

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041533.D
 Acq On : 10 Dec 2020 13:58
 Operator : SY/MD
 Sample : L4995-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ1

Quant Time: Dec 11 06:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7159	2.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.80%
7) Chloroethane-d5	1.92	69	7929	3.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.00%
11) 1,1-Dichloroethene-d2	2.58	63	15602	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	4.66	46	34906	34.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.96%
24) Chloroform-d	5.08	84	29868	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.72	65	19790	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.74	84	44133	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.70	67	11898	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.40%
41) Toluene-d8	7.91	98	39563	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.80%
43) trans-1,3-Dichloropropene-	8.19	79	7271	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.64	63	26512	32.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12755	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	19775	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

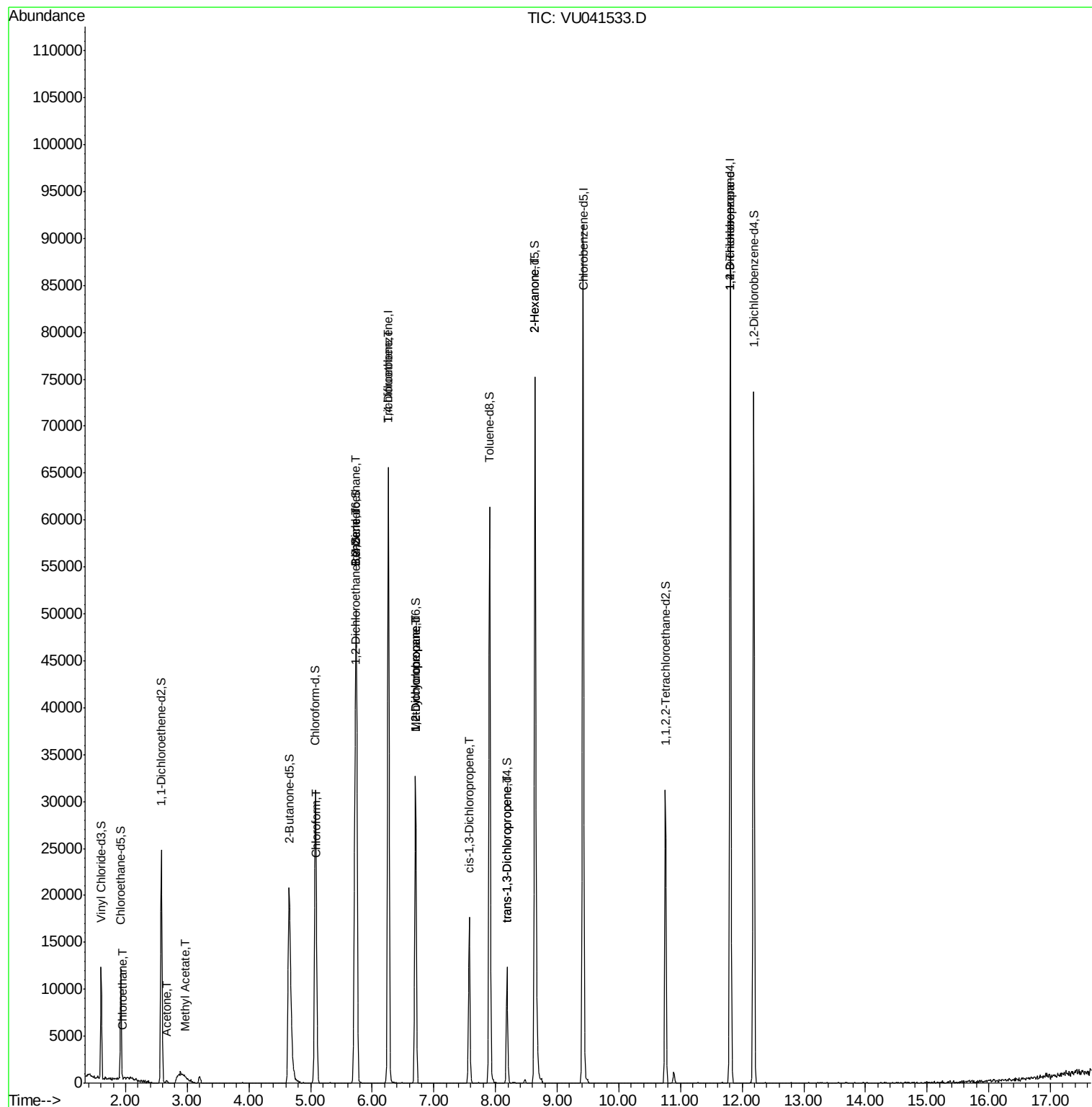
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	113	0.049	ug/L #	45
13) Acetone	2.66	43	537	0.691	ug/L #	50
15) Methyl Acetate	2.98	43	353	0.248	ug/L #	51
25) Chloroform	5.11	83	596	0.083	ug/L	84
27) 1,2-Dichloroethane	5.74	62	261	0.046	ug/L #	79
33) Benzene	5.75	78	329	0.026	ug/L	100
34) Trichloroethene	6.27	95	1053	0.275	ug/L #	6
35) Methylcyclohexane	6.70	83	3596	0.689	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	1788	0.602	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	488	0.091	ug/L	87
44) trans-1,3-Dichloropropene	8.19	75	273	0.051	ug/L #	42
48) 2-Hexanone	8.64	43	3947	2.064	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	2094	0.727	ug/L #	80

