

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040753.D
 Acq On : 16 Oct 2020 17:28
 Operator : SY/MD
 Sample : L4419-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ7

Quant Time: Oct 16 23:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116745	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37684	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	36286	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	60142	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	158481	54.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	5.08	84	85010	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	53147	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.74	84	152594	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	53853	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.91	98	119184	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	17933	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	106450	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46752	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	47770	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

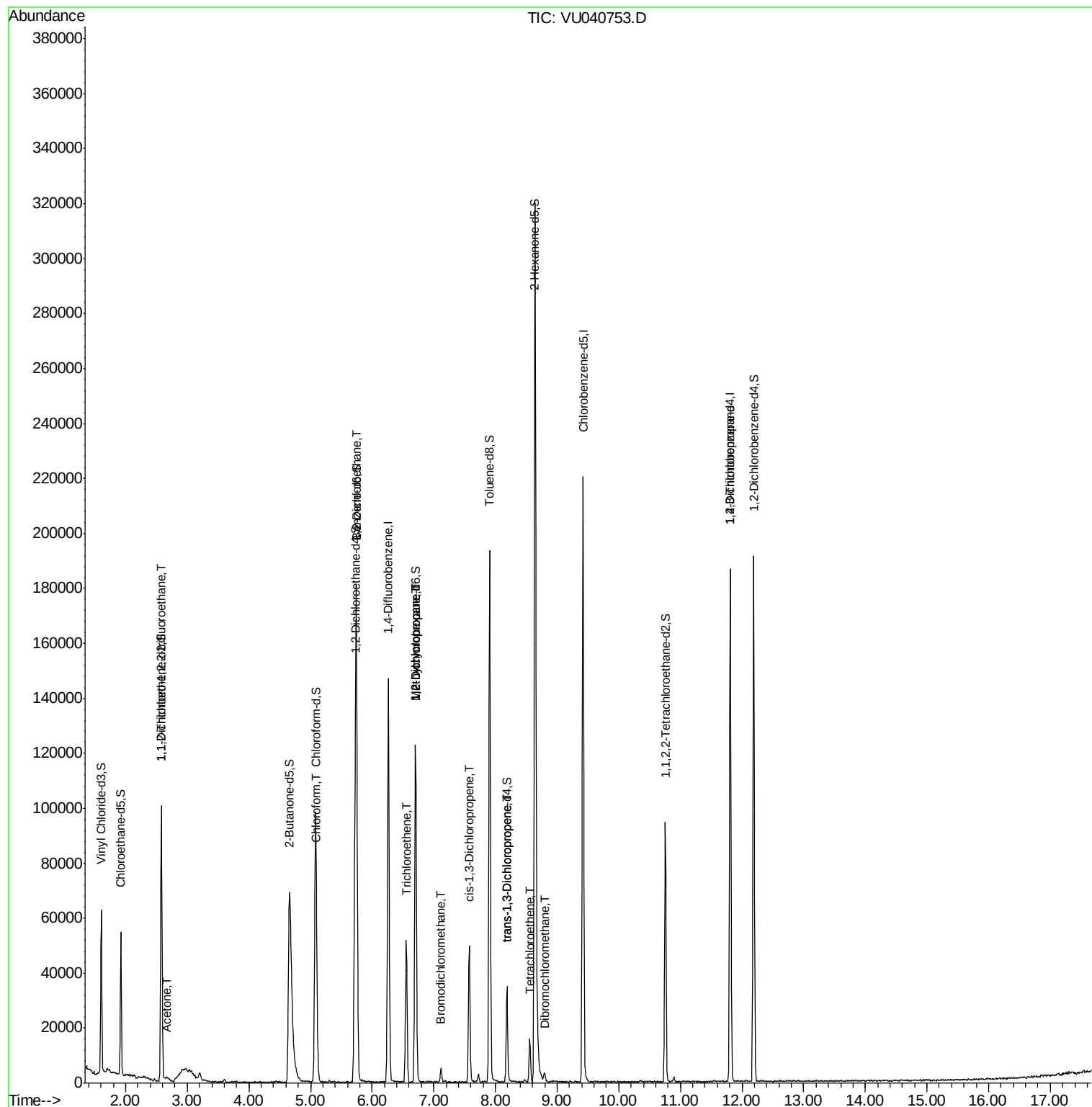
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	447	0.049	ug/L #	20
13) Acetone	2.66	43	2487	1.098	ug/L	82
25) Chloroform	5.11	83	8901	0.512	ug/L	96
27) 1,2-Dichloroethane	5.74	62	1084	0.088	ug/L #	77
34) Trichloroethene	6.55	95	16517	1.699	ug/L	97
35) Methylcyclohexane	6.71	83	13069	0.948	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	6086	0.582	ug/L #	87
38) Bromodichloromethane	7.12	83	3443	0.258	ug/L #	92
39) cis-1,3-Dichloropropene	7.57	75	1437	0.101	ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	783	0.060	ug/L #	38
47) Tetrachloroethene	8.56	164	3512	0.506	ug/L	93
49) Dibromochloromethane	8.81	129	417	0.046	ug/L	89
59) 1,2,3-Trichloropropane	11.81	75	6236	0.812	ug/L	96

