

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041246.D
 Acq On : 16 Nov 2020 14:34
 Operator : SY/MD
 Sample : L4754-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BW7

Quant Time: Nov 17 07:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69899	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23355	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	22598	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	36933	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.65	46	101576	47.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	5.08	84	52037	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	32848	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	91106	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	33882	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	76977	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	11656	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	68418	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28627	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	28766	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

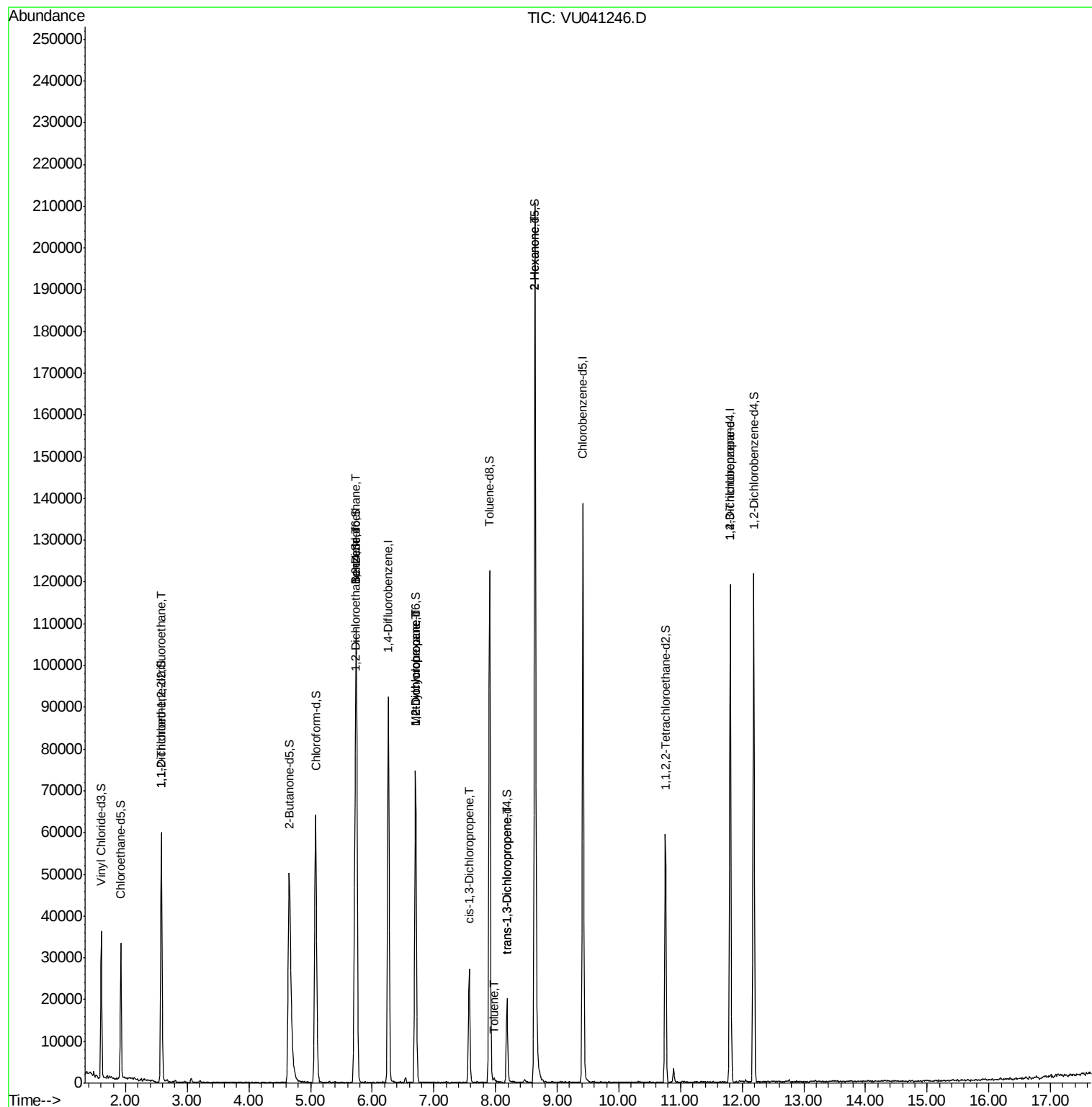
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	261	0.051	ug/L #	22
27) 1,2-Dichloroethane	5.74	62	547	0.071	ug/L #	74
33) Benzene	5.74	78	756	0.039	ug/L	100
35) Methylcyclohexane	6.70	83	7748	1.111	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3839	0.676	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	745	0.094	ug/L #	59
42) Toluene	7.98	91	729	0.035	ug/L	77
44) trans-1,3-Dichloropropene	8.18	75	545	0.073	ug/L #	63
48) 2-Hexanone	8.64	43	9752	2.782	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	3796	0.848	ug/L	91

