

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041744.D
 Acq On : 22 Dec 2020 16:18
 Operator : SY/MD
 Sample : VU1222WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

Quant Time: Dec 23 05:08:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132931	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46654	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.92	69	45977	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.57	63	69121	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.66	46	156293	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	5.08	84	89563	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.71	65	52837	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	174306	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	56046	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.90	98	144692	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.18	79	22413	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	139429	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52819	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53950	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

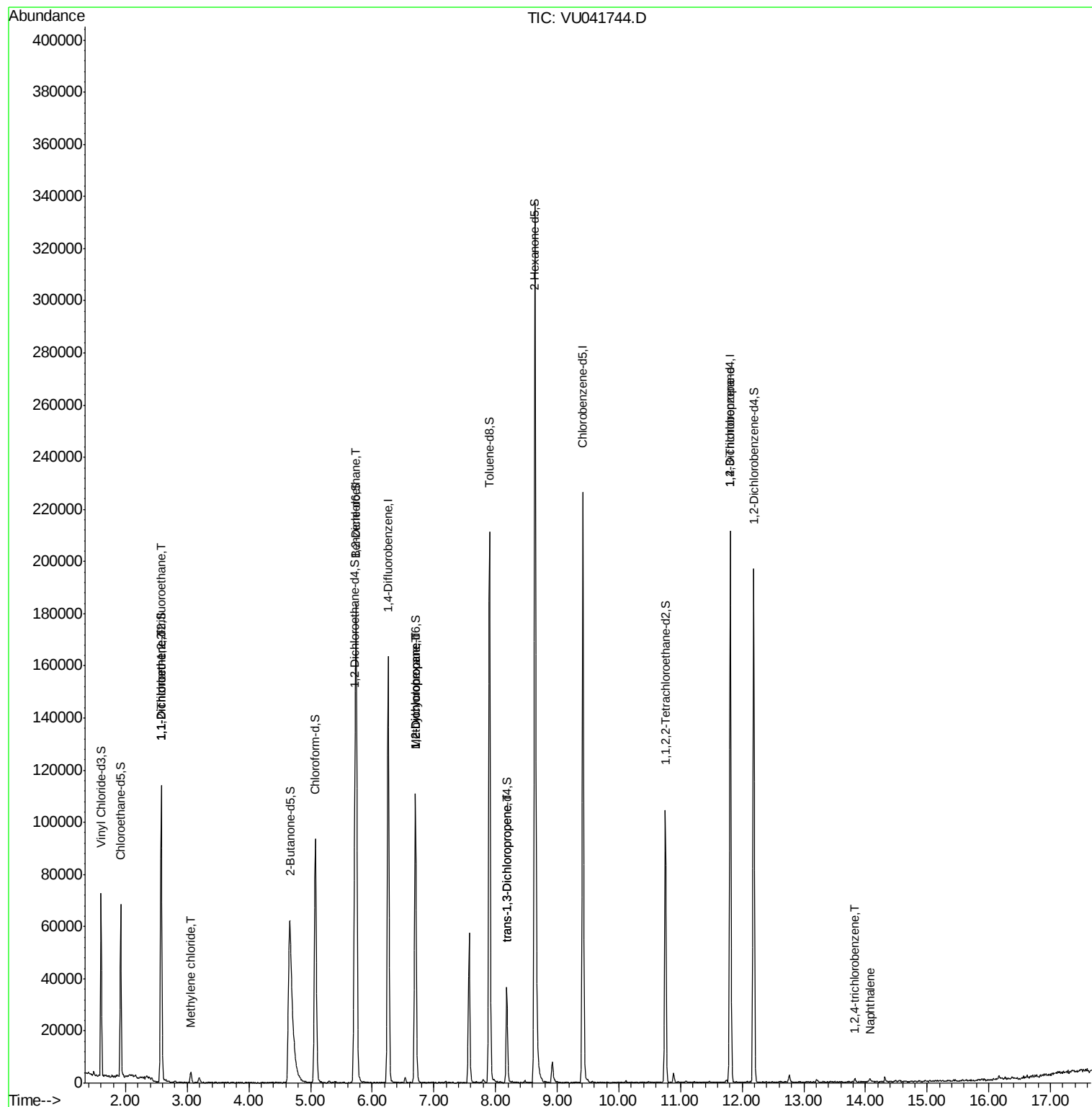
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	798	0.087	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	652	0.072	ug/L #	1
16) Methylene chloride	3.06	84	2126	0.197	ug/L	93
27) 1,2-Dichloroethane	5.74	62	892	0.075	ug/L #	73
35) Methylcyclohexane	6.70	83	12406	0.721	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5702	0.526	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	1115	0.078	ug/L	91
59) 1,2,3-Trichloropropane	11.81	75	6580	0.808	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	679	0.058	ug/L #	76
69) Naphthalene	14.07	128	1701	0.070	ug/L #	81