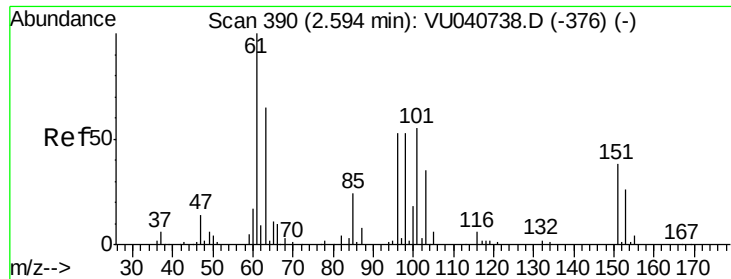
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.049 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0AJ7

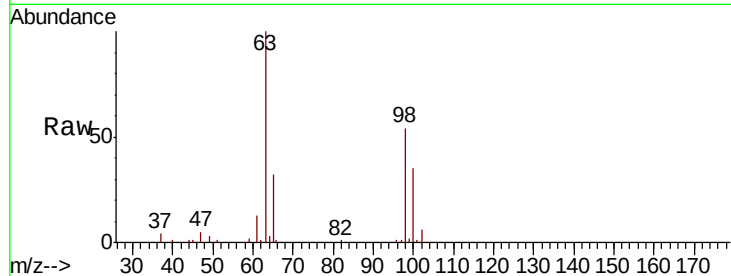
Tot Ion:101 Resp: 447

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

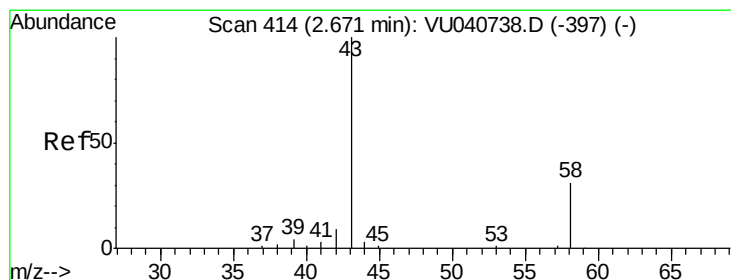
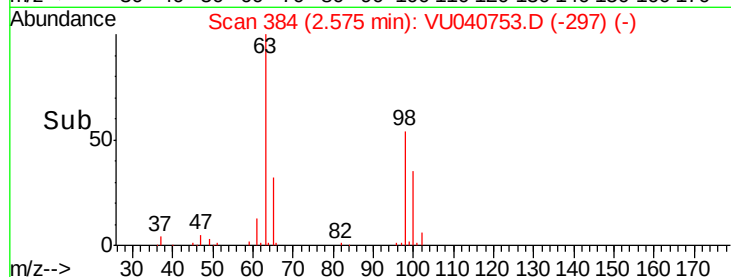
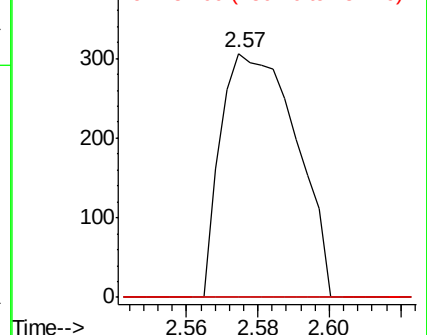
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.098 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU040753.D

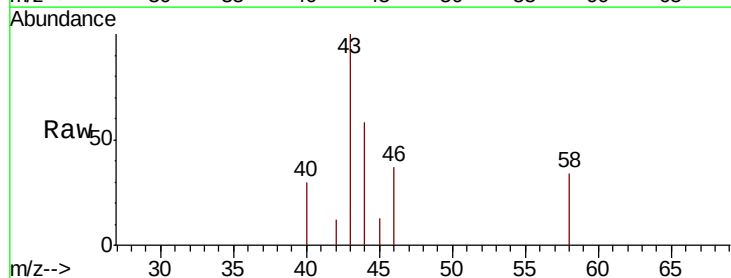
Acq: 16 Oct 2020 17:28

Tgt Ion: 43 Resp: 2487

Ion Ratio Lower Upper

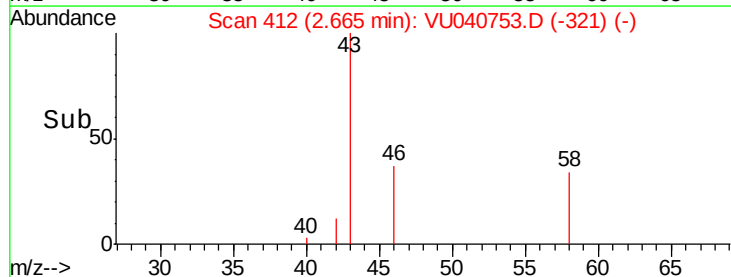
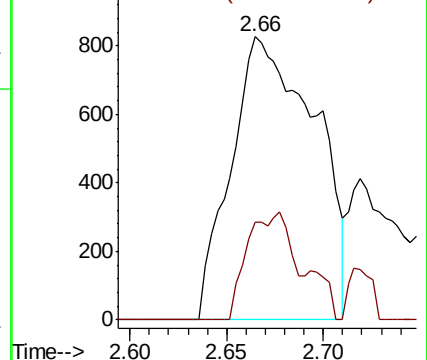
43 100