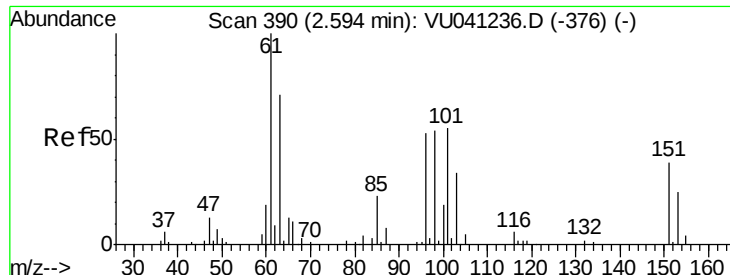
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.051 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041246.D

Acq: 16 Nov 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

C0BW7

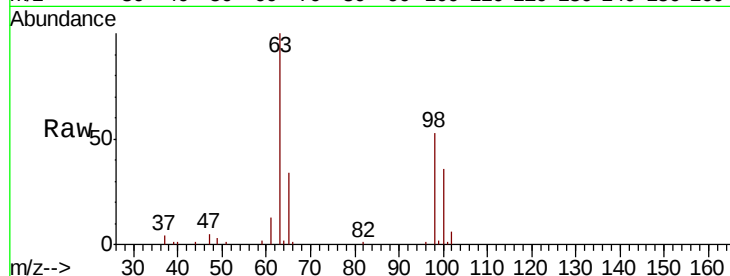
Tot Ion:101 Resp: 261

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

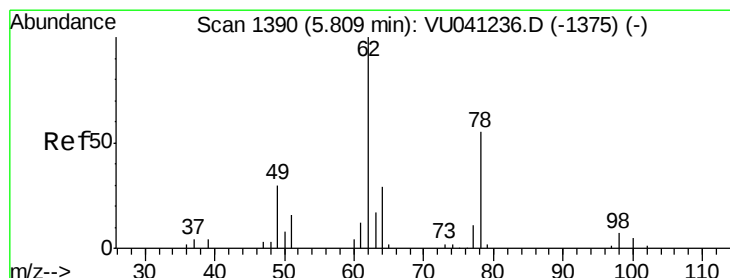
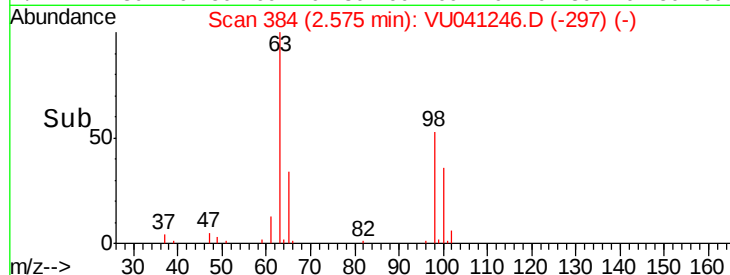
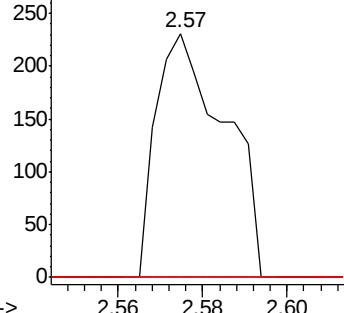
151 0.0 55.3 82.9#