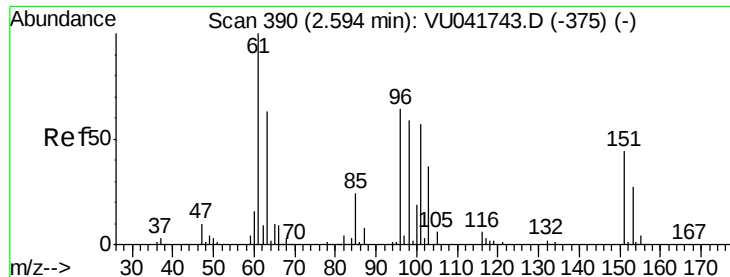
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.087 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041744.D

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VBLK11

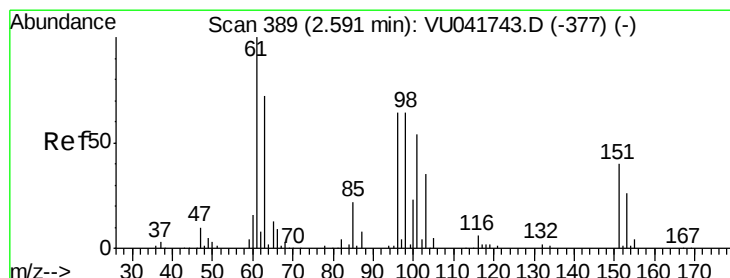
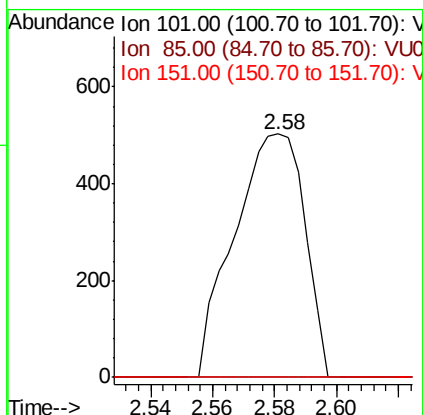
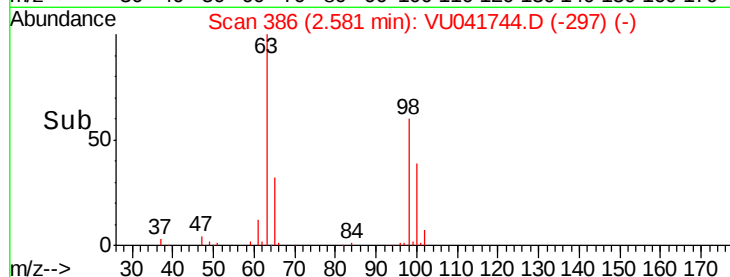
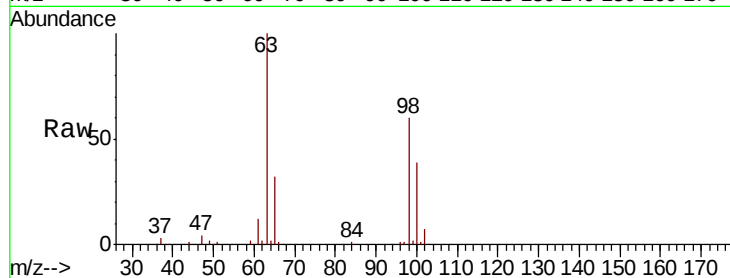
Tot Ion:101 Resp: 798