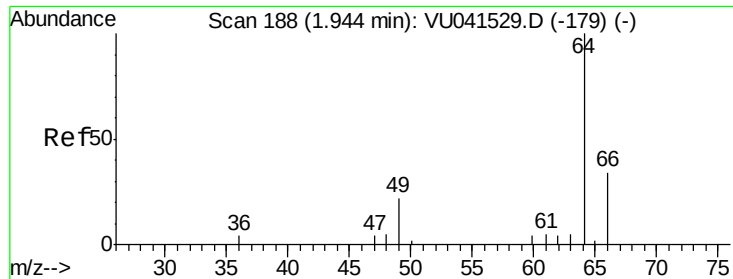
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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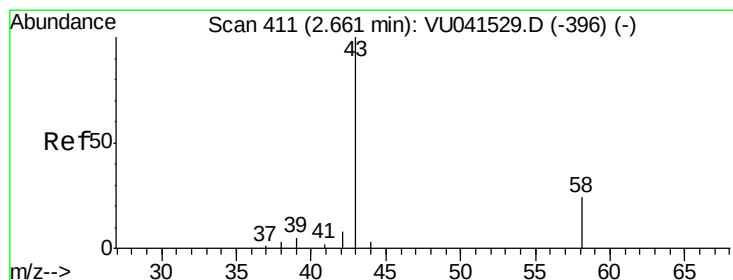
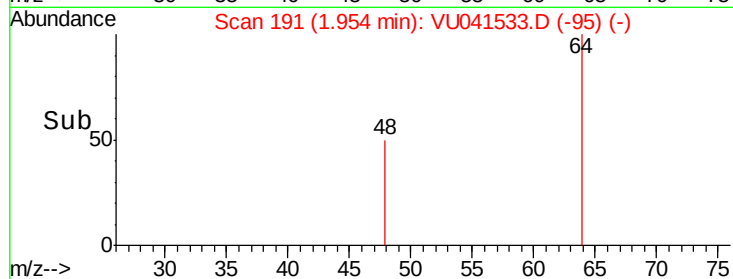
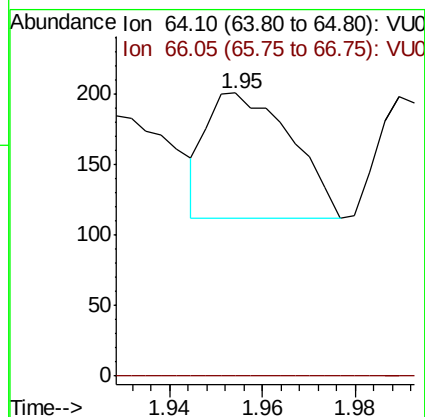
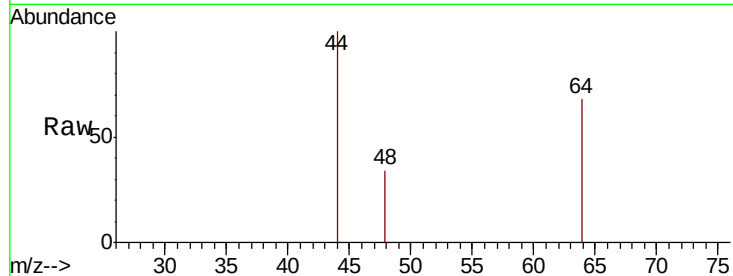




#8
Chloroethane
Concen: 0.049 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU041533.D
Acq: 10 Dec 2020 13:58