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



#27

1,2-Dichloroethane

Concen: 0.071 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041246.D

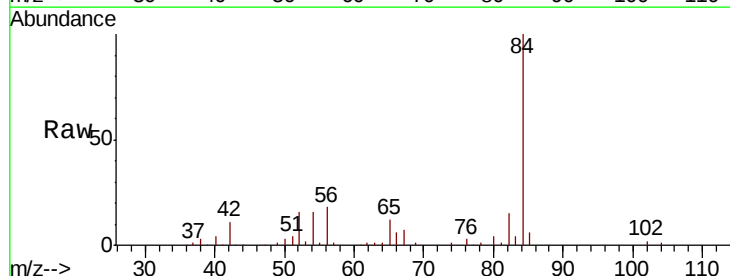
Acq: 16 Nov 2020 14:34

Tgt Ion: 62 Resp: 547

Ion Ratio Lower Upper

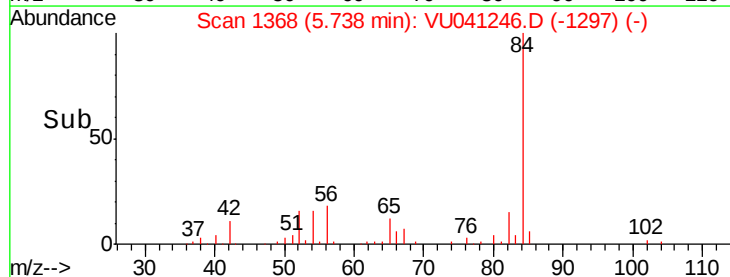
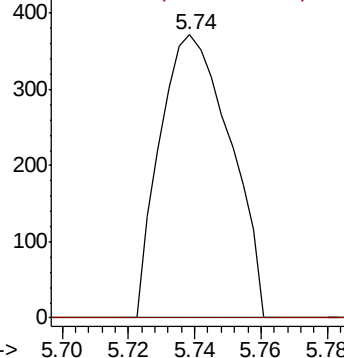
62 100

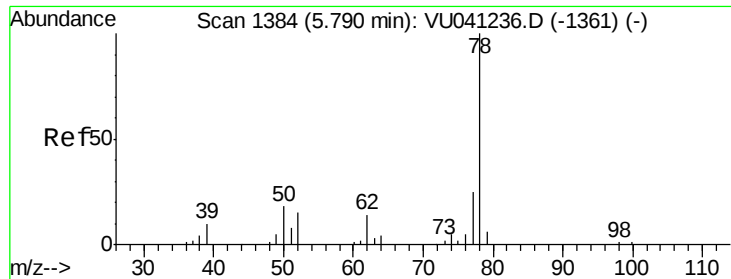
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#33

Benzene

Concen: 0.039 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041246.D

Acq: 16 Nov 2020 14:34

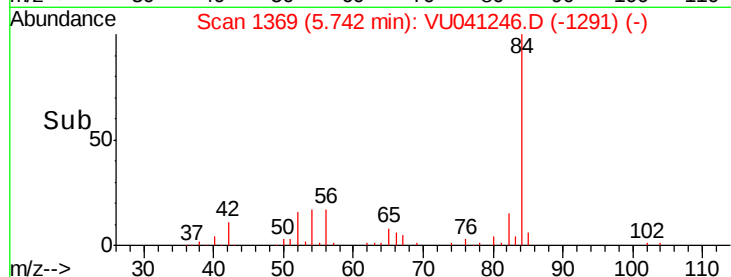
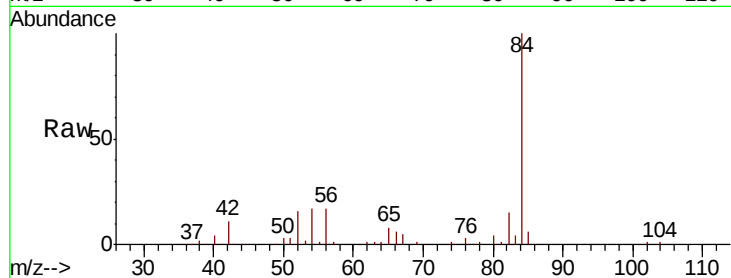
Instrument :

MSVOA_U

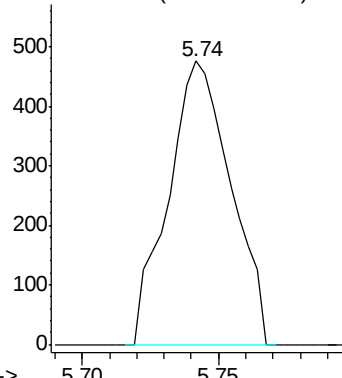
ClientSampled :

