

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040151.D
 Acq On : 16 Sep 2020 16:26
 Operator : SY/MD
 Sample : L4041-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB3

Quant Time: Sep 17 01:11:53 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	113074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29287	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	25683	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	49208	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	111256	45.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	5.09	84	63448	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	39691	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	114162	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	38785	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.91	98	91422	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	15381	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.64	63	77208	40.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33128	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36960	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

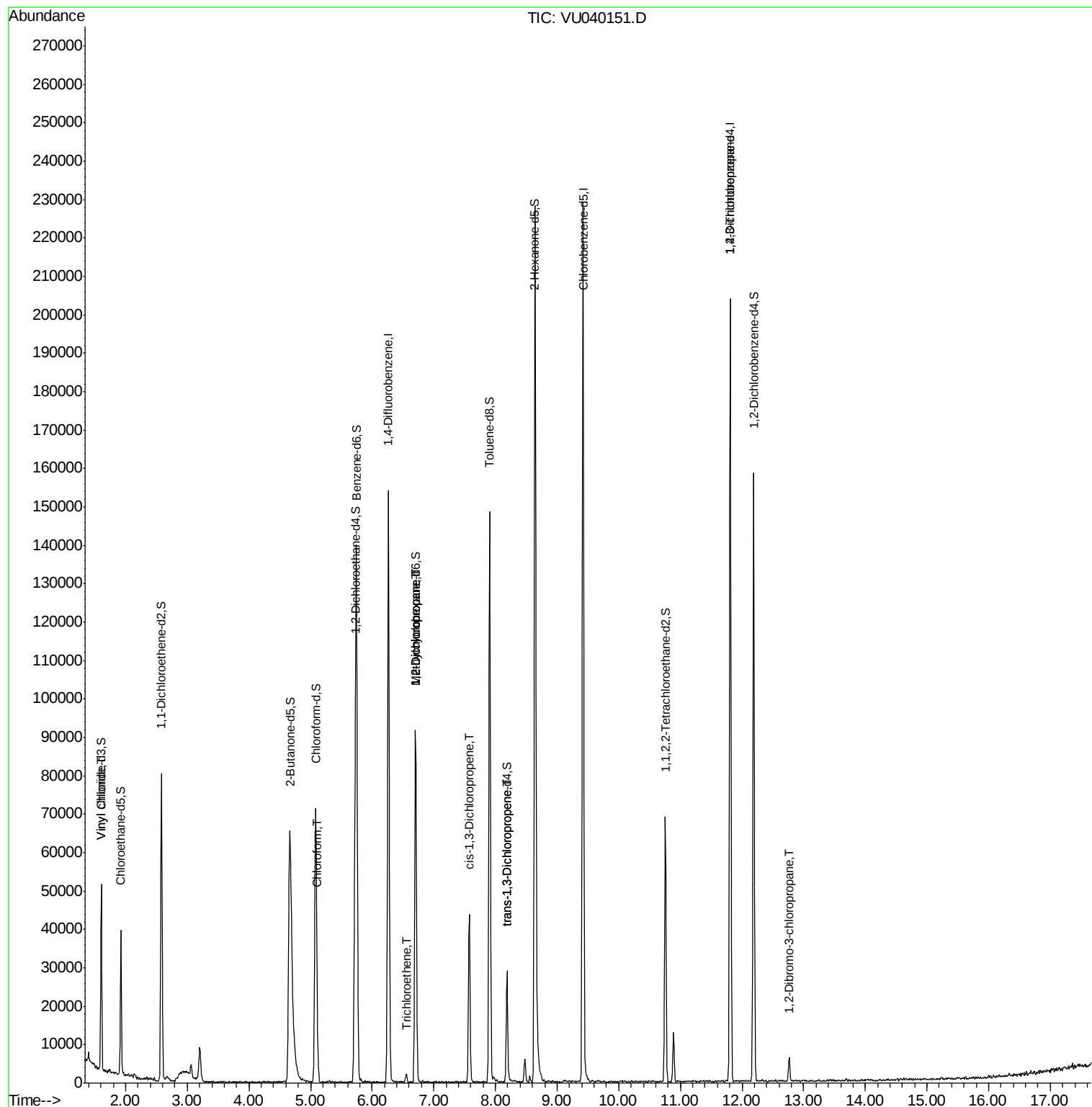
					Ovalue
5) Vinyl chloride	1.61	62	608	0.056 ug/L #	12
25) Chloroform	5.11	83	4048	0.204 ug/L	88
34) Trichloroethene	6.56	95	875	0.079 ug/L #	67
35) Methylcyclohexane	6.70	83	9313	0.550 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4498	0.403 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1402	0.085 ug/L #	58
44) trans-1,3-Dichloropropene	8.18	75	690	0.045 ug/L #	46
59) 1,2,3-Trichloropropane	11.81	75	6899	0.835 ug/L #	83
66) 1,2-Dibromo-3-chloropropan	12.76	75	216	0.123 ug/L #	8

