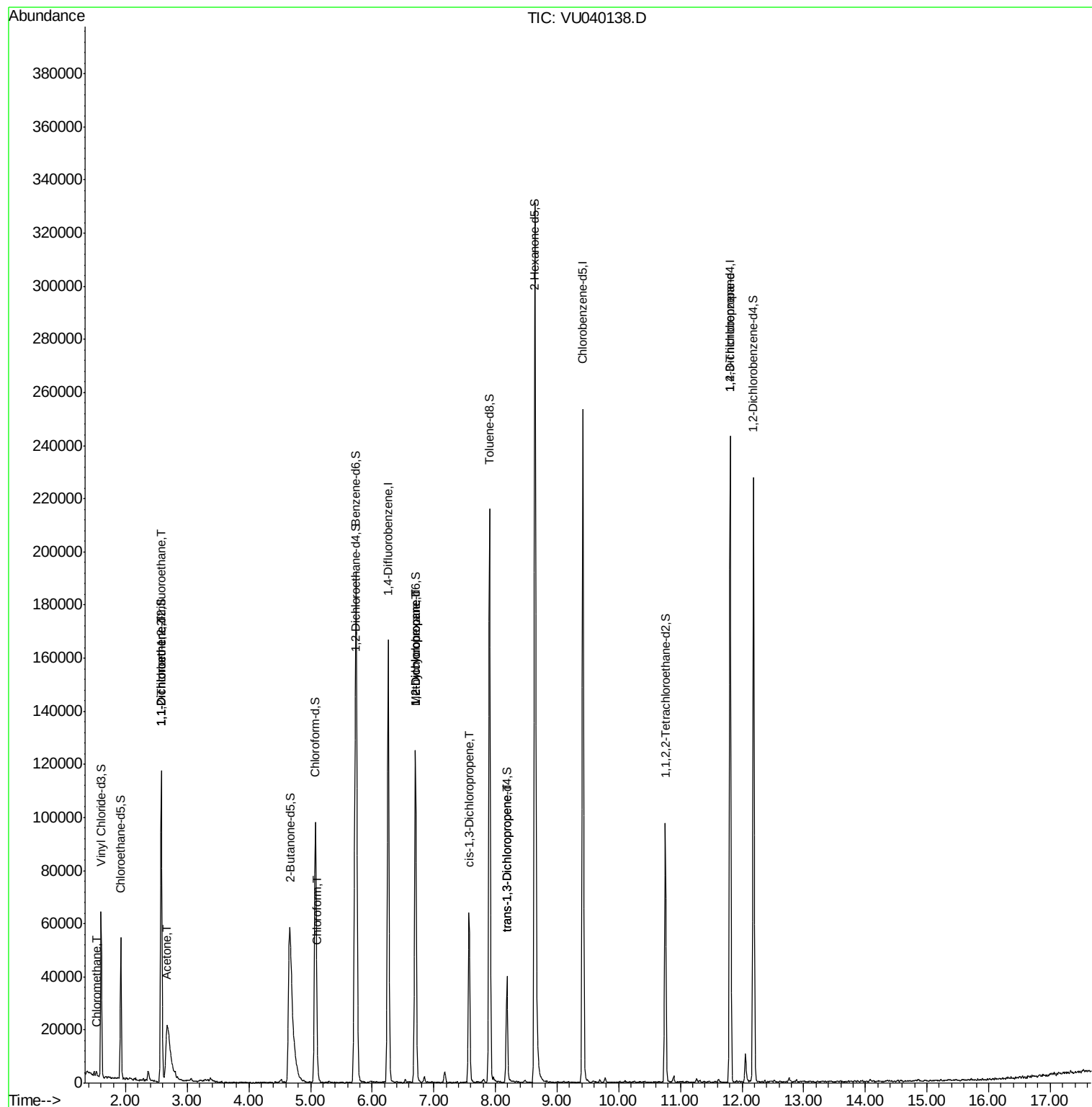
					Ovalue
3) Chloromethane	1.52	50	1085	0.093 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	614	0.056 ug/L #	22
12) 1,1-Dichloroethene	2.57	96	535	0.056 ug/L #	1
13) Acetone	2.67	43	69925	28.256 ug/L	69
25) Chloroform	5.11	83	1452	0.068 ug/L	84
35) Methylcyclohexane	6.70	83	13338	0.718 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6932	0.566 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1796	0.099 ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	1246	0.074 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8709	0.960 ug/L #	87