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041744.D

Acq: 22 Dec 2020 16:18

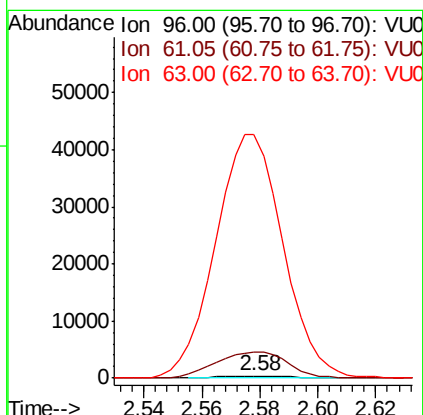
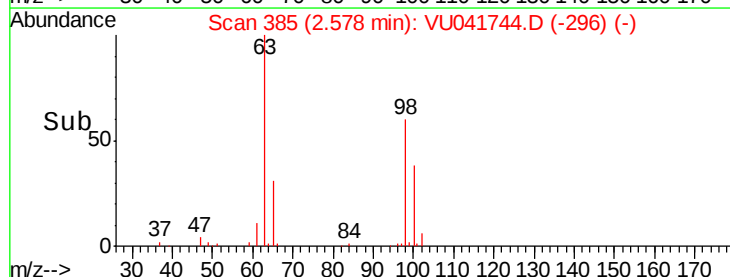
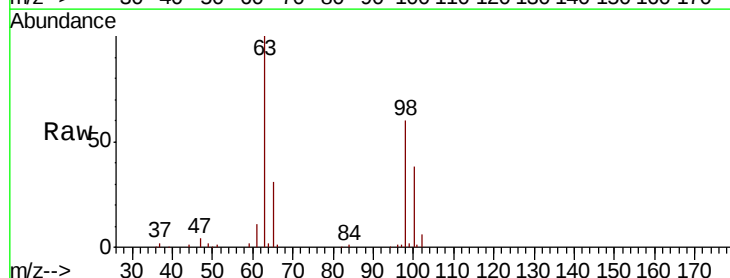
Tgt Ion: 96 Resp: 652