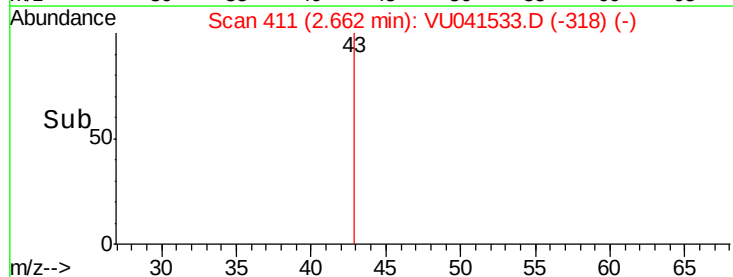
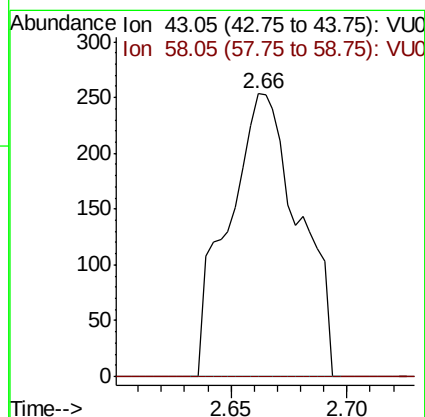
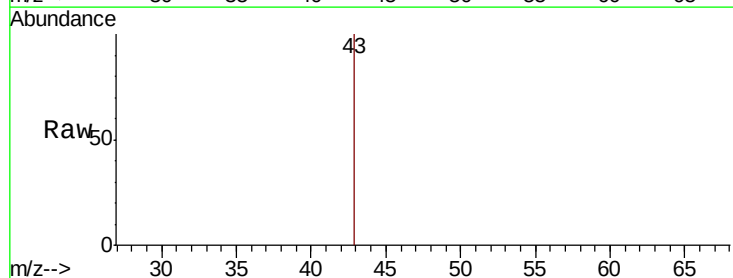
Instrument :
MSVOA_U
ClientSampleId :
C0AQ1

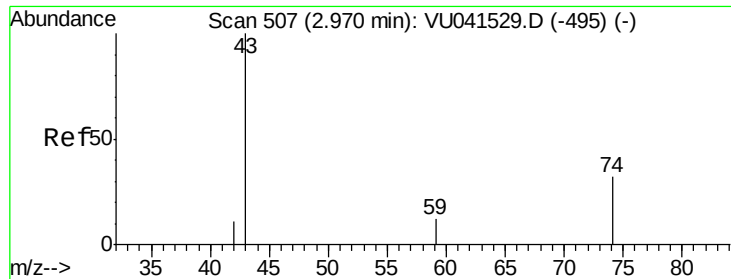
Tot Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 0.691 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041533.D
Acq: 10 Dec 2020 13:58

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 0.0 0.0 50.0

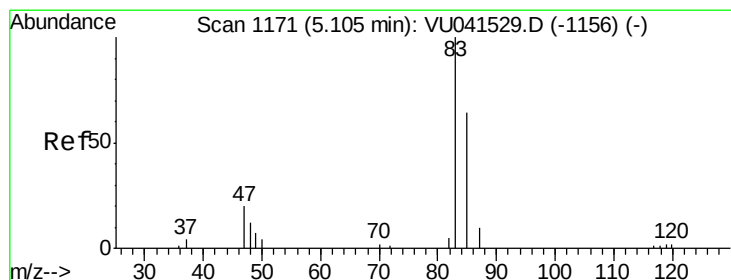
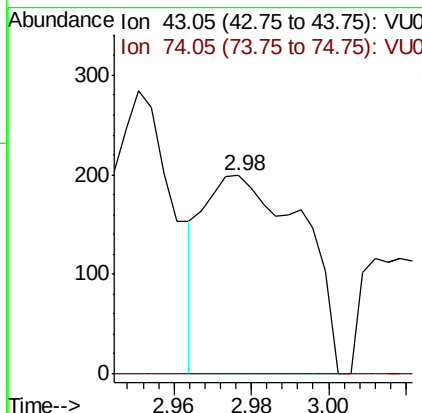
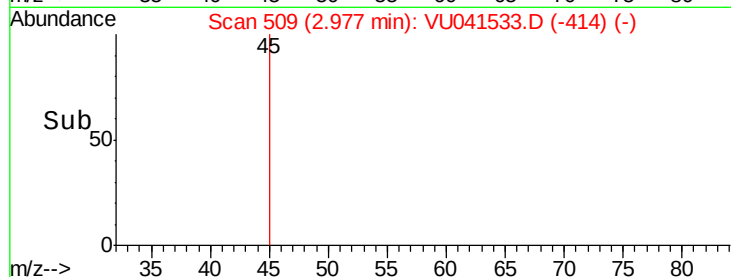
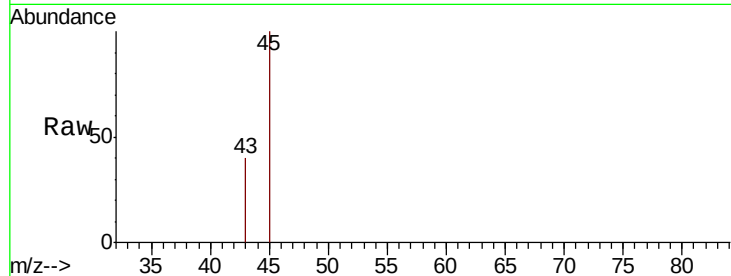