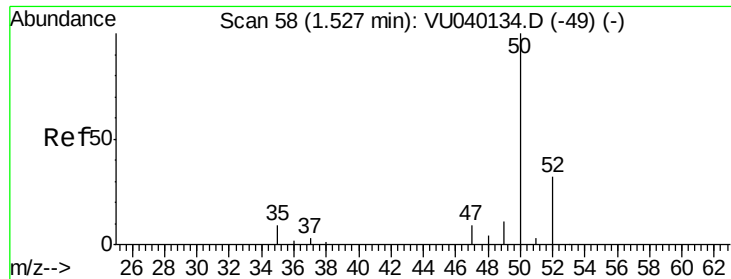
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040138.D

Acq: 15 Sep 2020 14:44

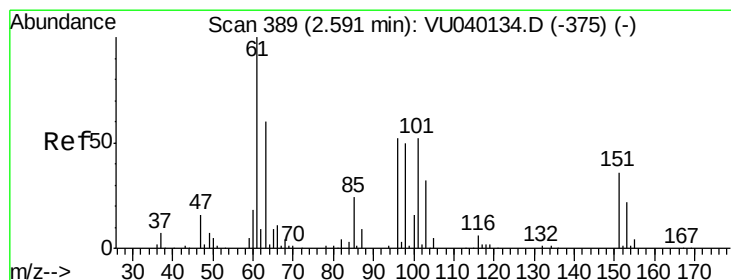
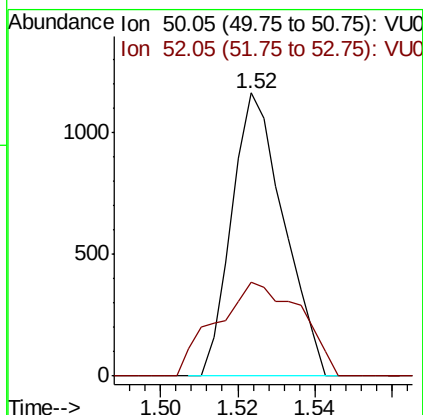
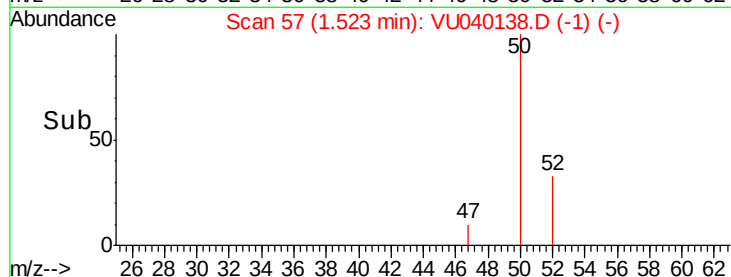
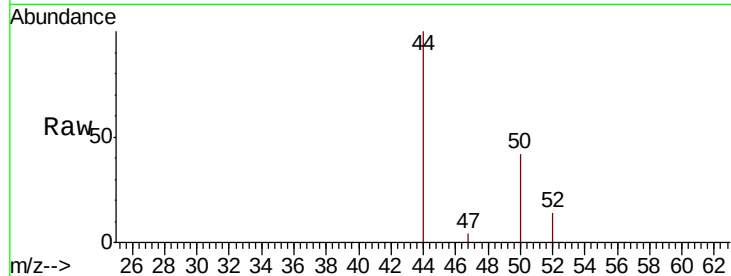
Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tot Ion: 50 Resp: 1085