C0BW7

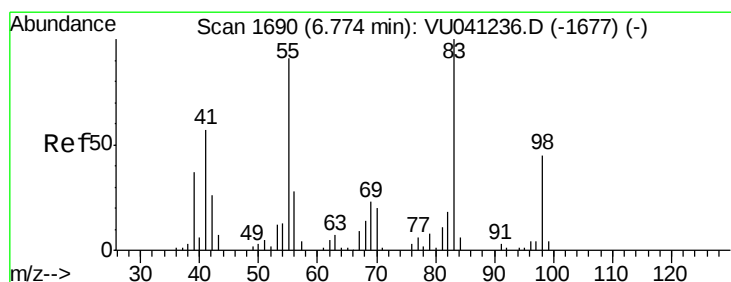
Tgt Ion: 78 Resp: 756



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 1.111 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041246.D

Acq: 16 Nov 2020 14:34

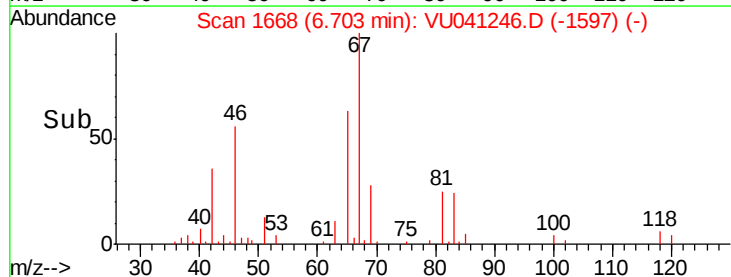
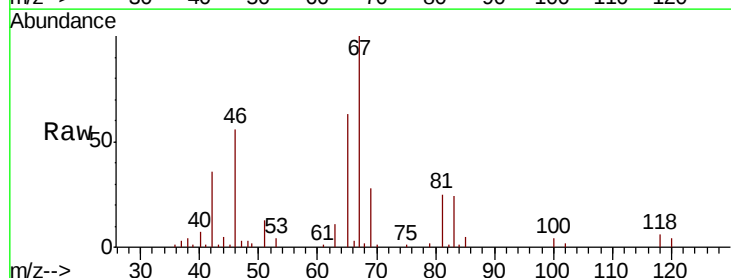
Tgt Ion: 83 Resp: 7748

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

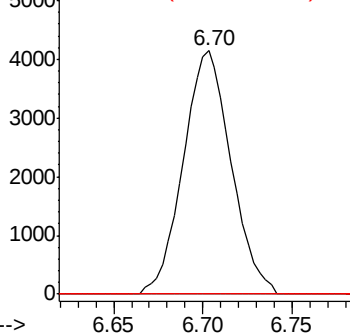
98 4.1 36.6 55.0#



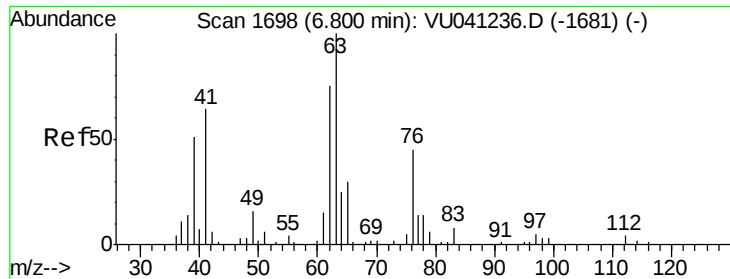
Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