#15
Methvl Acetate
Concen: 0.248 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.01 min
Lab File: VU041533.D
Acq: 10 Dec 2020 13:58

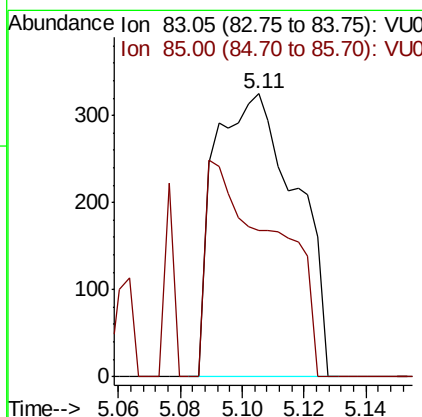
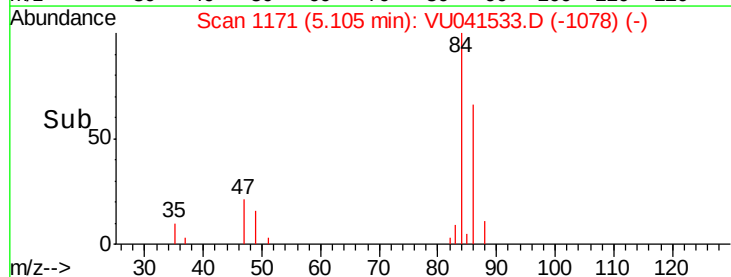
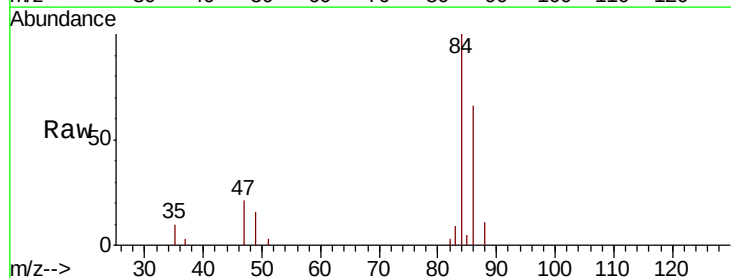
Instrument :
MSVOA_U
ClientSampleId :
C0AQ1

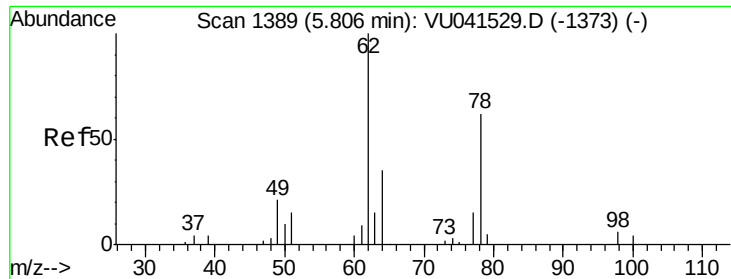
Tot Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#25
Chloroform
Concen: 0.083 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041533.D
Acq: 10 Dec 2020 13:58

Tgt Ion: 83 Resp: 596
Ion Ratio Lower Upper
83 100
85 51.7 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.046 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.06 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