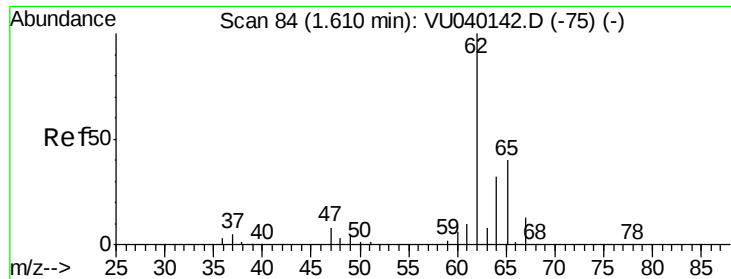
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.056 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040151.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

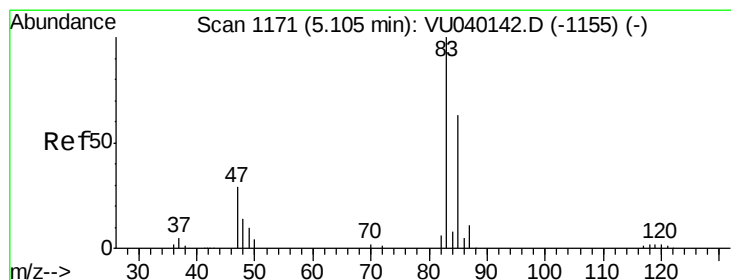
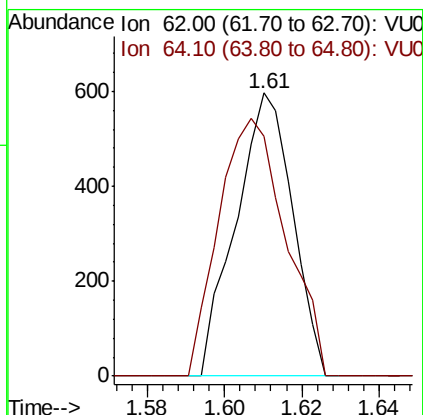
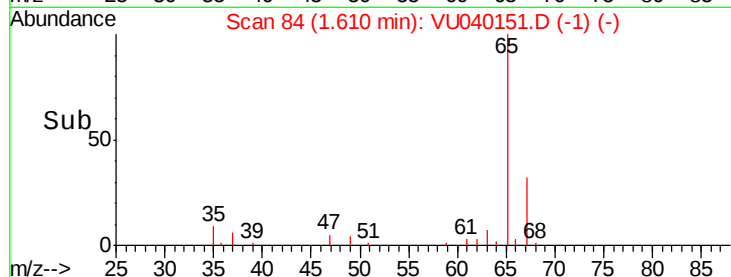
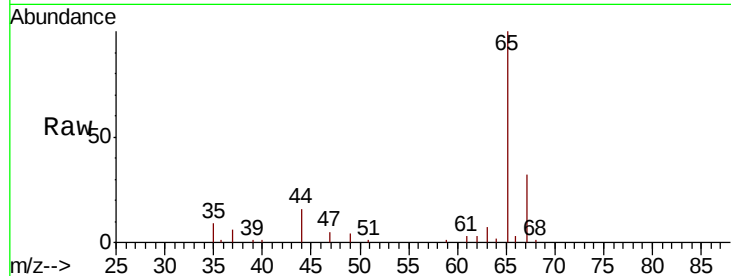
C0AB3

