

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041555.D
 Acq On : 10 Dec 2020 23:33
 Operator : SY/MD
 Sample : L5023-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY5

Quant Time: Dec 11 07:35:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	45226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	38453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9478	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	9465	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	16858	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	29543	33.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.84%
24) Chloroform-d	5.08	84	27289	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.72	65	18469	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.74	84	40427	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	11108	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	36607	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	5799	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	19176	31.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9611	3.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	18466	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

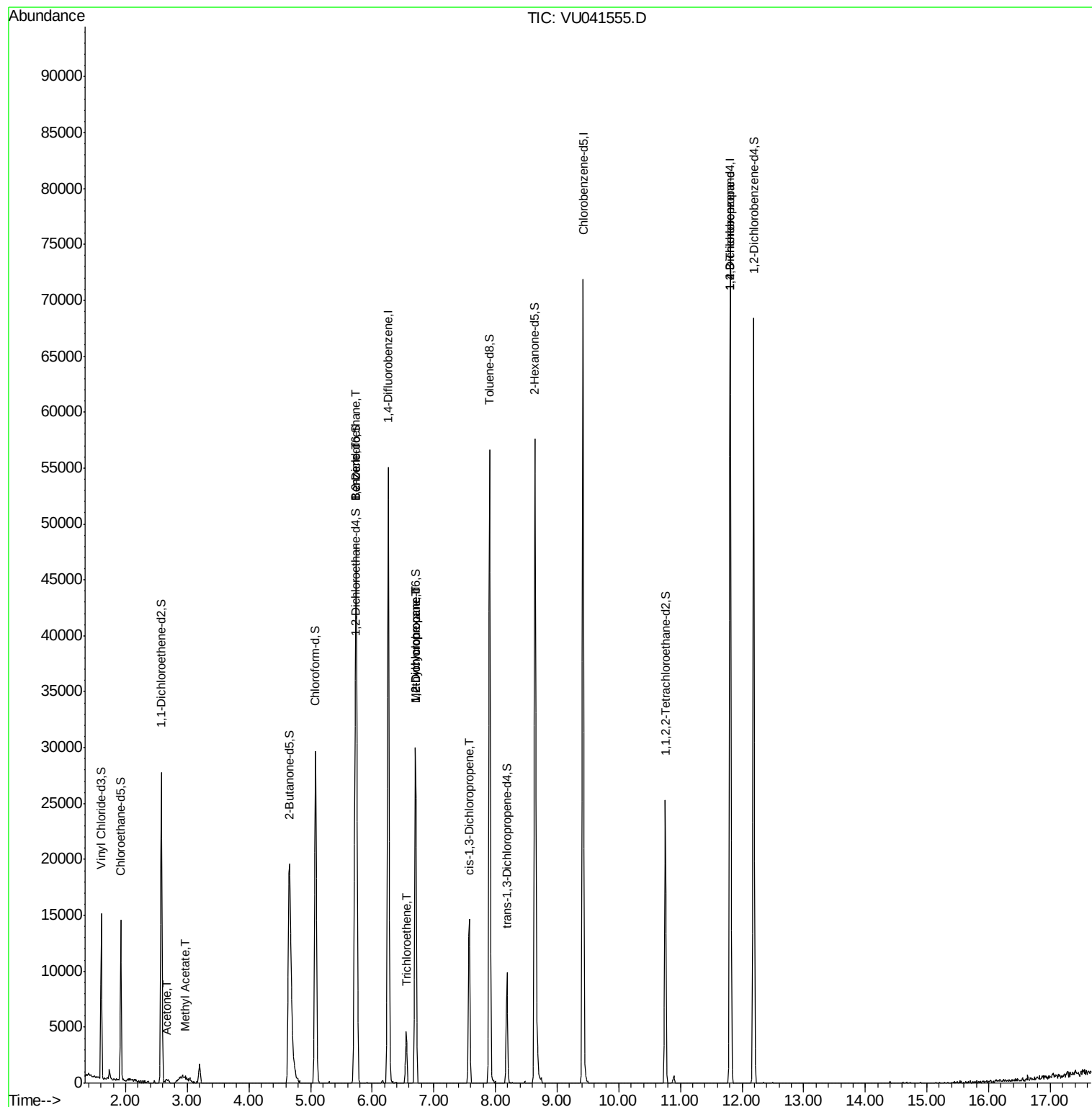
					Ovalue
13) Acetone	2.66	43	608	0.897 ug/L #	50
15) Methyl Acetate	2.96	43	137	0.110 ug/L #	51
27) 1,2-Dichloroethane	5.75	62	312	0.063 ug/L #	79
33) Benzene	5.74	78	356	0.037 ug/L	100
34) Trichloroethene	6.55	95	1443	0.502 ug/L #	74
35) Methylcyclohexane	6.70	83	3365	0.859 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1653	0.741 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	352	0.087 ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	1769	0.817 ug/L #	53