Ion Ratio Lower Upper

50 100

52 33.0 22.8 42.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.056 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040138.D

Acq: 15 Sep 2020 14:44

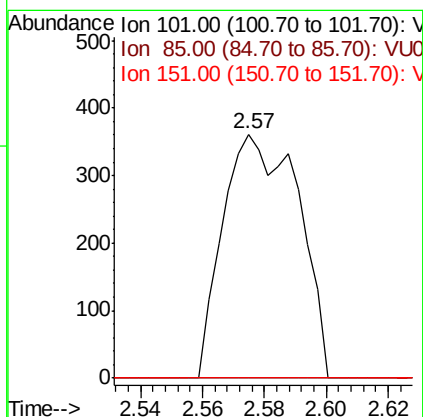
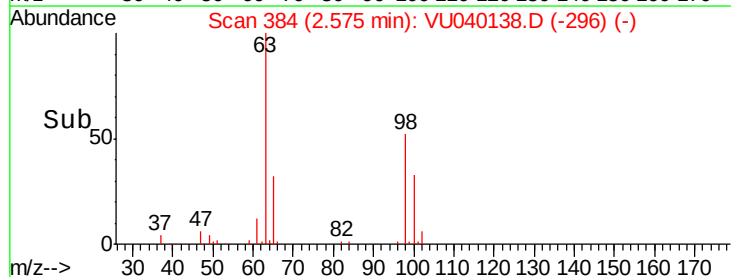
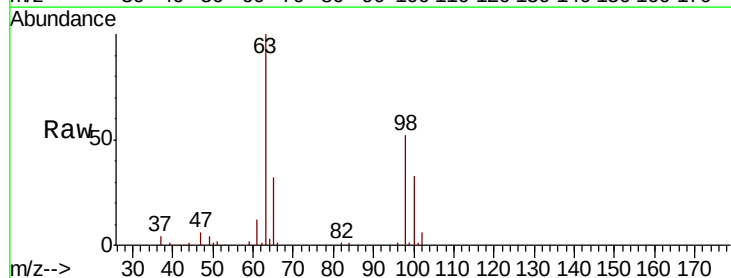
Tgt Ion:101 Resp: 614

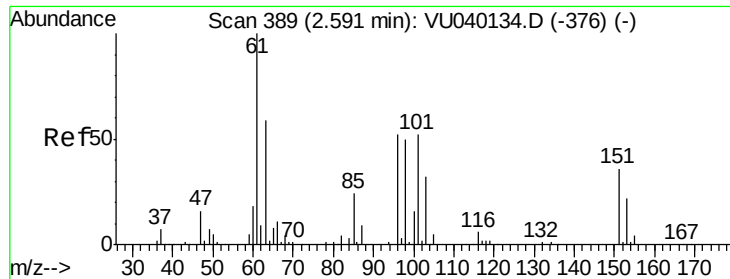
Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

151 0.0 53.9 80.9#





#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040138.D

Acq: 15 Sep 2020 14:44

Instrument :

MSVOA_U

ClientSampleId :