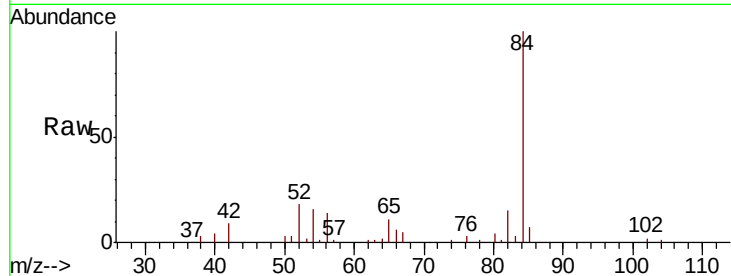
C0AQ1

Tot Ion: 62 Resp: 261

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.74

150

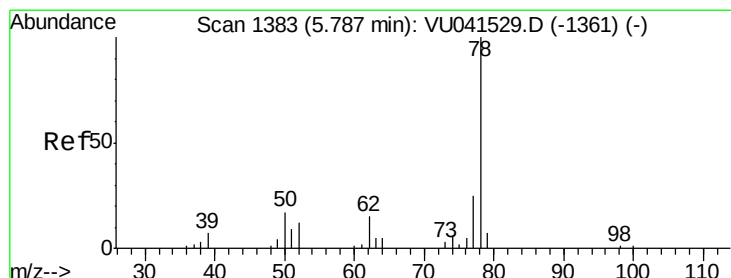
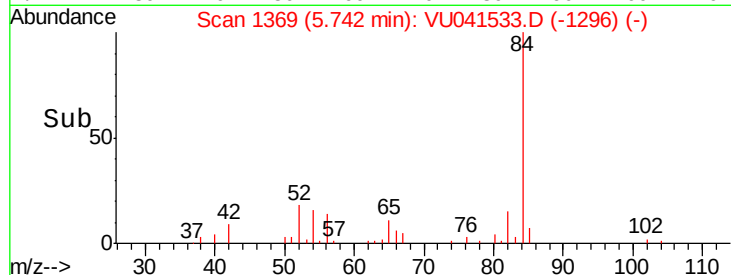
100

50

0

5.72 5.74 5.76

Time-->



#33

Benzene

Concen: 0.026 ug/L

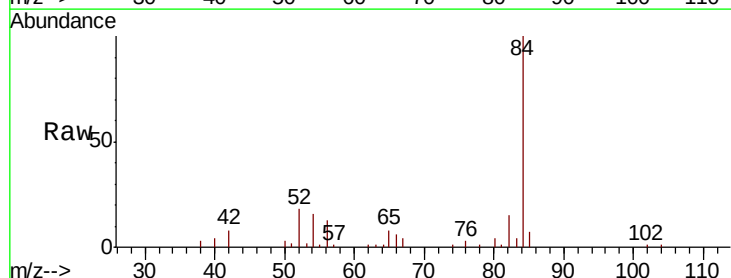
RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

Tgt Ion: 78 Resp: 329



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.75

250

200

150

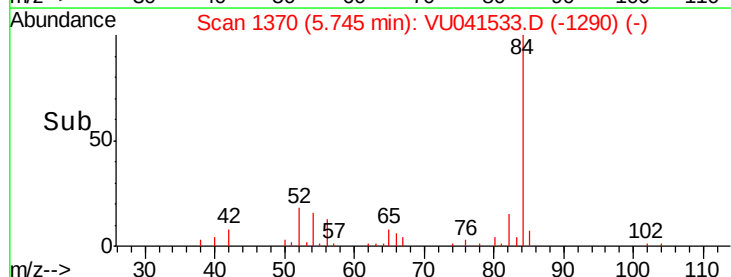
100

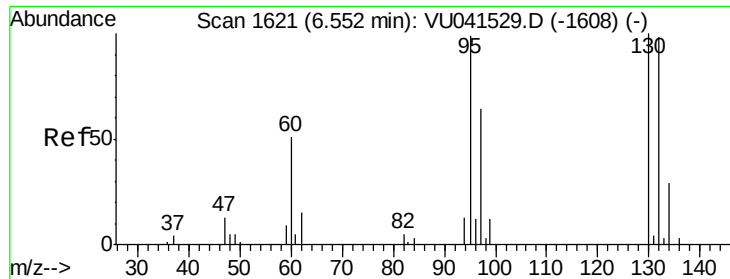
50

0

5.72 5.74 5.76

Time-->





#34

Trichloroethene

Concen: 0.275 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

C0AQ1

Tot Ion: 95 Resp: 1053

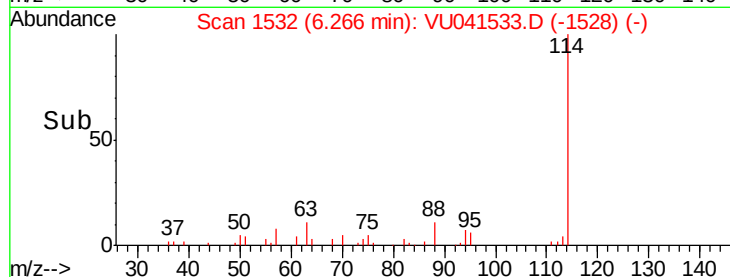
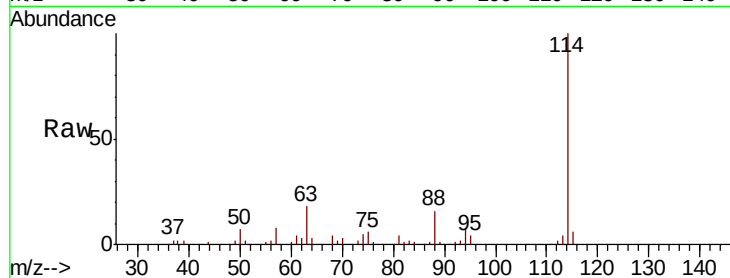
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 65.7 121.9#