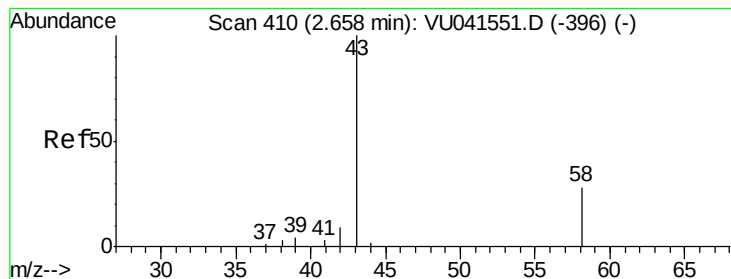
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.897 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU041555.D

Acq: 10 Dec 2020 23:33

Instrument :

MSVOA_U

ClientSampleId :

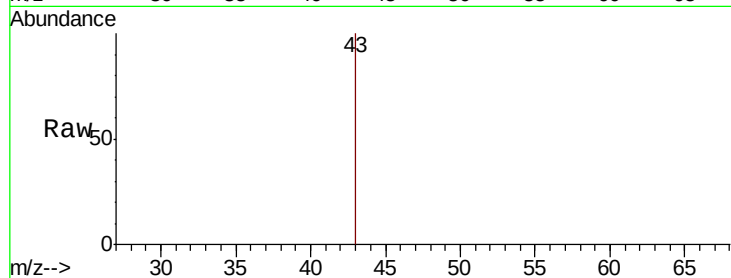
C0AY5

Tot Ion: 43 Resp: 608

Ion Ratio Lower Upper

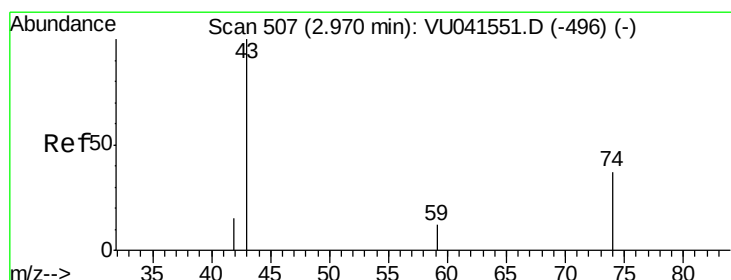
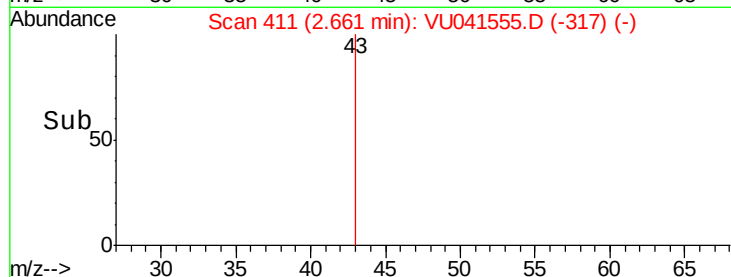
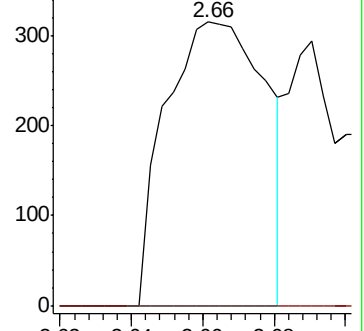
43 100