ETYP3

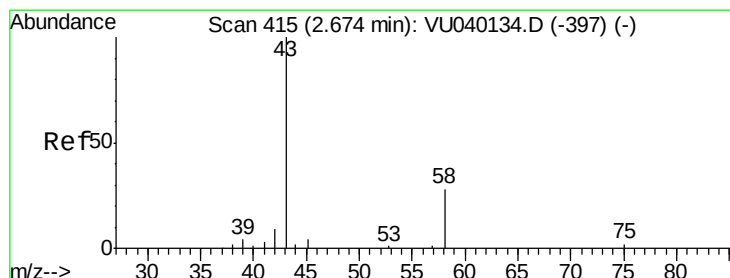
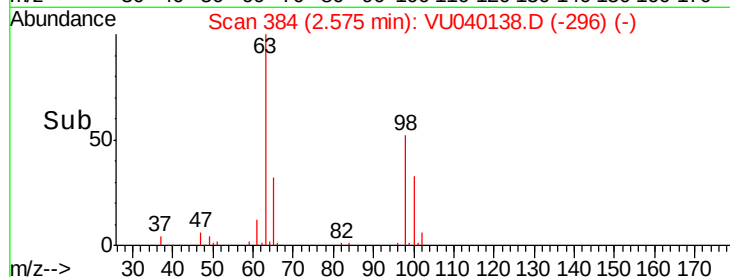
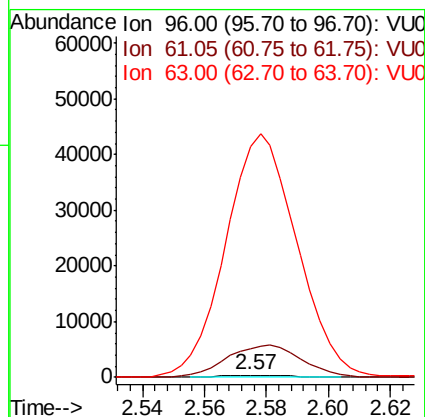
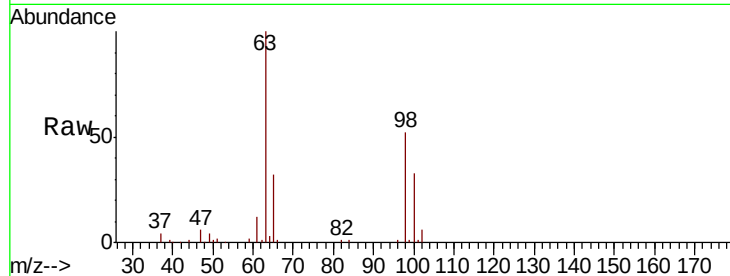
Tot Ion: 96 Resp: 535

Ion Ratio Lower Upper

96 100

61 1374.3 138.3 256.8#

63 11252.0 77.6 144.2#



#13

Acetone

Concen: 28.256 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU040138.D

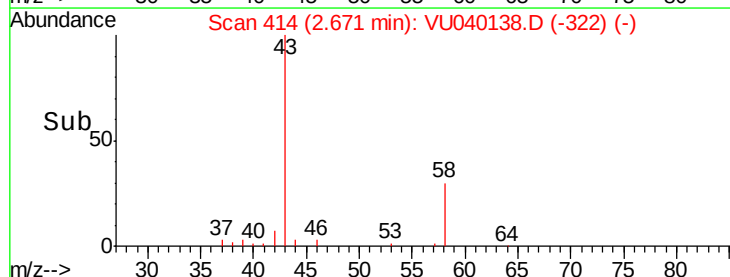
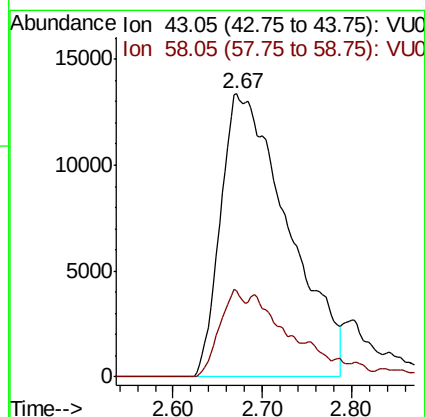
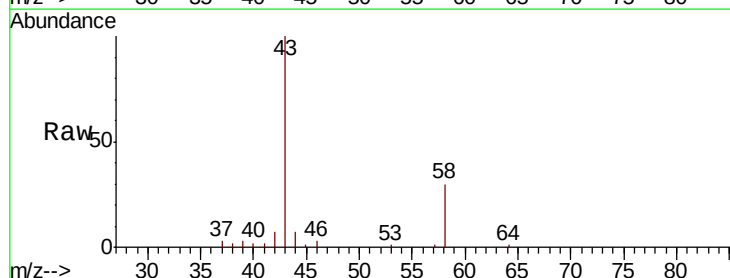
Acq: 15 Sep 2020 14:44