130 0.0 68.8 127.8#

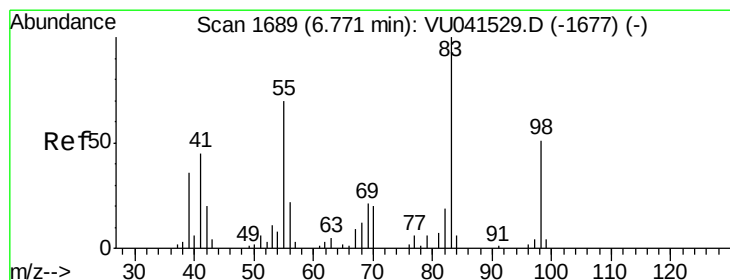
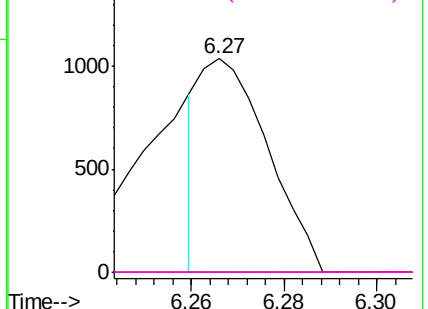


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.689 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

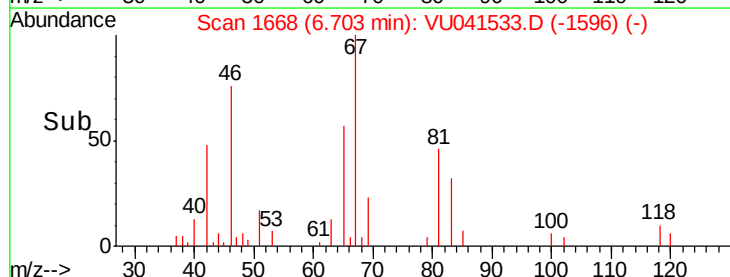
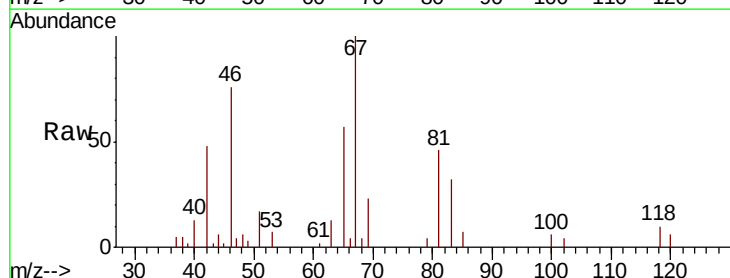
Tgt Ion: 83 Resp: 3596