58 0.0 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.110 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: VU041555.D

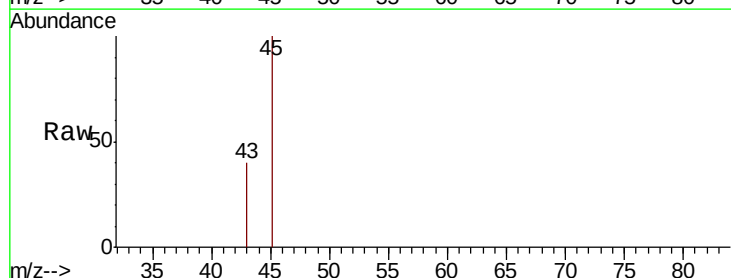
Acq: 10 Dec 2020 23:33

Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

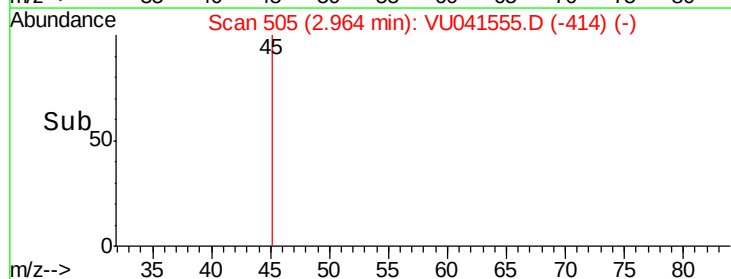
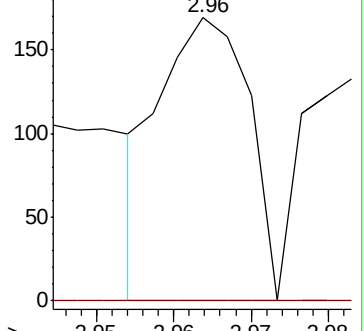
43 100

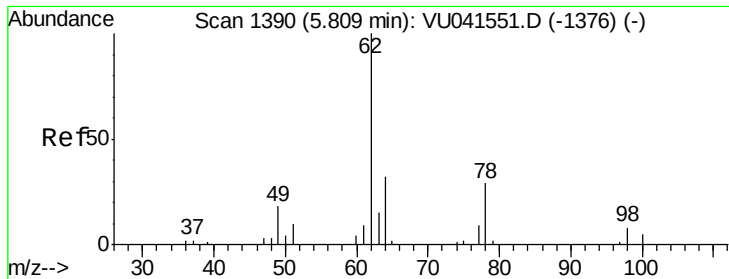
74 0.0 19.7 29.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