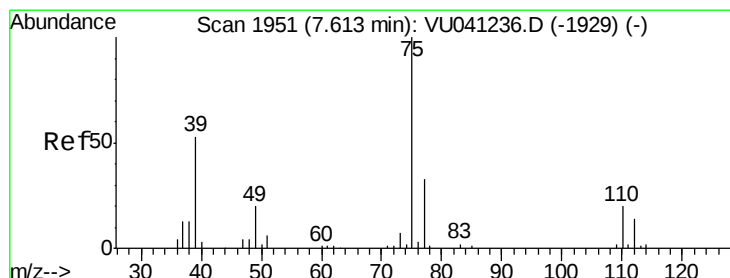
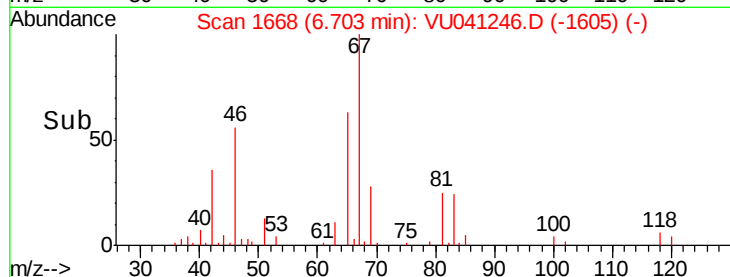
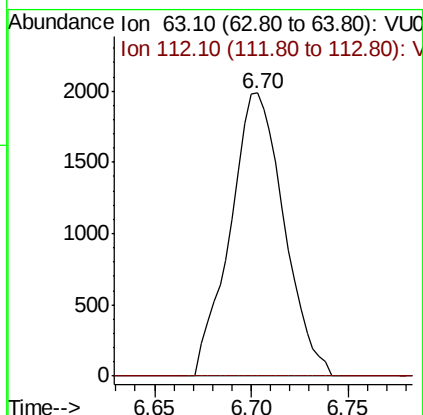
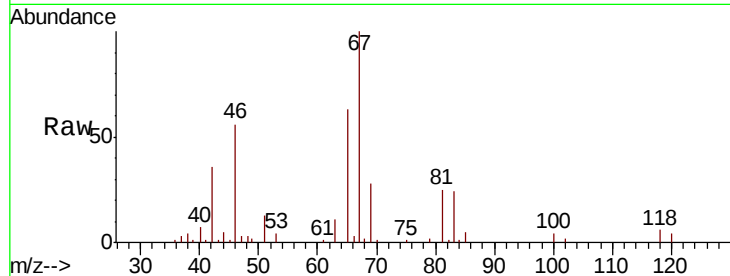
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041246.D
 Acq: 16 Nov 2020 14:34

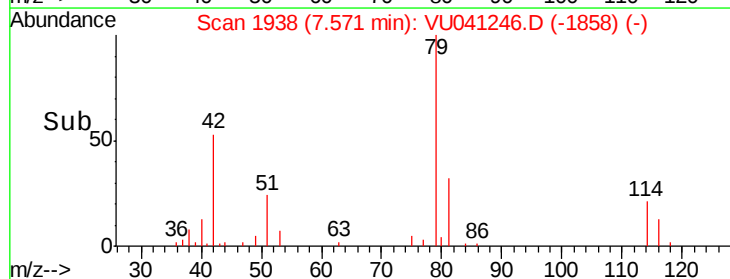
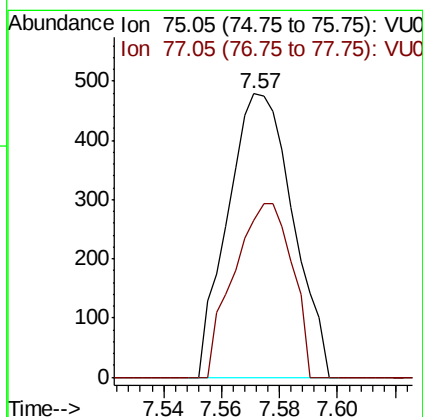
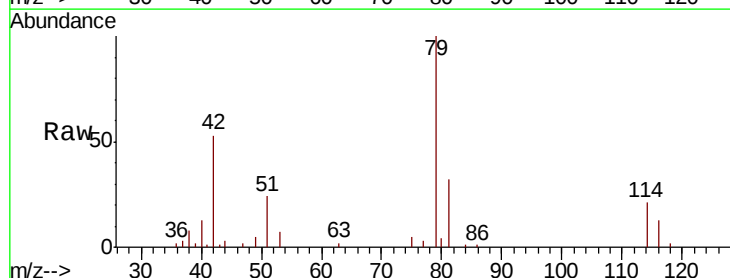
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 C0BW7