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

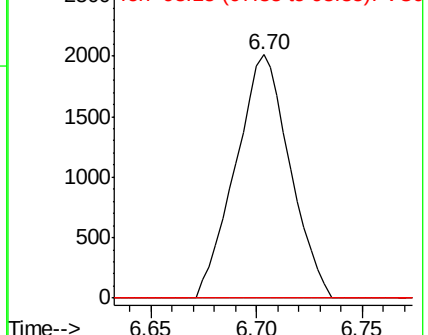
98 0.0 38.7 58.1#

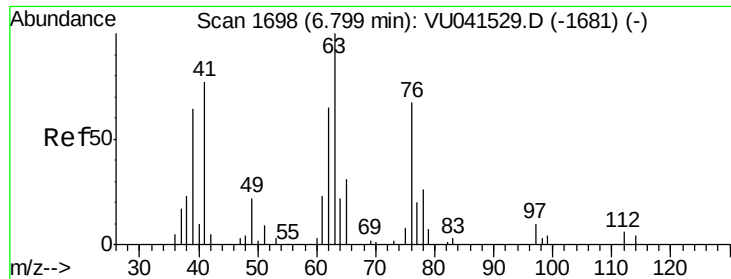


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

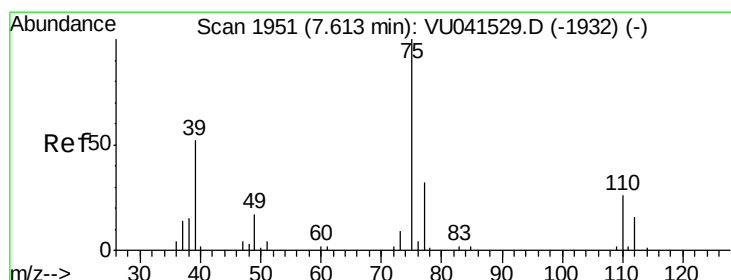
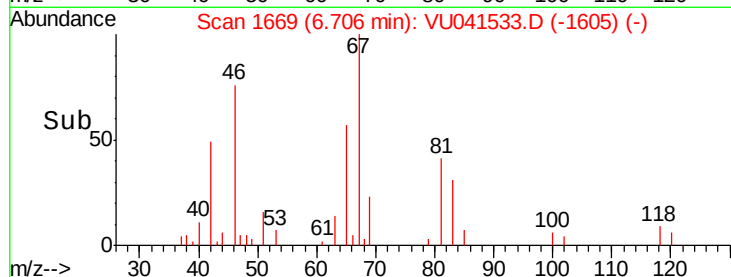
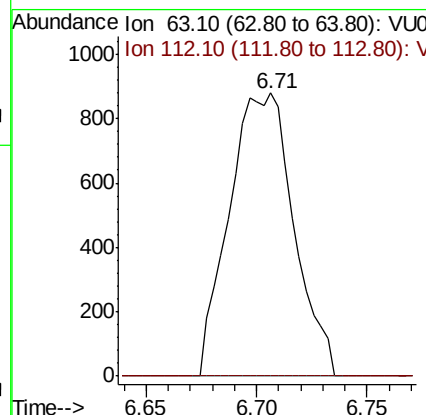
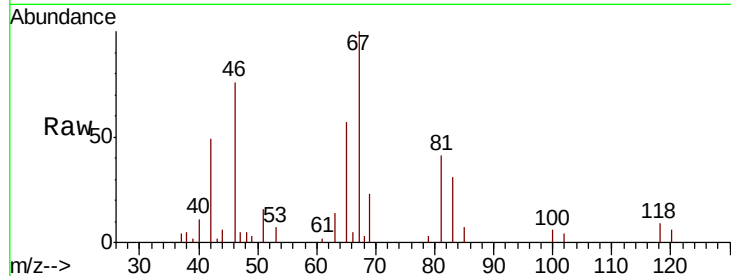




#37
 1,2-Dichloropropane
 Concen: 0.602 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041533.D
 Acq: 10 Dec 2020 13:58

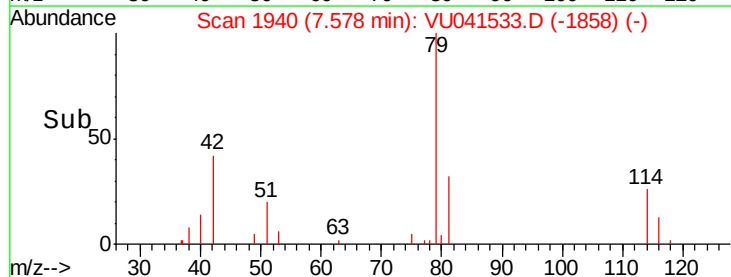
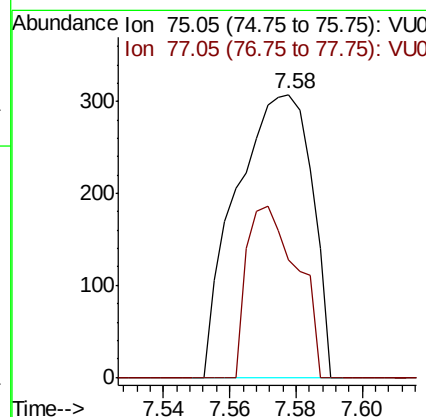
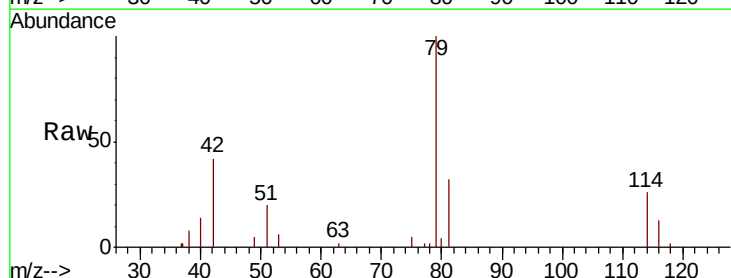
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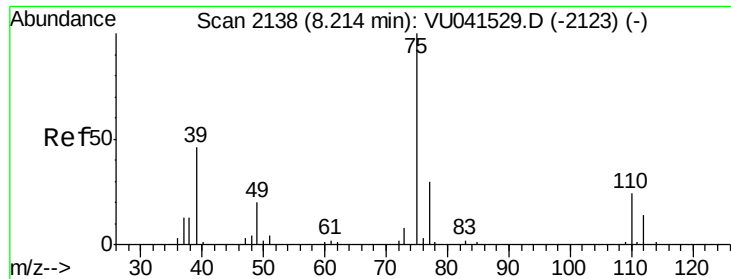
Tot Ion: 63 Resp: 1788
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041533.D
 Acq: 10 Dec 2020 13:58

Tgt Ion: 75 Resp: 488
 Ion Ratio Lower Upper
 75 100
 77 41.6 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