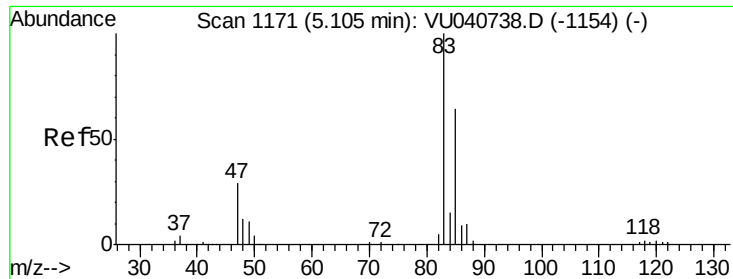
58 20.7 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

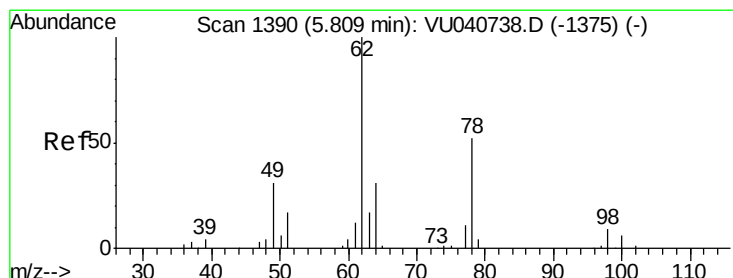
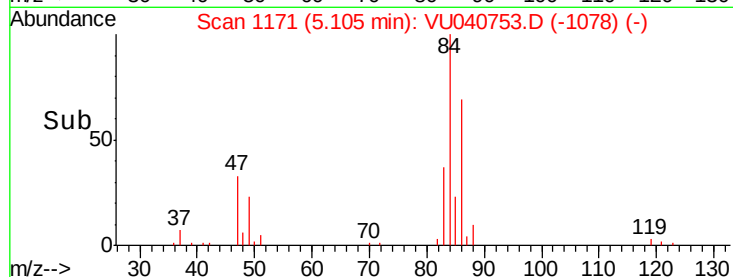
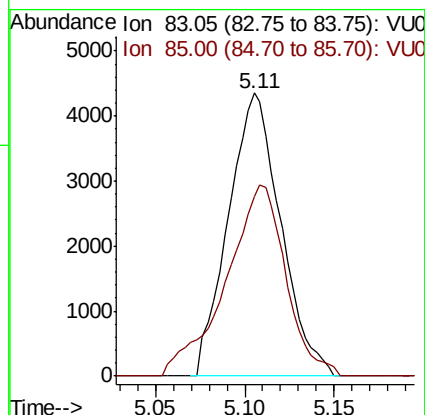
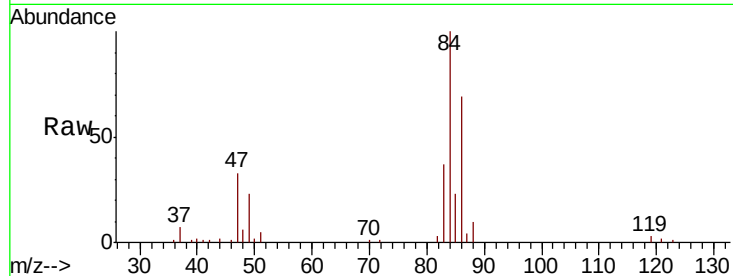




#25
Chloroform
Concen: 0.512 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040753.D
Acq: 16 Oct 2020 17:28