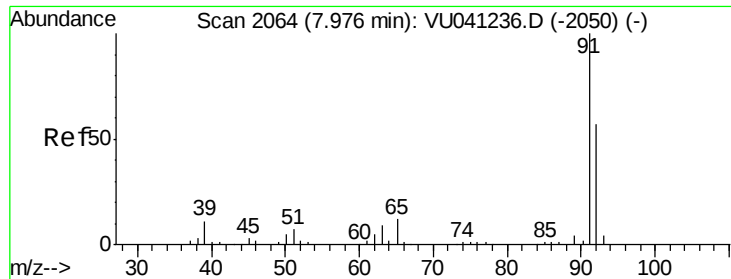
Tot Ion: 63 Resp: 3839
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041246.D
 Acq: 16 Nov 2020 14:34

Tgt Ion: 75 Resp: 745
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.7 42.3#





#42

Toluene

Concen: 0.035 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU041246.D

Acq: 16 Nov 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

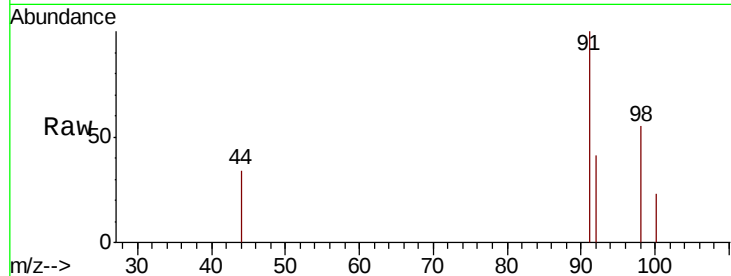
C0BW7

Tot Ion: 91 Resp: 729

Ion Ratio Lower Upper

91 100

92 40.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041236.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU041236.D (-2050) (-)

7.98

600

500

400

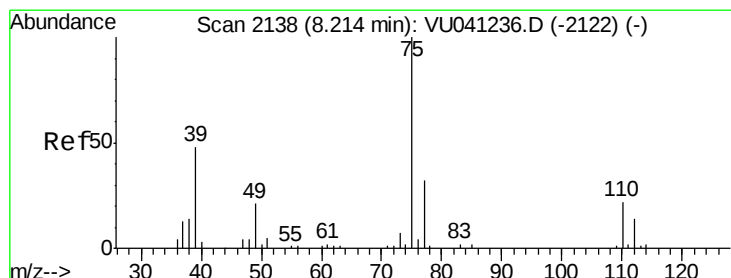
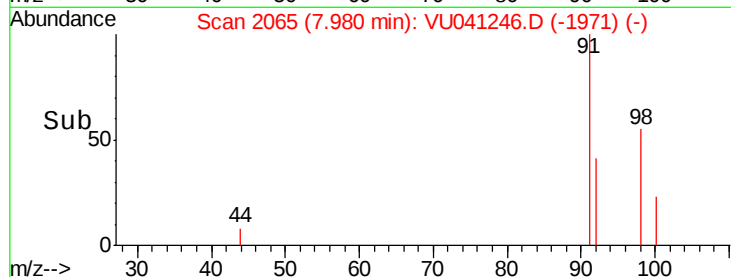
300

200

100

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041246.D

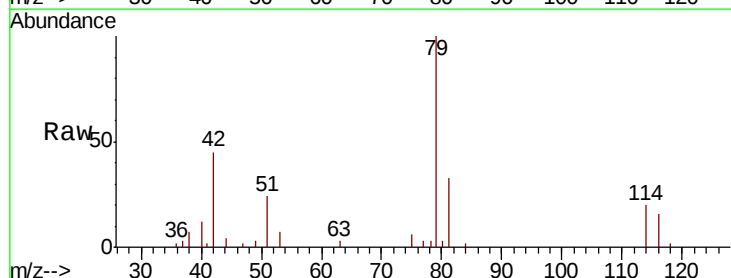
Acq: 16 Nov 2020 14:34

Tgt Ion: 75 Resp: 545

Ion Ratio Lower Upper

75 100

77 54.1 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041236.D (-2122) (-)

Ion 77.05 (76.75 to 77.75): VU041236.D (-2122) (-)