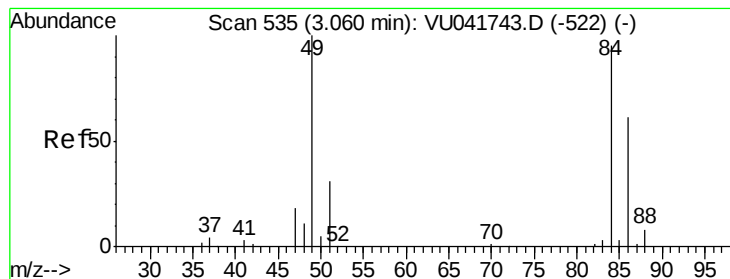
Ion Ratio Lower Upper

96 100

61 1289.0 123.8 230.0#

63 12077.1 81.0 150.4#





#16

Methylene chloride

Concen: 0.197 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041744.D

Acq: 22 Dec 2020 16:18

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

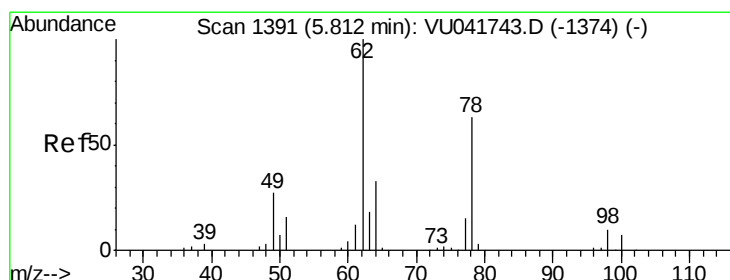
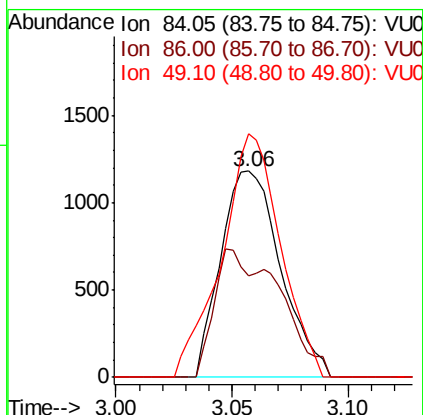
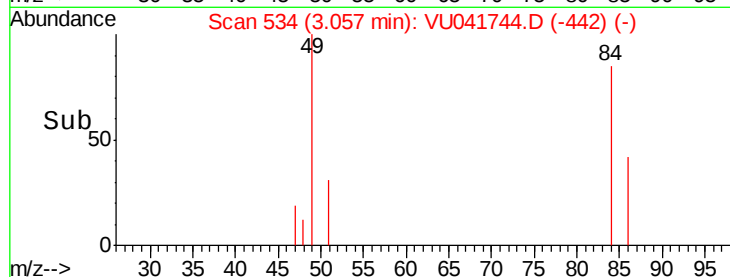
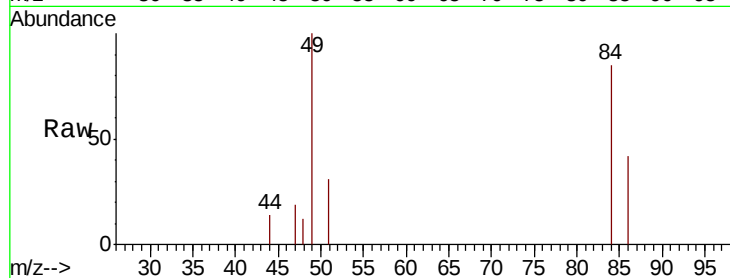
Tot Ion: 84 Resp: 2126

Ion Ratio Lower Upper

84 100

86 49.4 45.1 83.7

49 118.2 83.1 154.3



#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041744.D

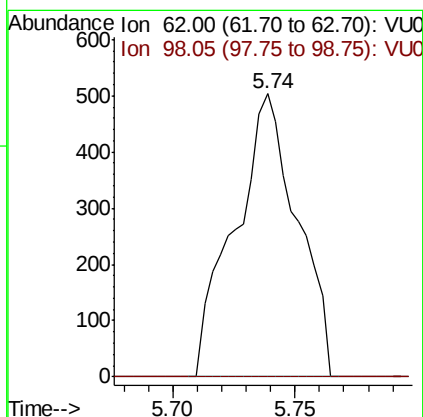
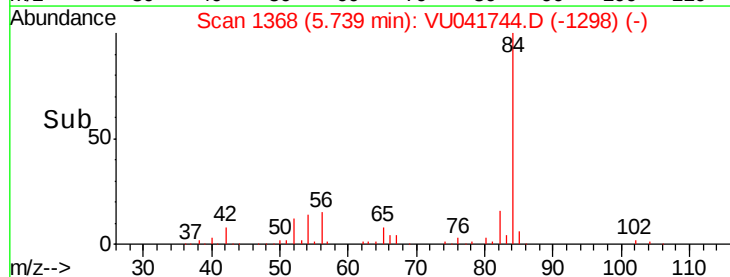
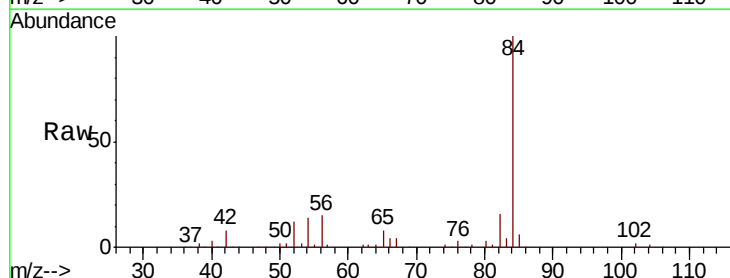
Acq: 22 Dec 2020 16:18