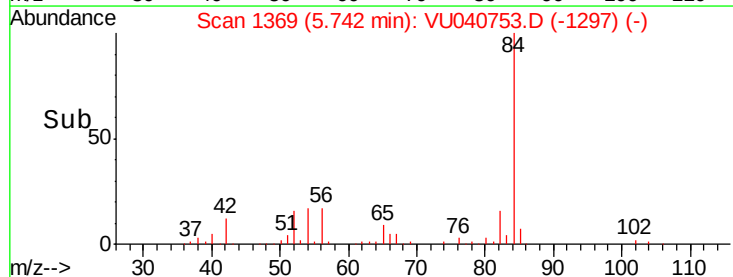
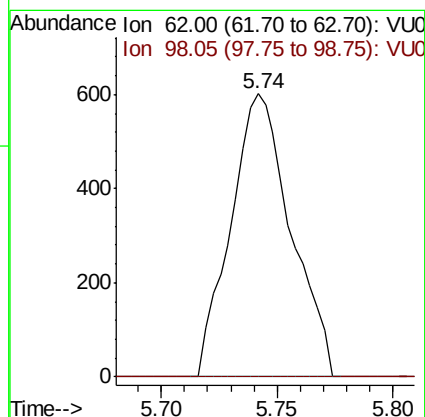
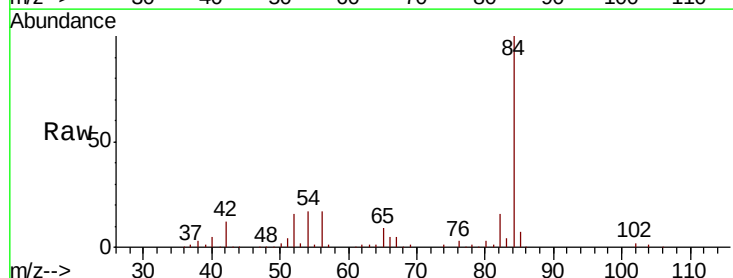
Instrument :
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ClientSampleId :
C0AJ7

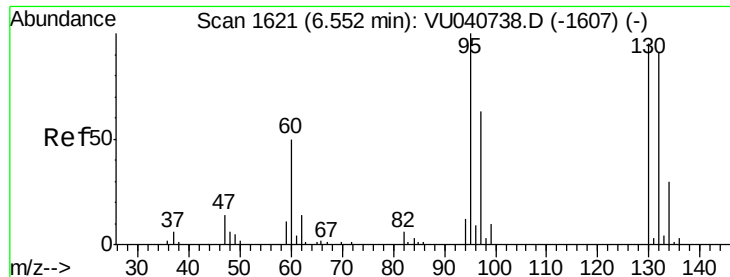
Tot Ion: 83 Resp: 8901
Ion Ratio Lower Upper
83 100
85 63.4 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040753.D
Acq: 16 Oct 2020 17:28

Tgt Ion: 62 Resp: 1084
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 1.699 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0AJ7

Tot Ion: 95 Resp: 16517

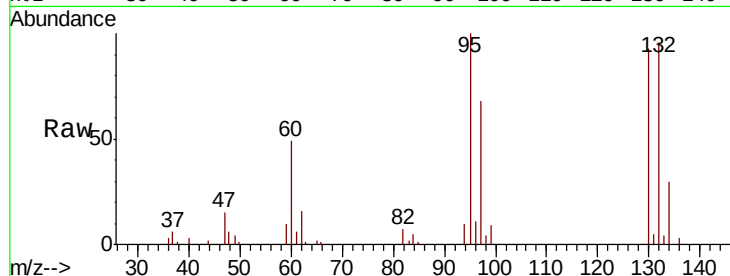
Ion Ratio Lower Upper

95 100

97 68.1 45.5 84.5

132 96.4 67.5 125.4

130 93.4 69.9 129.9

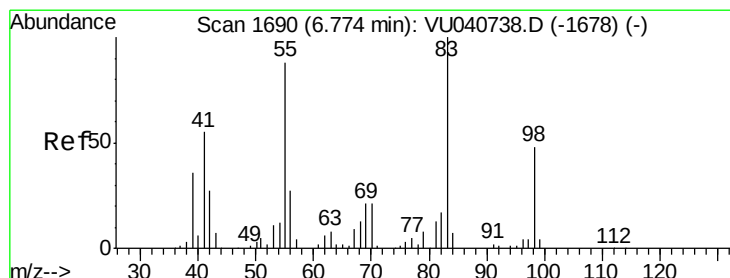
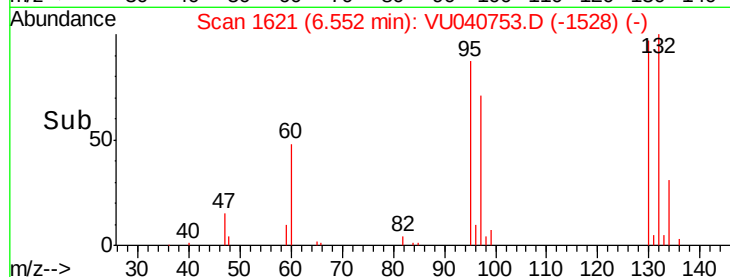
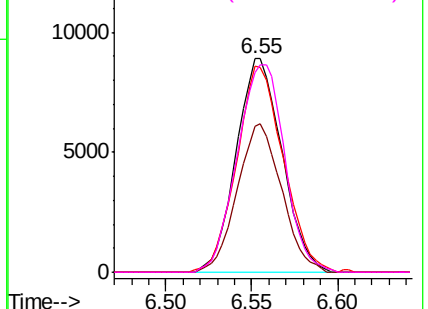