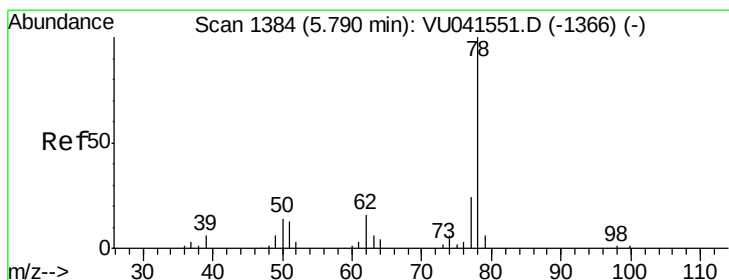
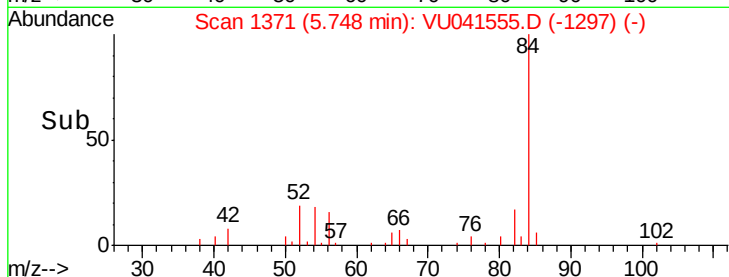
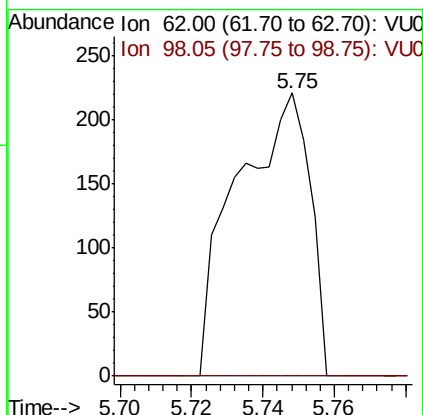
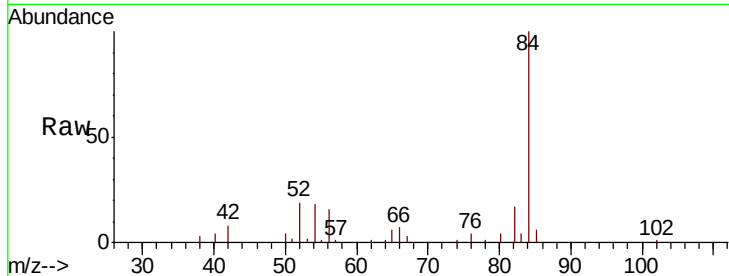




#27
 1,2-Dichloroethane
 Concen: 0.063 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041555.D
 Acq: 10 Dec 2020 23:33

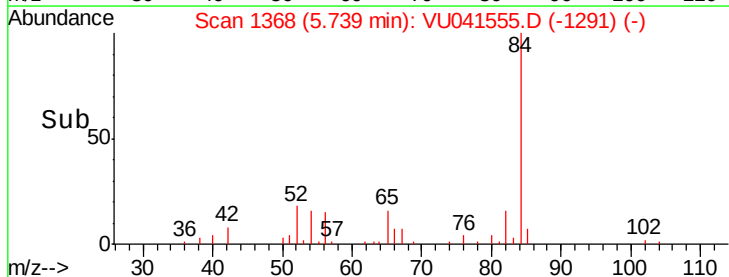
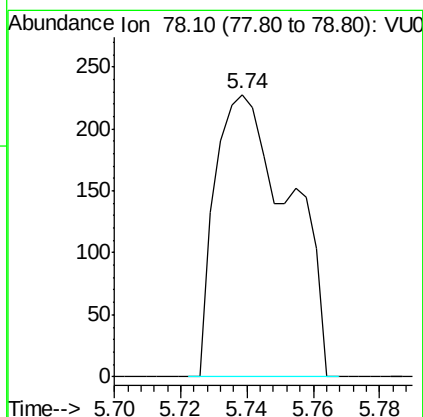
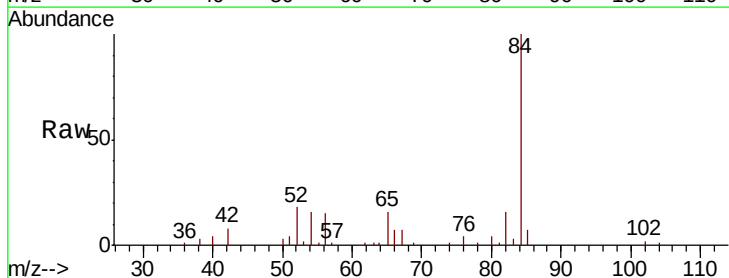
Instrument :
 MSVOA_U
 ClientSampled :
 C0AY5

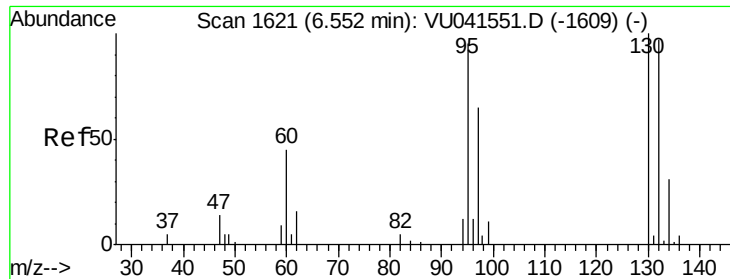
Tot Ion: 62 Resp: 312
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#33
 Benzene
 Concen: 0.037 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU041555.D
 Acq: 10 Dec 2020 23:33