8.18

400

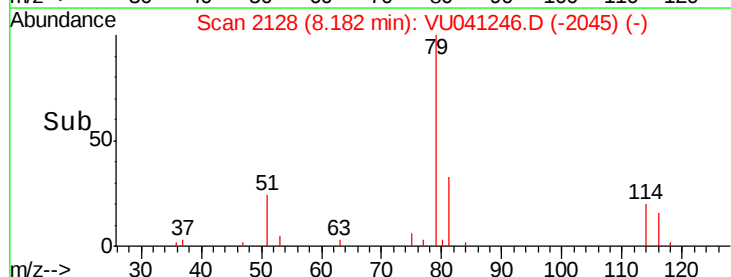
300

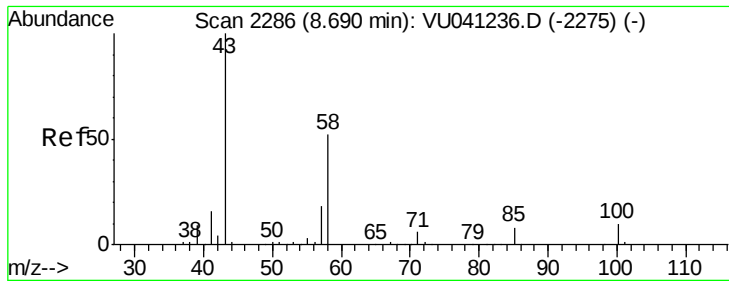
200

100

0

Time-->

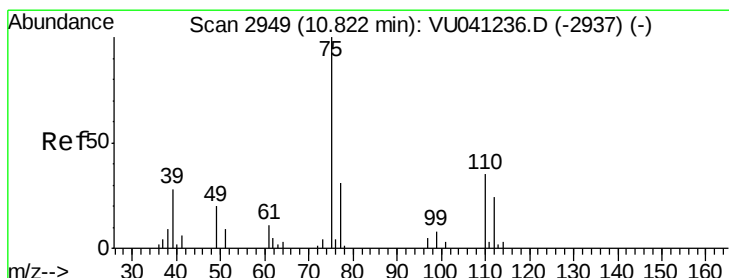
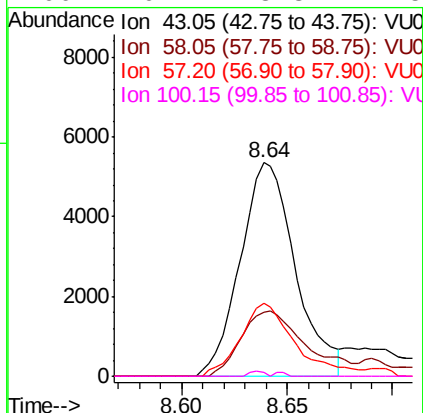
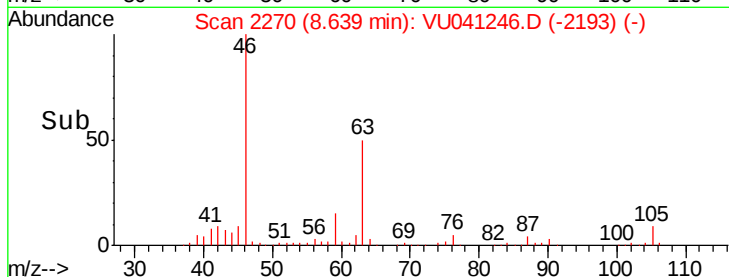
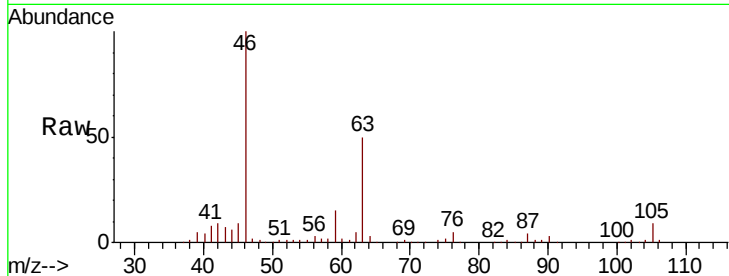




#48
2-Hexanone
Concen: 2.782 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041246.D
Acq: 16 Nov 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
C0BW7

Tot Ion:	43	Resp:	9752
Ion	Ratio	Lower	Upper
43	100		
58	35.8	41.4	62.2#
57	33.8	14.6	21.8#
100	0.4	8.3	12.5#



#59
1,2,3-Trichloropropane
Concen: 0.848 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041246.D
Acq: 16 Nov 2020 14:34

Tgt Ion:	75	Resp:	3796
Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.7	38.5