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

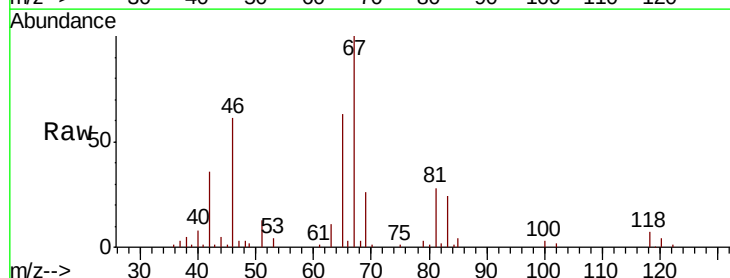
Tgt Ion: 83 Resp: 13069

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

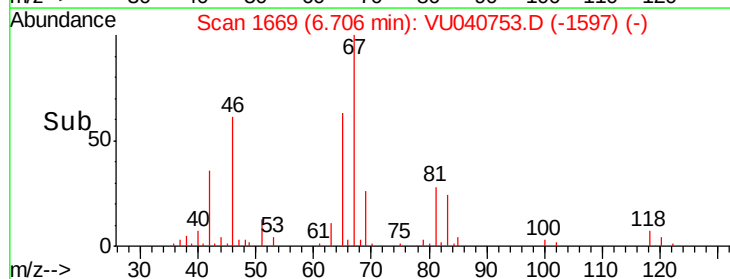
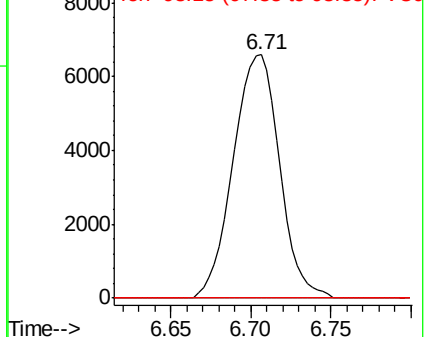
98 5.7 38.4 57.6#

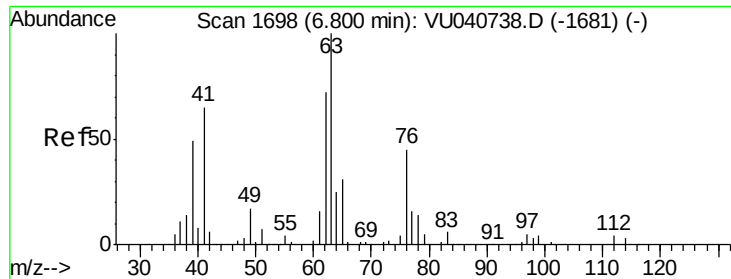


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

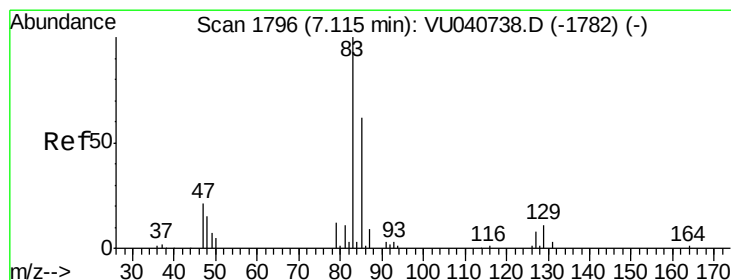
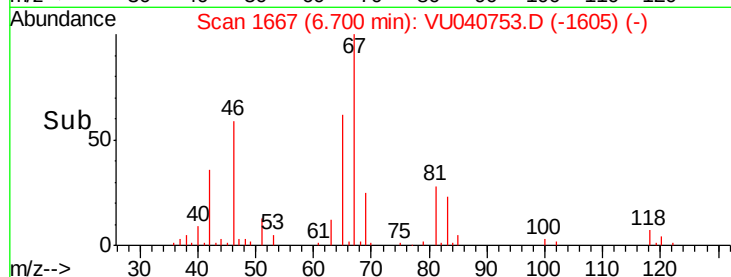
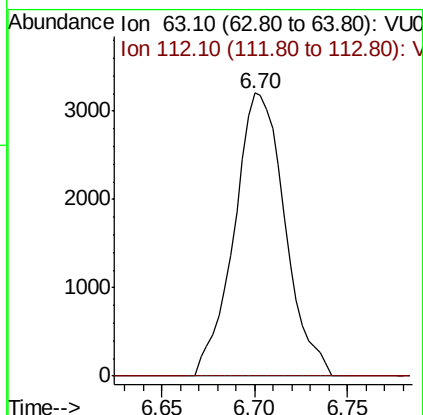
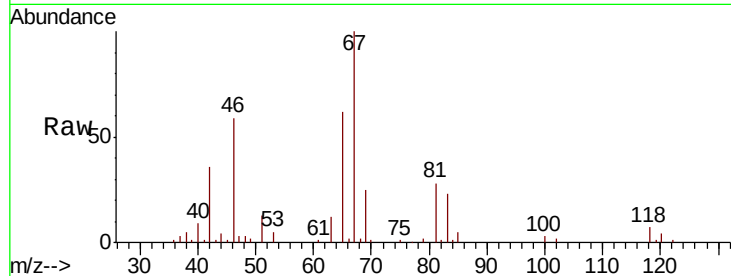