Tgt Ion: 78 Resp: 356





#34

Trichloroethene

Concen: 0.502 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041555.D

Acq: 10 Dec 2020 23:33

Instrument :

MSVOA_U

ClientSampleId :

C0AY5

Tot Ion: 95 Resp: 1443

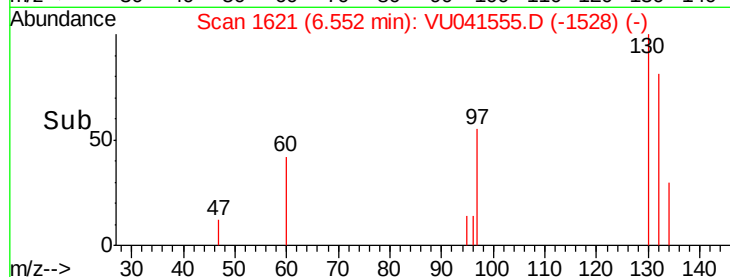
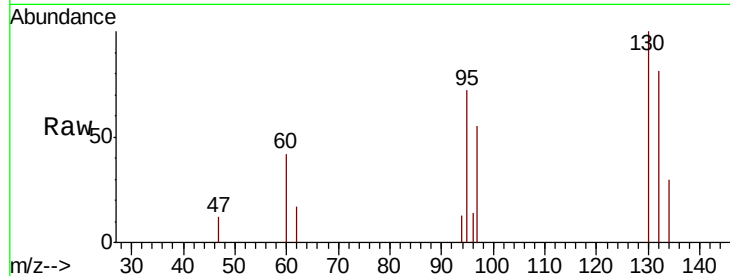
Ion Ratio Lower Upper

95 100

97 75.8 44.7 83.1

132 111.3 65.7 121.9

130 138.1 68.8 127.8#

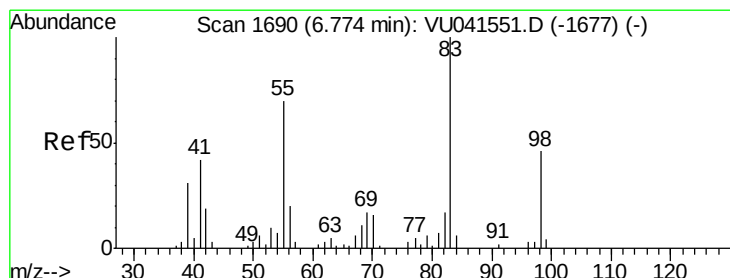
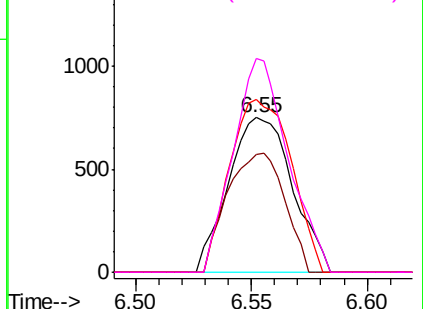


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.859 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041555.D