Tot Ion: 62 Resp: 608

Ion Ratio Lower Upper

62 100

64 84.6 23.9 44.3#



#25

Chloroform

Concen: 0.204 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040151.D

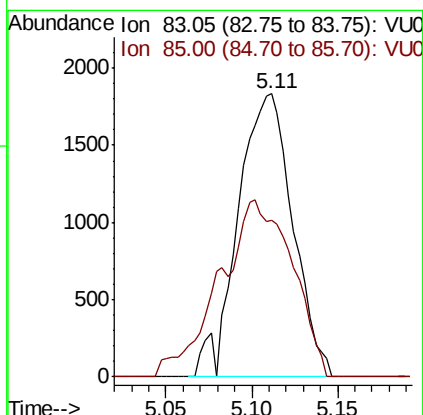
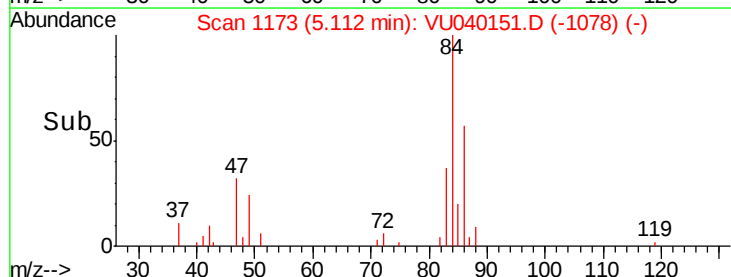
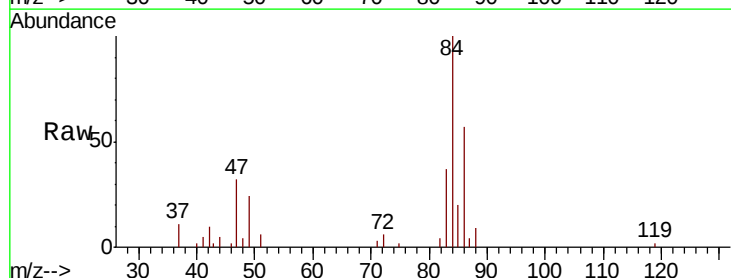
Acq: 16 Sep 2020 16:26

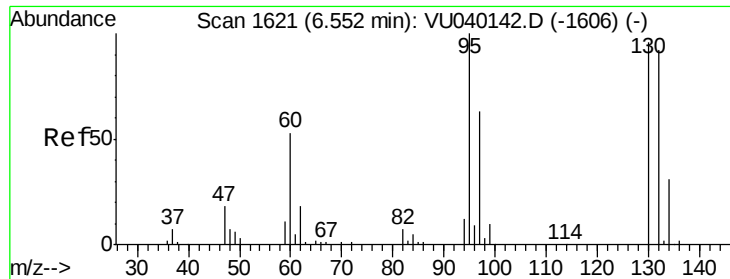
Tgt Ion: 83 Resp: 4048

Ion Ratio Lower Upper

83 100

85 55.3 45.3 84.1





#34

Trichloroethene

Concen: 0.079 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040151.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