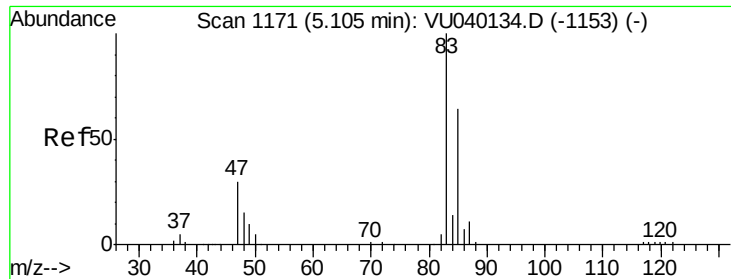
Tgt Ion: 43 Resp: 69925

Ion Ratio Lower Upper

43 100

58 11.2 0.0 55.4

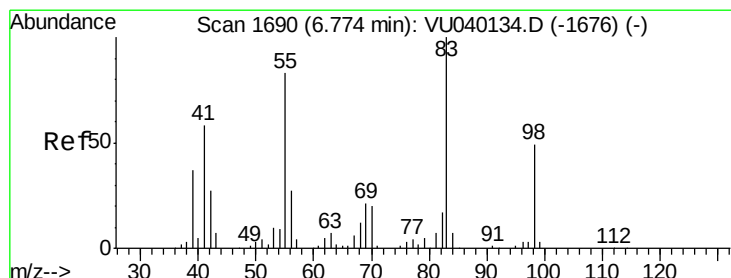
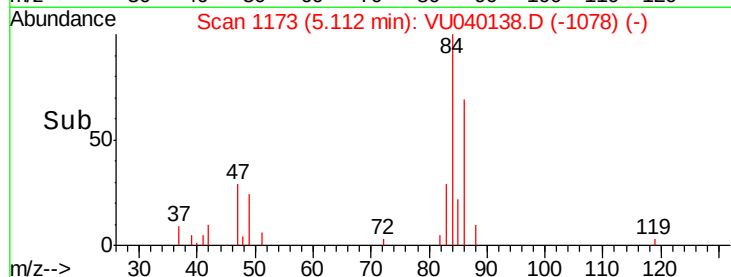
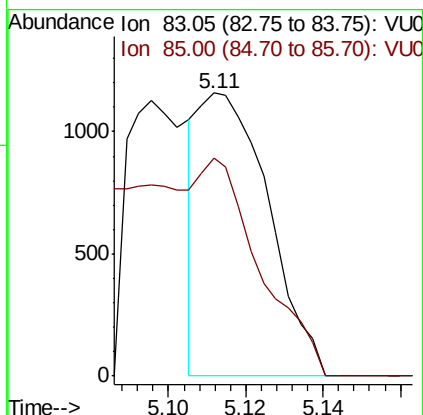
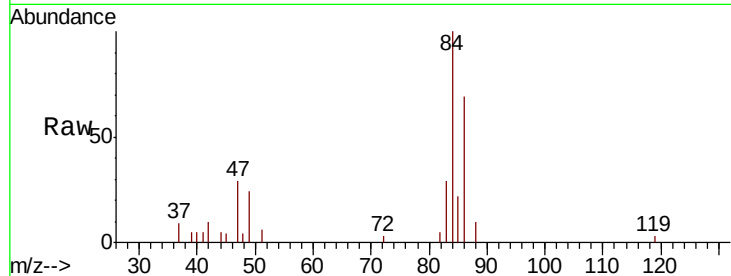




#25
Chloroform
Concen: 0.068 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040138.D
Acq: 15 Sep 2020 14:44