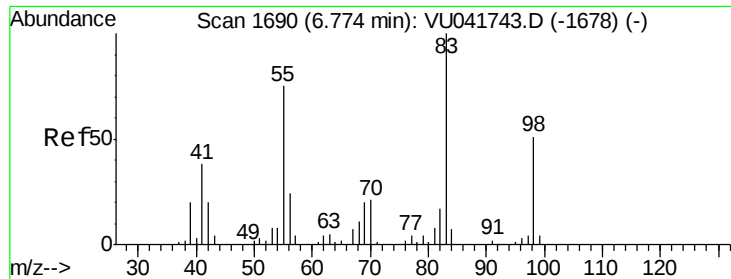
Tgt Ion: 62 Resp: 892

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#

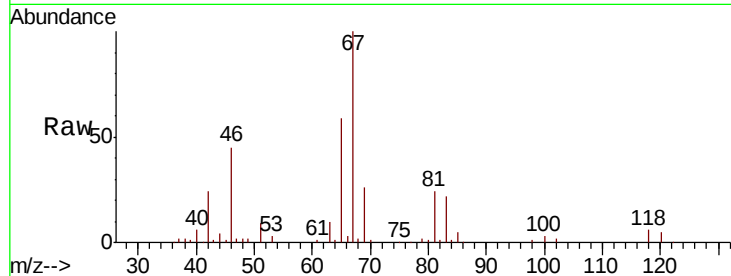




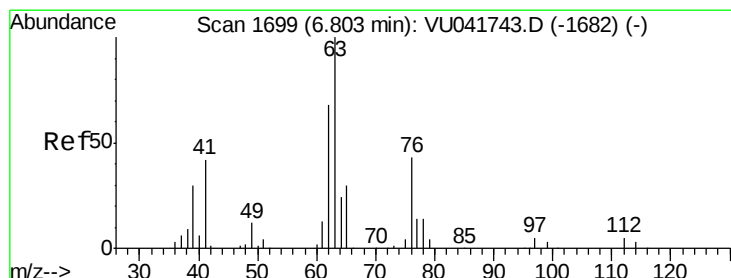
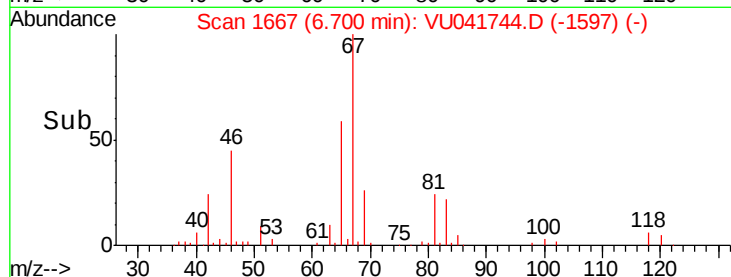
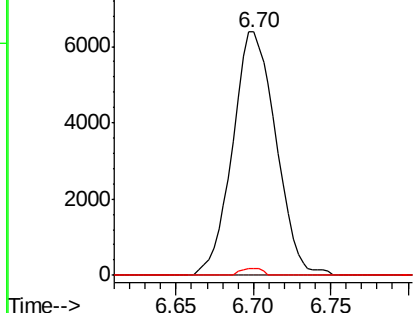
#35
Methvlcvclohexane
Concen: 0.721 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041744.D
Acq: 22 Dec 2020 16:18

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Tot Ion	83.15	Resp	12406
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	1.5	36.6	54.8#

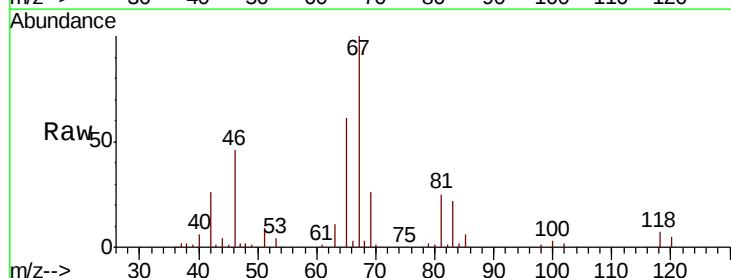


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

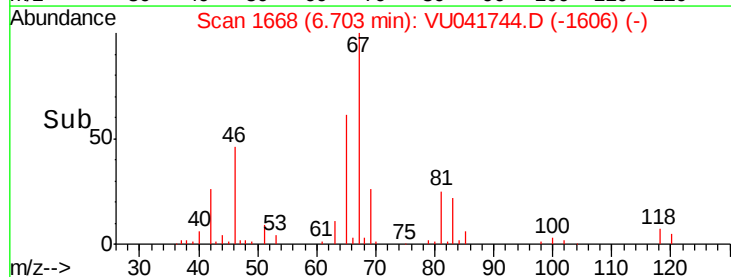
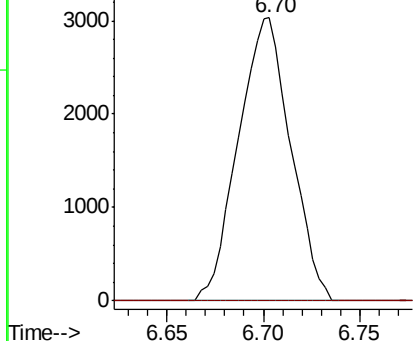