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040753.D
 Acq: 16 Oct 2020 17:28

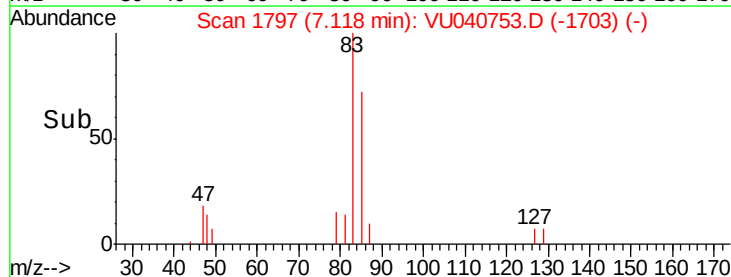
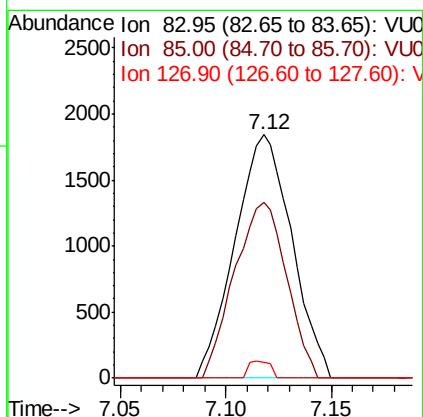
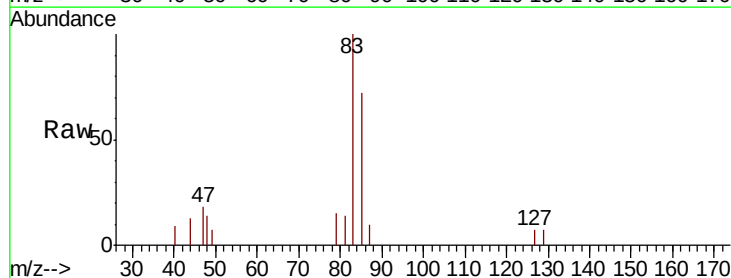
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 C0AJ7

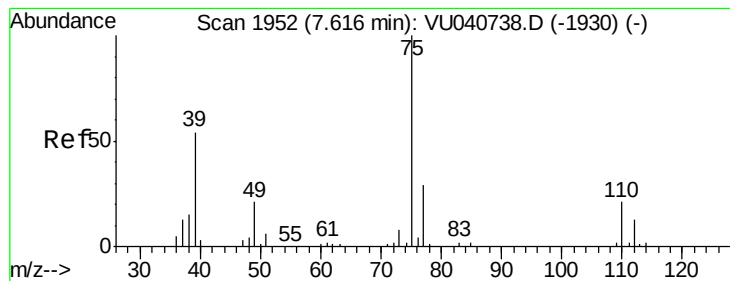
Tot Ion: 63 Resp: 6086
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#38
 Bromodichloromethane
 Concen: 0.258 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU040753.D
 Acq: 16 Oct 2020 17:28

Tgt Ion: 83 Resp: 3443
 Ion Ratio Lower Upper
 83 100
 85 72.4 46.0 85.4
 127 6.7 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

Instrument :

MSVOA_U

ClientSampleId :