C0AB3

Tot Ion: 95 Resp: 875

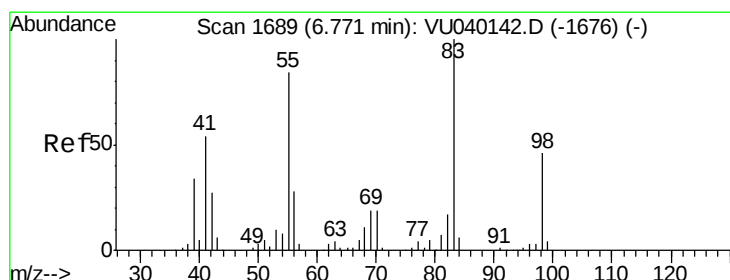
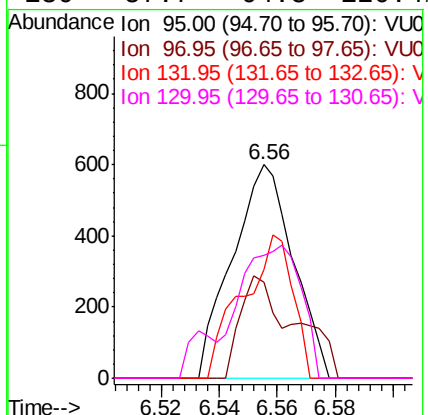
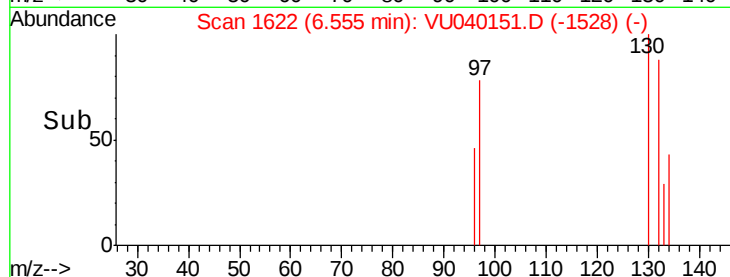
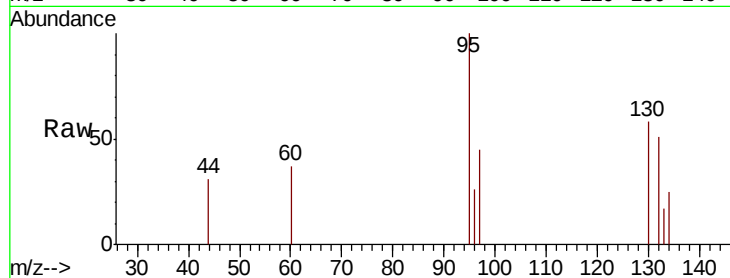
Ion Ratio Lower Upper

95 100

97 44.8 43.3 80.5

132 50.8 59.4 110.4#

130 57.7 64.8 120.4#



#35

Methylcyclohexane

Concen: 0.550 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040151.D

Acq: 16 Sep 2020 16:26

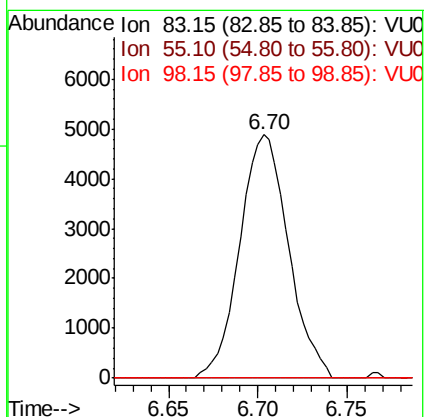
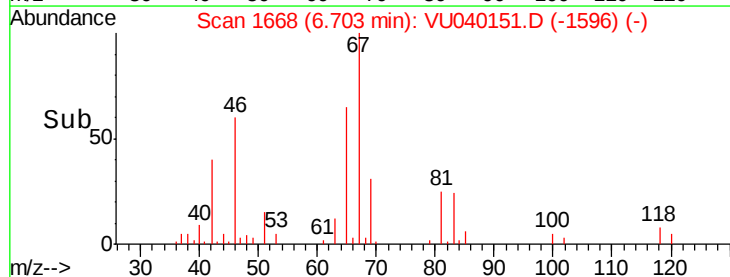
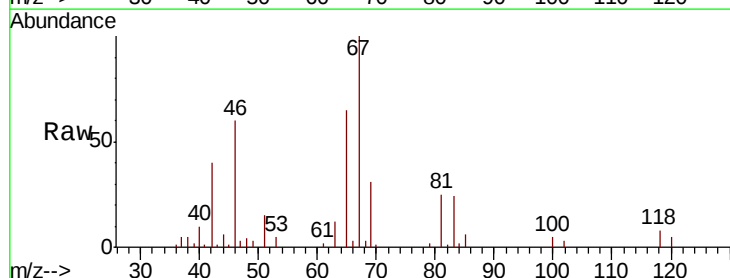
Tgt Ion: 83 Resp: 9313