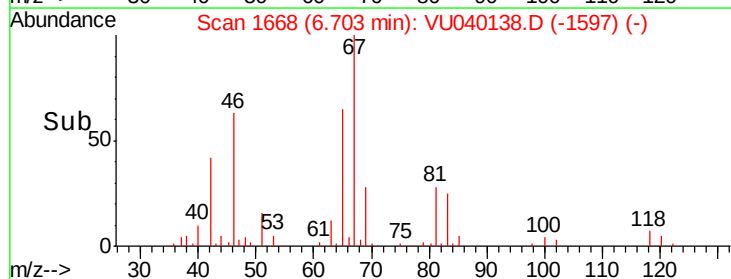
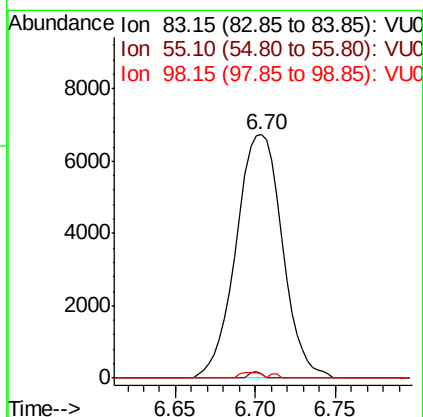
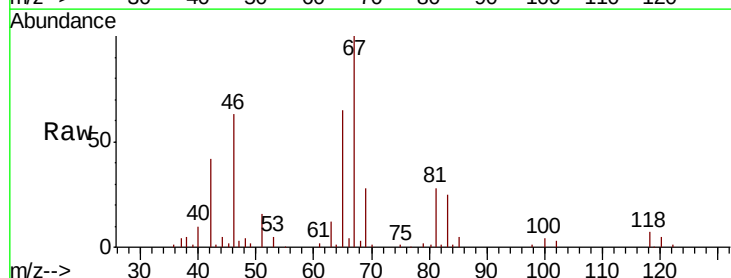
Instrument :
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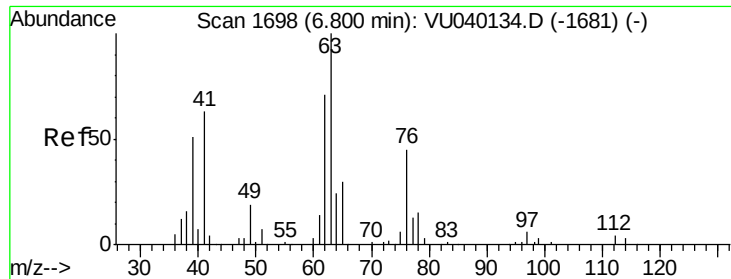
Tot Ion: 83 Resp: 1452
Ion Ratio Lower Upper
83 100
85 77.1 45.3 84.1



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040138.D
Acq: 15 Sep 2020 14:44

Tgt Ion: 83 Resp: 13338
Ion Ratio Lower Upper
83 100
55 0.6 70.5 105.7#
98 1.1 37.8 56.6#