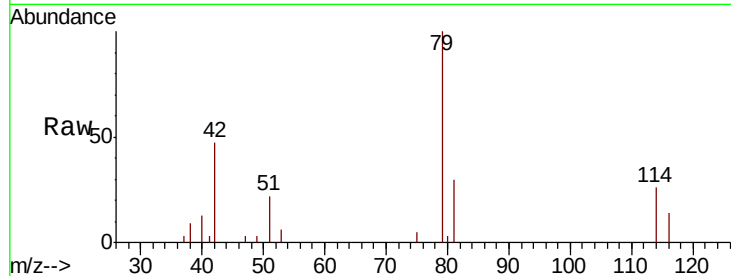
C0AQ1

Tot Ion: 75 Resp: 273

Ion Ratio Lower Upper

75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

250

200

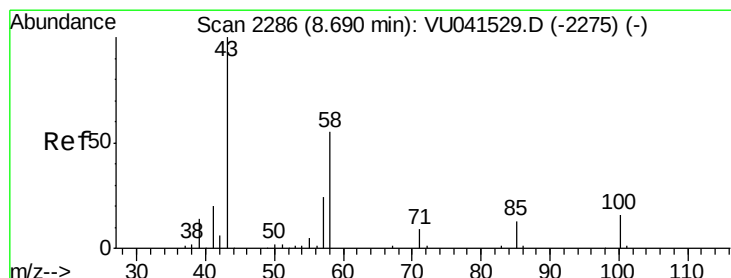
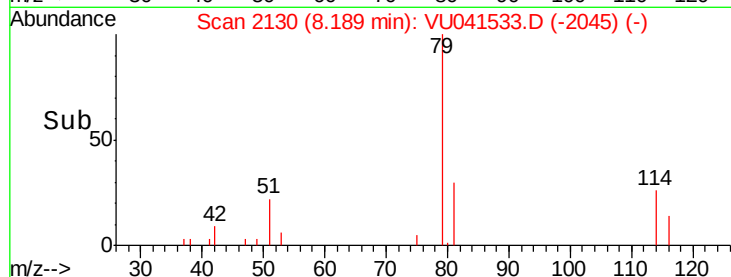
150

100

50

0

Time-->



#48

2-Hexanone

Concen: 2.064 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041533.D

Acq: 10 Dec 2020 13:58

Tgt Ion: 43 Resp: 3947

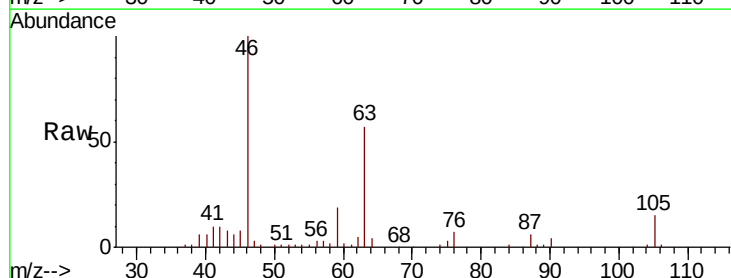
Ion Ratio Lower Upper

43 100

58 30.0 41.4 62.0#

57 33.7 17.1 25.7#

100 0.0 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

3000

2500

2000

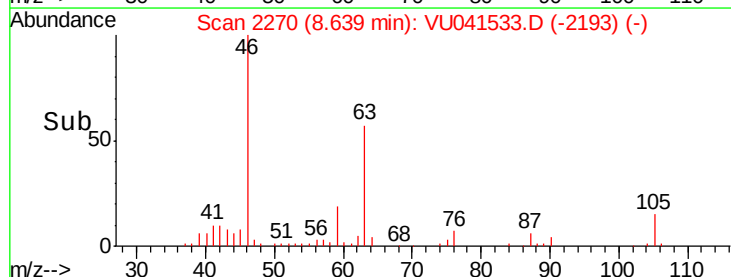
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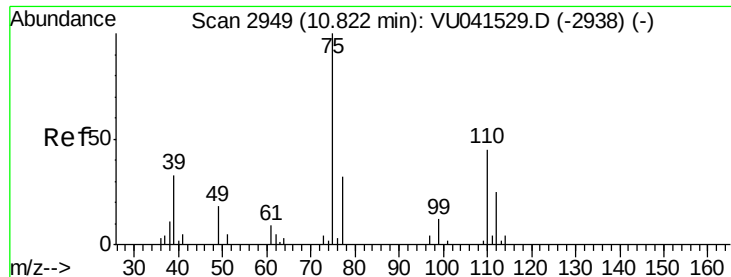
1000

500

0

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 0.727 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU041533.D
 Acq: 10 Dec 2020 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ1

Tot Ion: 75 Resp: 2094
 Ion Ratio Lower Upper
 75 100
 77 44.5 26.3 39.5#