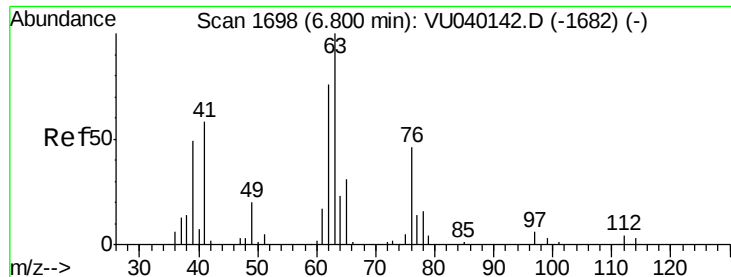
Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 1.4 37.8 56.6#

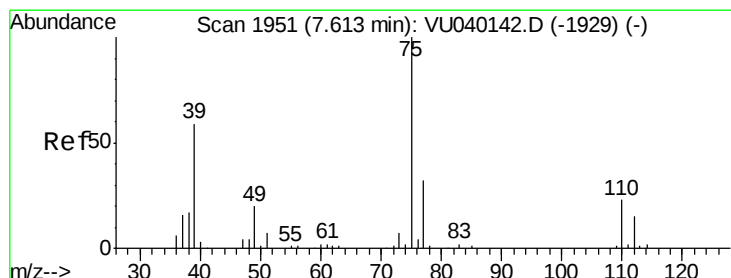
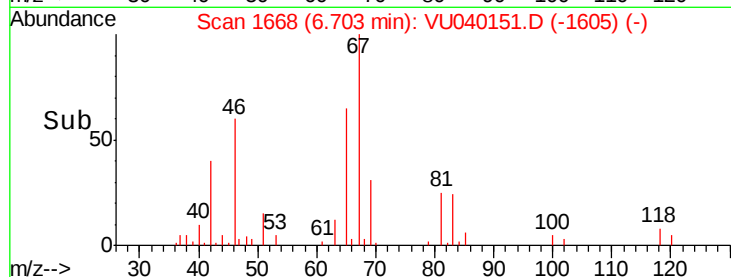
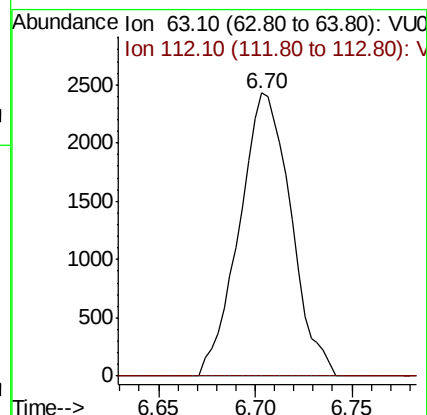
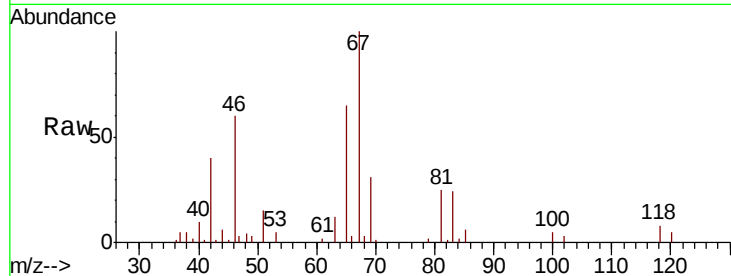




#37
 1,2-Dichloropropane
 Concen: 0.403 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040151.D
 Acq: 16 Sep 2020 16:26