Acq: 10 Dec 2020 23:33

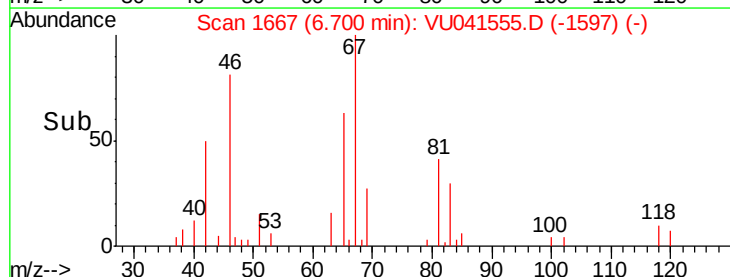
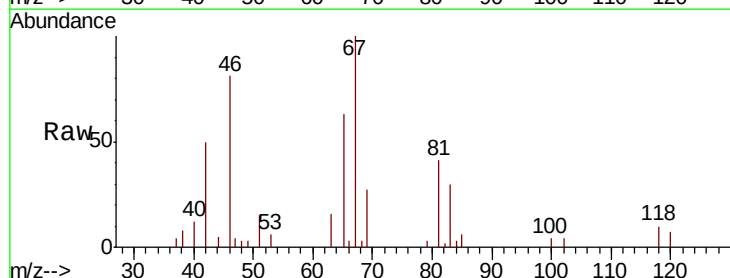
Tgt Ion: 83 Resp: 3365

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

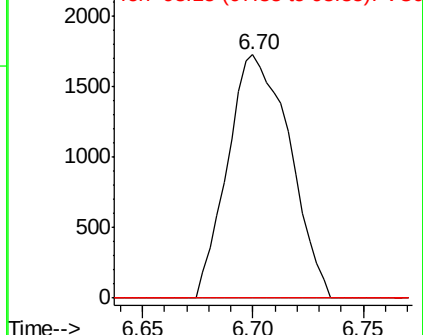
98 0.0 38.7 58.1#

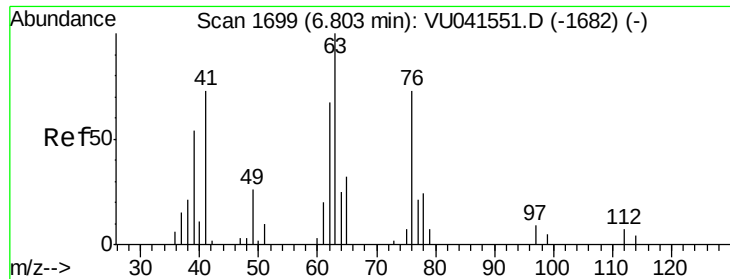


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

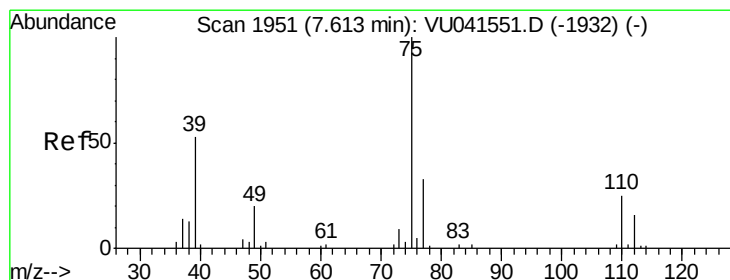
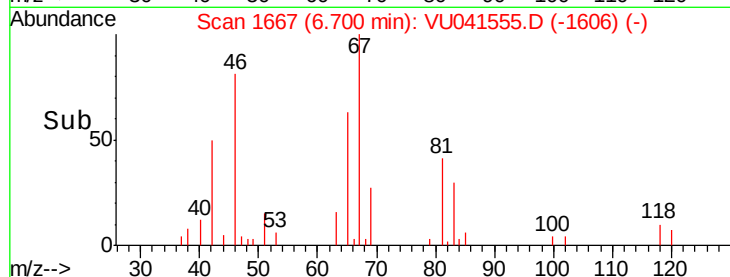
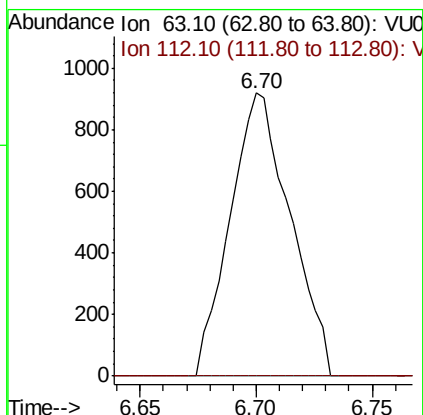
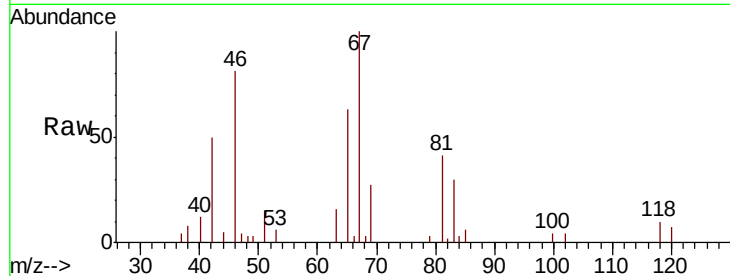