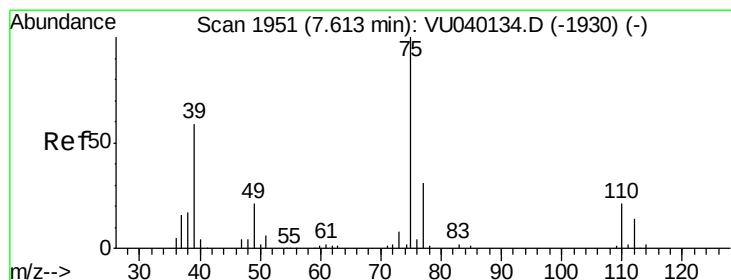
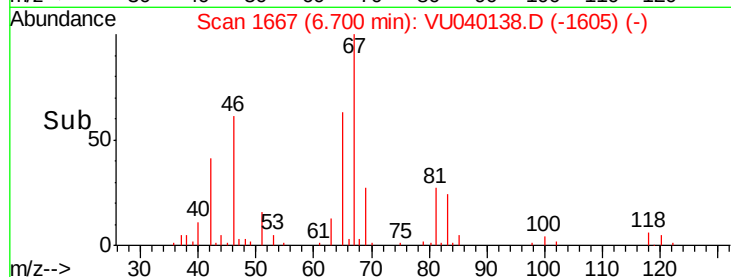
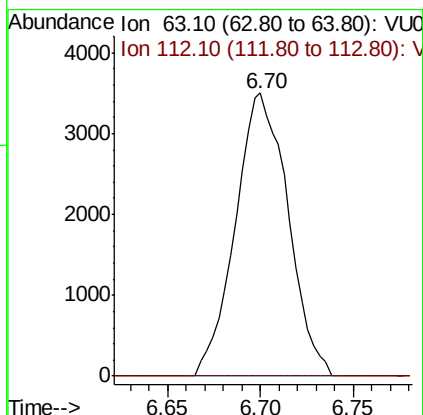
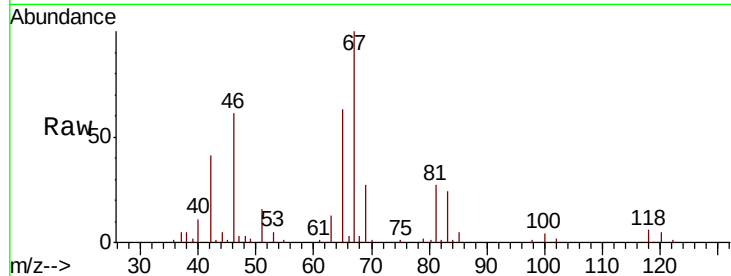




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040138.D
 Acq: 15 Sep 2020 14:44

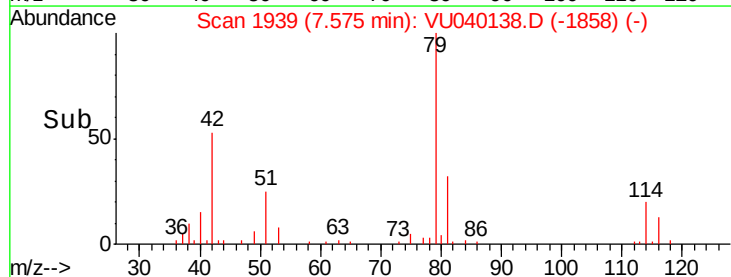
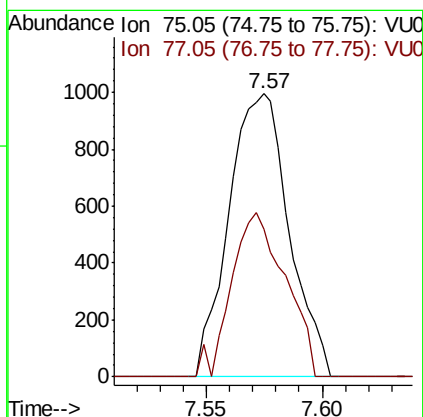
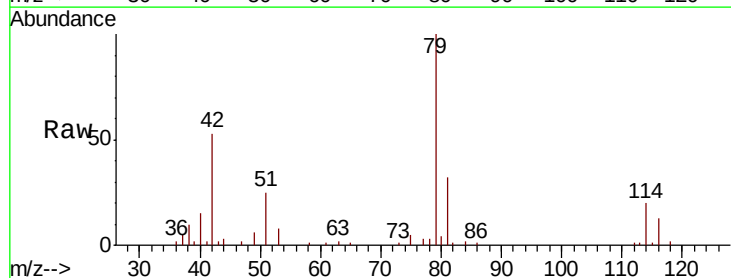
Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP3

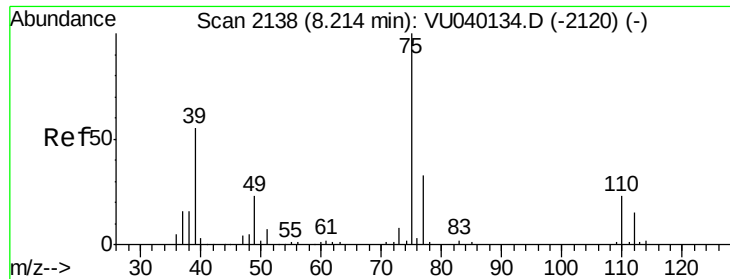
Tot Ion: 63 Resp: 6932
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040138.D
 Acq: 15 Sep 2020 14:44