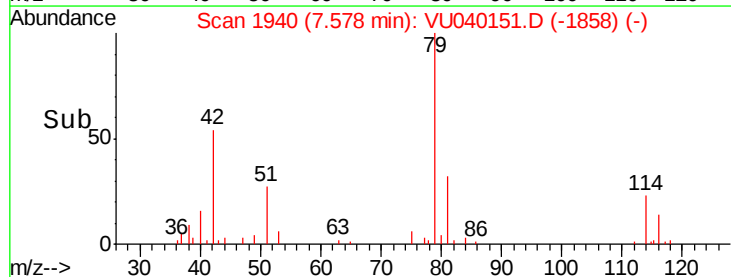
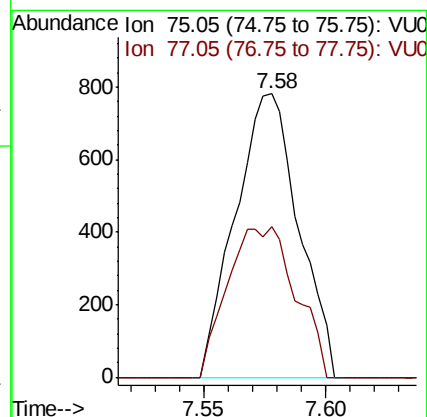
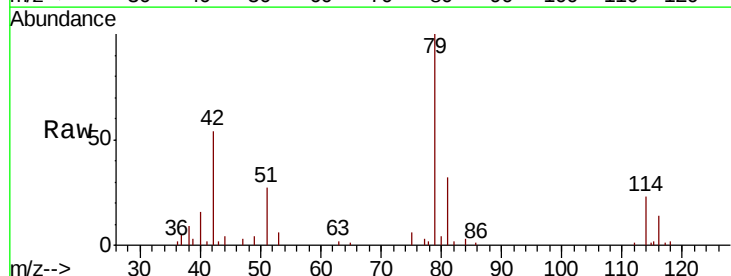
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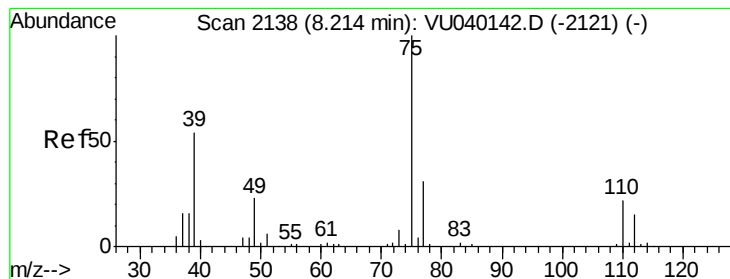
Tot Ion: 63 Resp: 4498
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040151.D
 Acq: 16 Sep 2020 16:26

Tgt Ion: 75 Resp: 1402
 Ion Ratio Lower Upper
 75 100
 77 53.1 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.045 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040151.D

Acq: 16 Sep 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

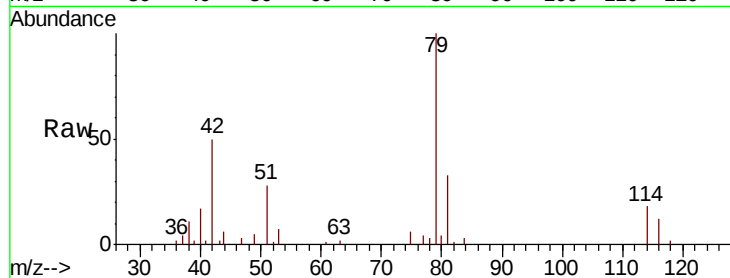
C0AB3

Tot Ion: 75 Resp: 690

Ion Ratio Lower Upper

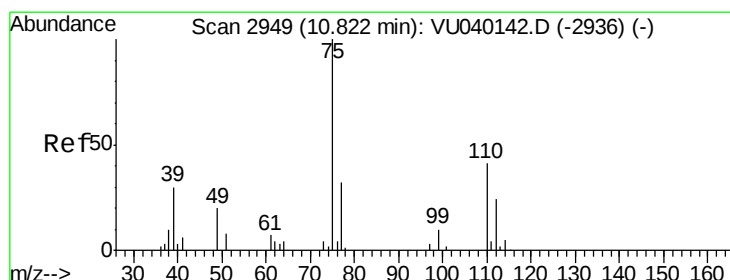
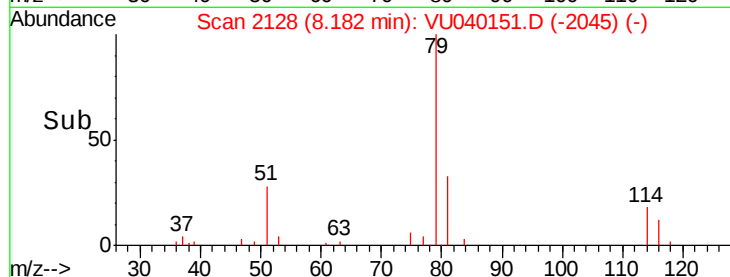
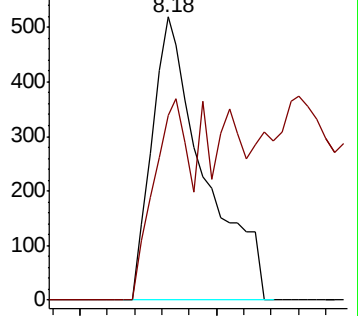
75 100