#37
 1,2-Dichloropropane
 Concen: 0.741 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041555.D
 Acq: 10 Dec 2020 23:33

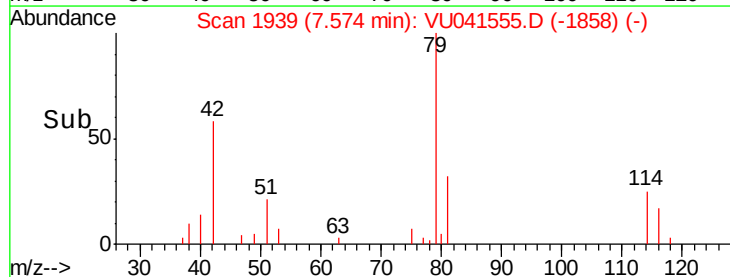
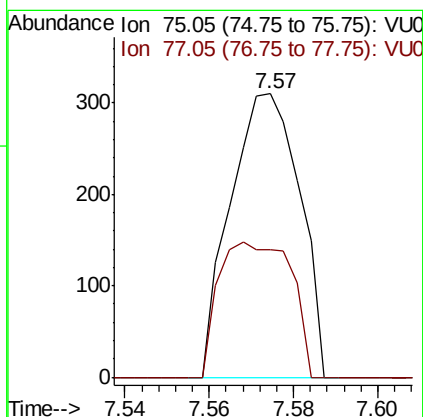
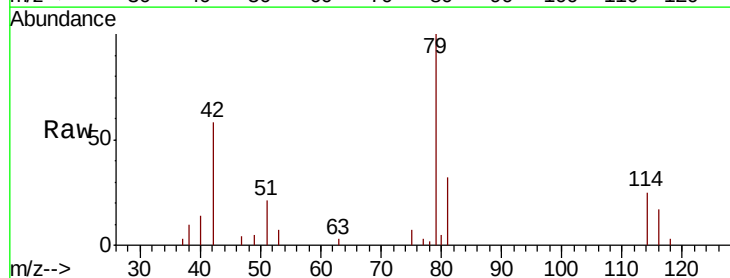
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY5

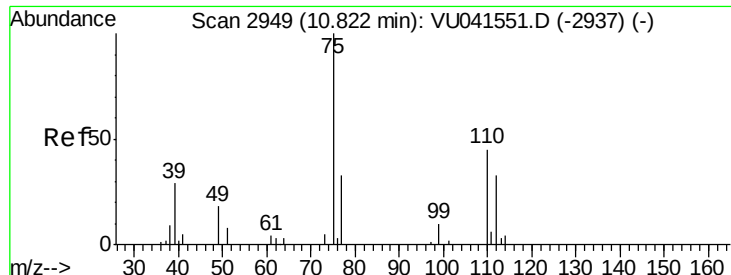
Tot Ion: 63 Resp: 1653
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041555.D
 Acq: 10 Dec 2020 23:33

Tgt Ion: 75 Resp: 352
 Ion Ratio Lower Upper
 75 100
 77 44.8 24.0 44.6#





#59

1,2,3-Trichloropropane

Concen: 0.817 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041555.D

Acq: 10 Dec 2020 23:33

Instrument :

MSVOA_U

ClientSampleId :

C0AY5

Tot Ion: 75 Resp: 1769

Ion Ratio Lower Upper

75 100

77 59.5 26.3 39.5#