Tgt Ion: 75 Resp: 1796
 Ion Ratio Lower Upper
 75 100
 77 52.4 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040138.D

Acq: 15 Sep 2020 14:44

Instrument :

MSVOA_U

ClientSampled :

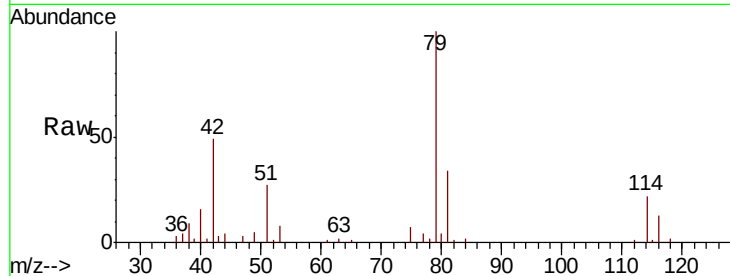
ETYP3

Tot Ion: 75 Resp: 1246

Ion Ratio Lower Upper

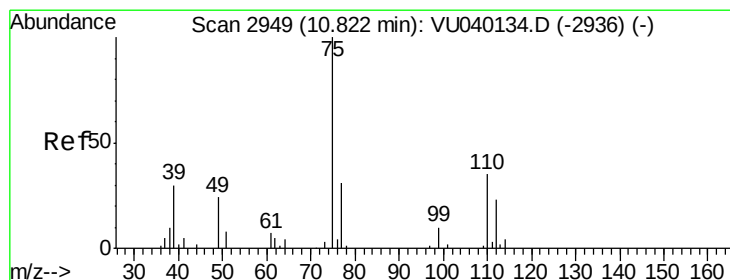
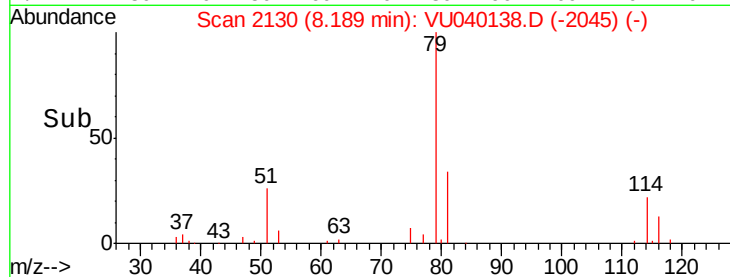
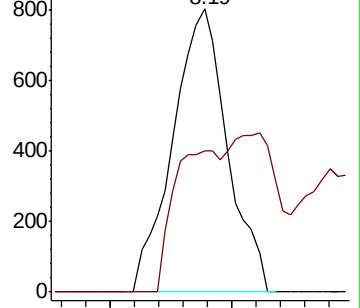
75 100

77 50.1 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: 0.960 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040138.D

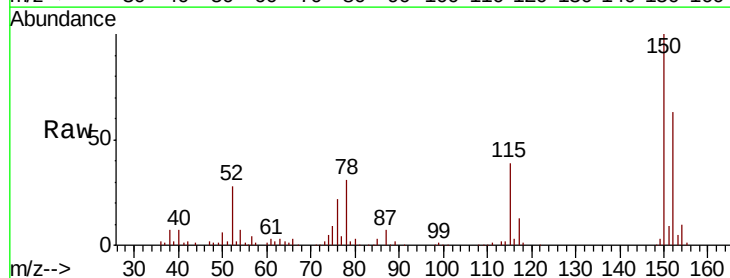
Acq: 15 Sep 2020 14:44

Tgt Ion: 75 Resp: 8709

Ion Ratio Lower Upper

75 100

77 38.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