77 65.3 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: 0.835 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040151.D

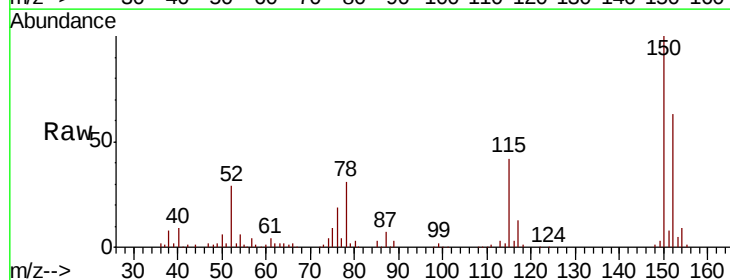
Acq: 16 Sep 2020 16:26

Tgt Ion: 75 Resp: 6899

Ion Ratio Lower Upper

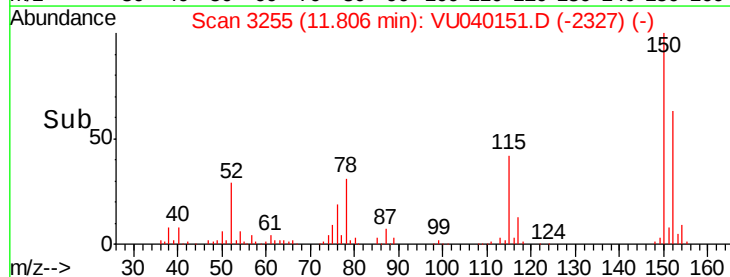
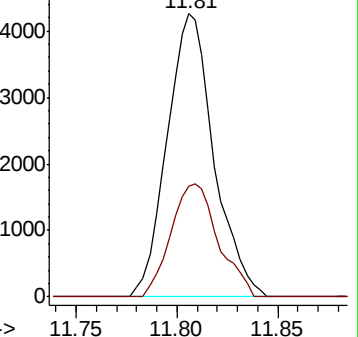
75 100

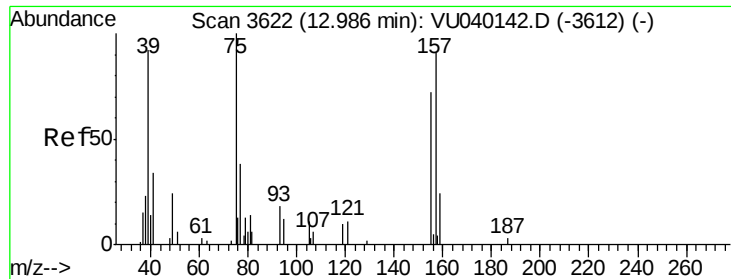
77 40.3 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.123 ug/L

RT: 12.76 min Scan# 3552

Delta R.T. -0.23 min

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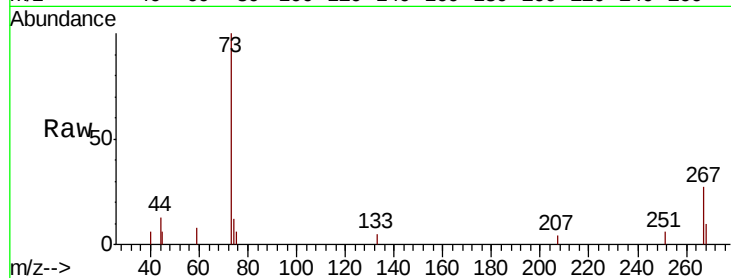
Tot Ion: 75 Resp: 216

Ion Ratio Lower Upper

75 100

155 0.0 54.6 82.0#

157 0.0 75.6 113.4#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

12.76