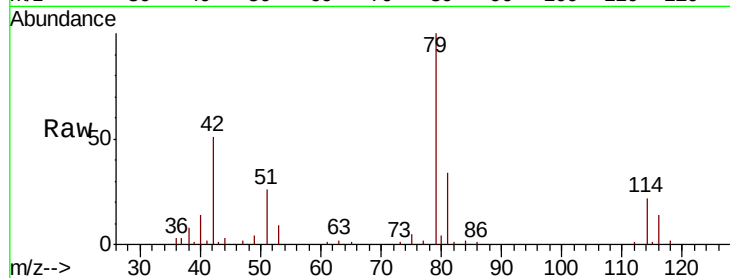
C0AJ7

Tot Ion: 75 Resp: 1437

Ion Ratio Lower Upper

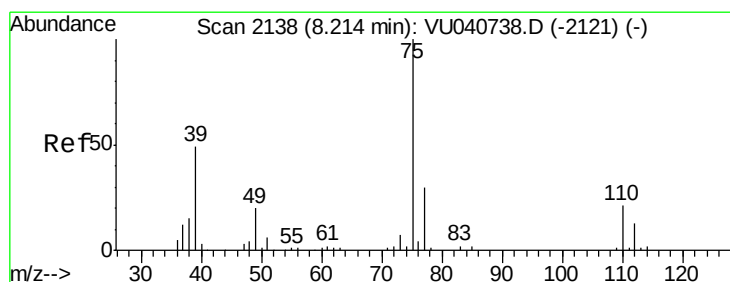
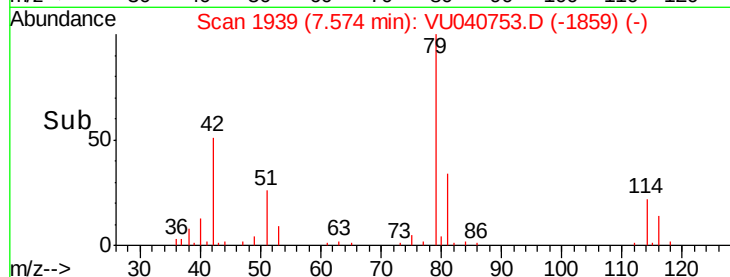
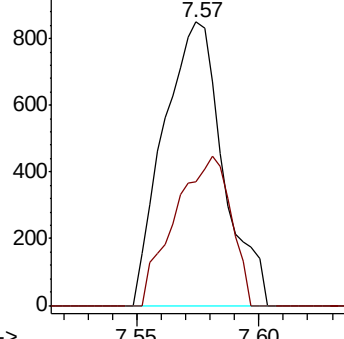
75 100

77 43.7 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040753.D

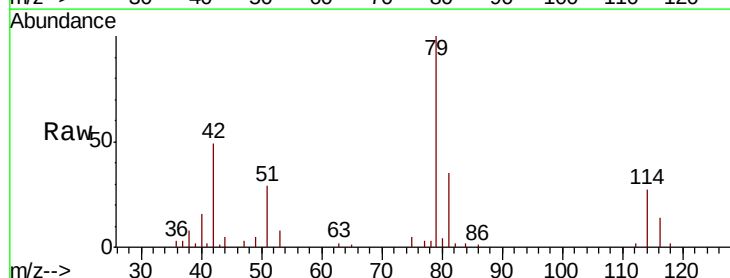
Acq: 16 Oct 2020 17:28

Tgt Ion: 75 Resp: 783

Ion Ratio Lower Upper

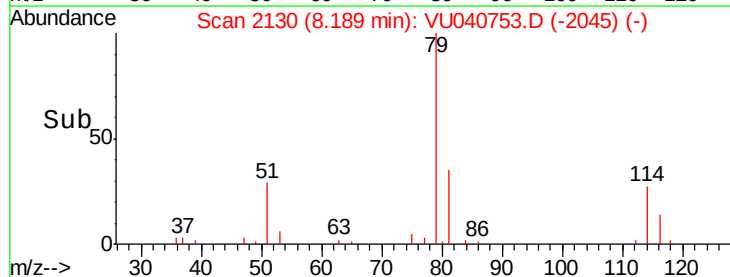
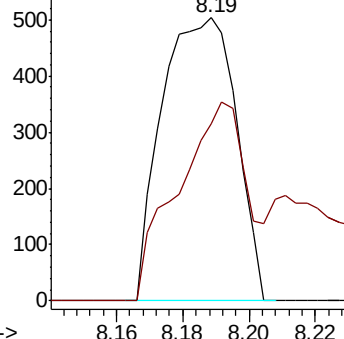
75 100

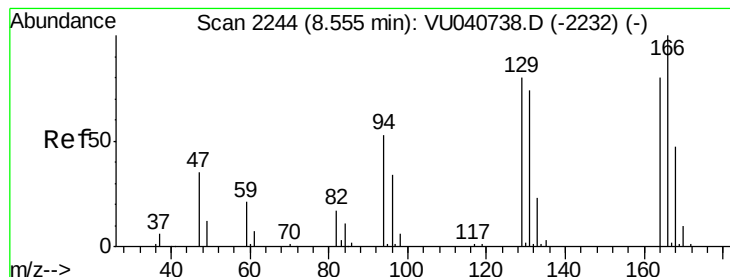
77 62.6 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 0.506 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