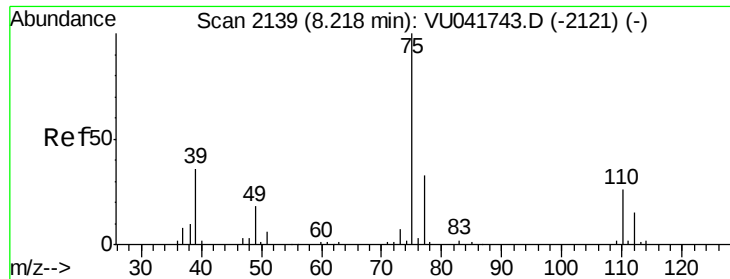
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041744.D
Acq: 22 Dec 2020 16:18

Tgt Ion	63	Resp	5702
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041744.D

Acq: 22 Dec 2020 16:18

Instrument :

MSVOA_U

ClientSampleId :

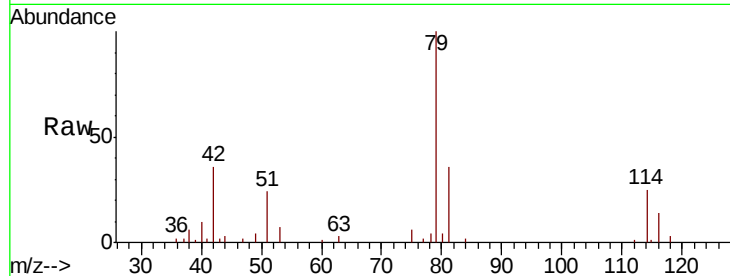
VBLK11

Tot Ion: 75 Resp: 1115

Ion Ratio Lower Upper

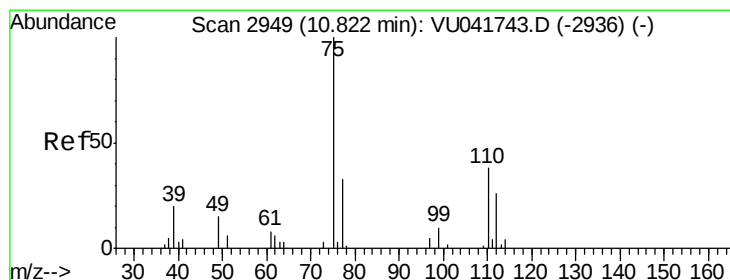
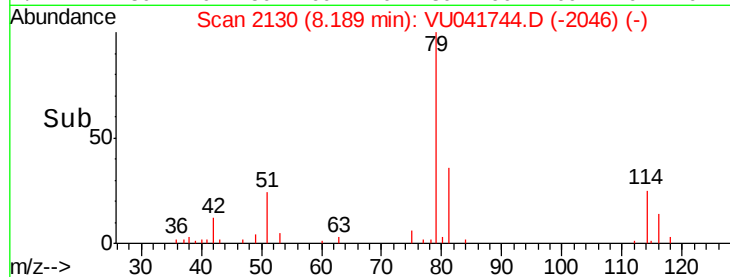
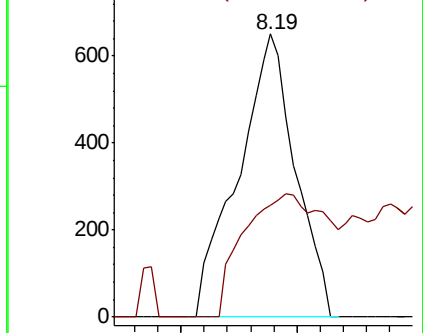
75 100