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Tot Ion:164 Resp: 3512

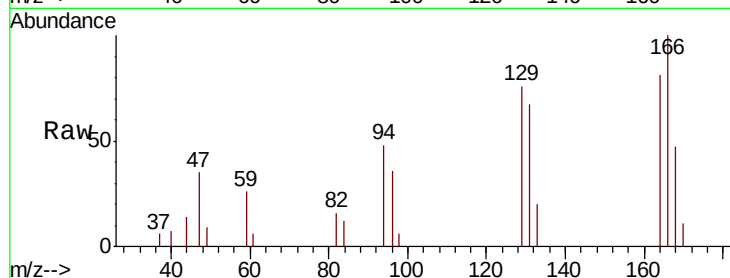
Ion Ratio Lower Upper

164 100

129 93.5 68.8 127.8

131 82.5 66.7 123.9

166 123.7 83.9 155.7

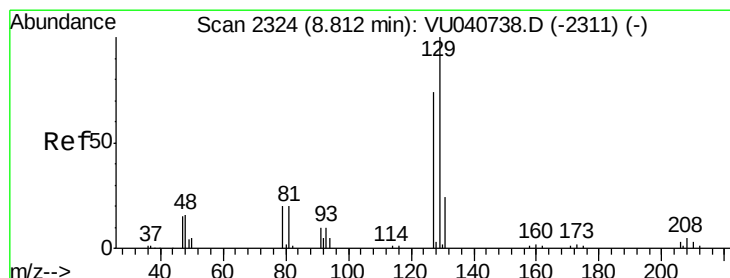
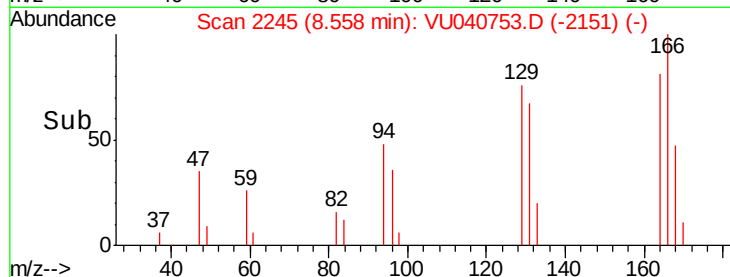
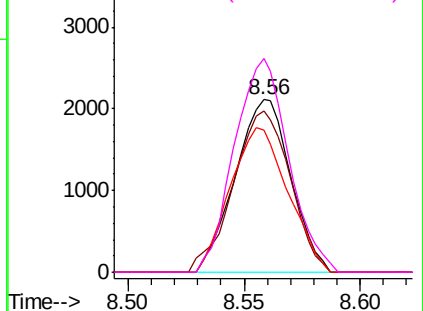


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.046 ug/L

RT: 8.81 min Scan# 2323

Delta R.T. -0.00 min

Lab File: VU040753.D

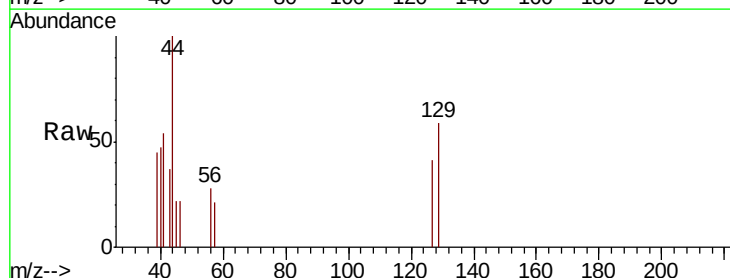
Acq: 16 Oct 2020 17:28

Tgt Ion:129 Resp: 417

Ion Ratio Lower Upper

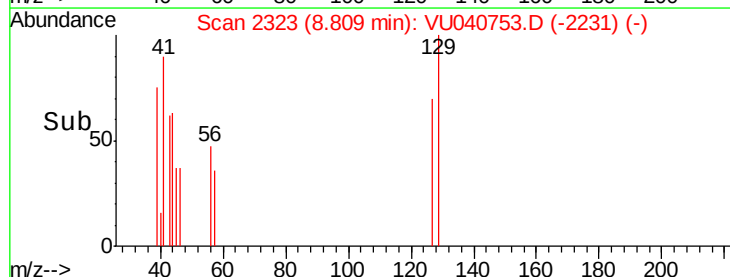
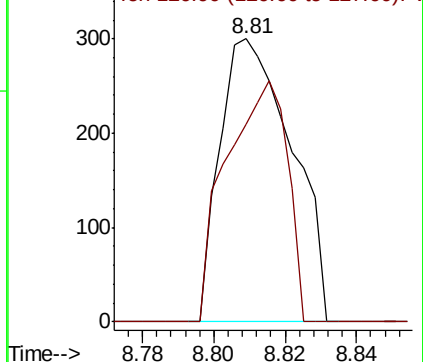
129 100

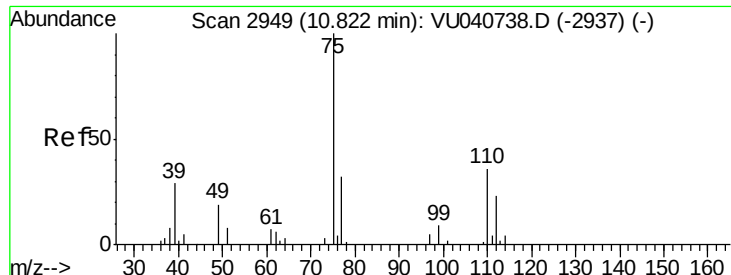
127 69.7 55.8 103.6



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.812 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU040753.D

Acq: 16 Oct 2020 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0AJ7

Tot Ion: 75 Resp: 6236

Ion Ratio Lower Upper

75 100

77 35.1 26.4 39.6