77 39.3 23.8 44.2



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: 0.808 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041744.D

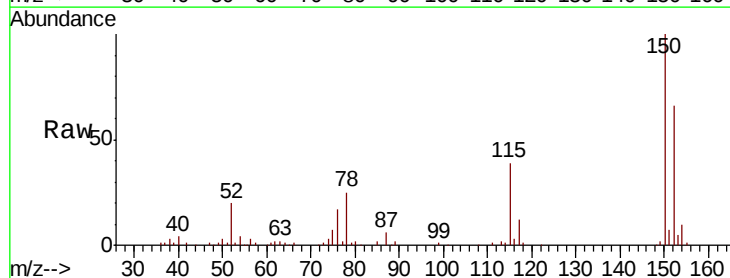
Acq: 22 Dec 2020 16:18

Tgt Ion: 75 Resp: 6580

Ion Ratio Lower Upper

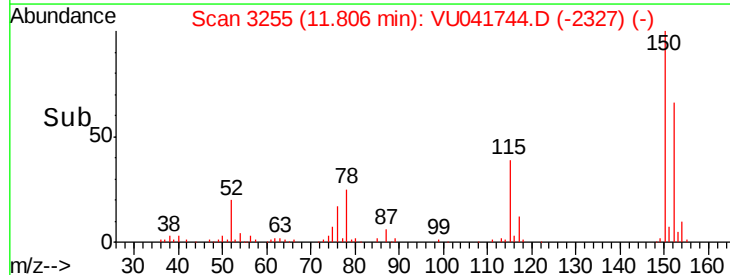
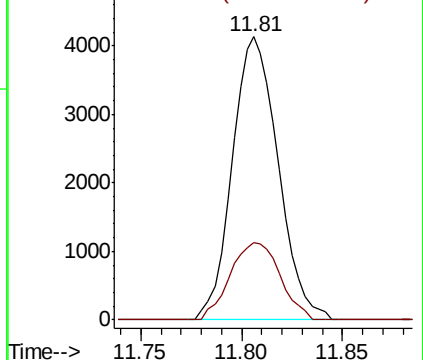
75 100

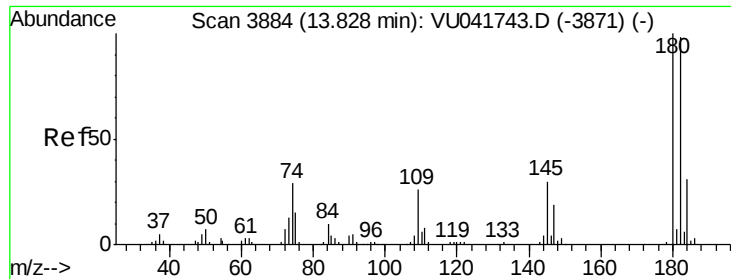
77 29.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

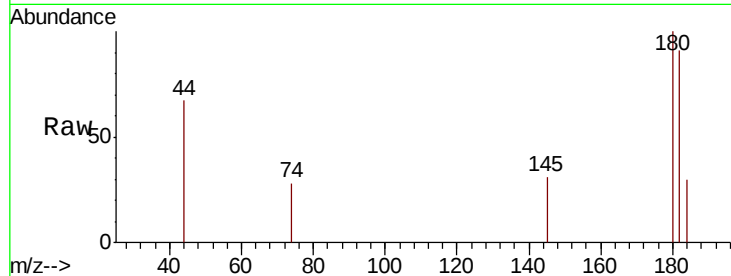




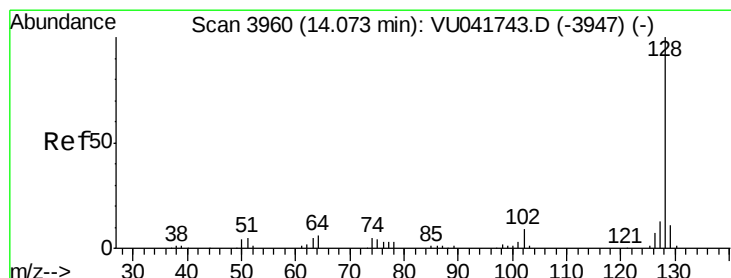
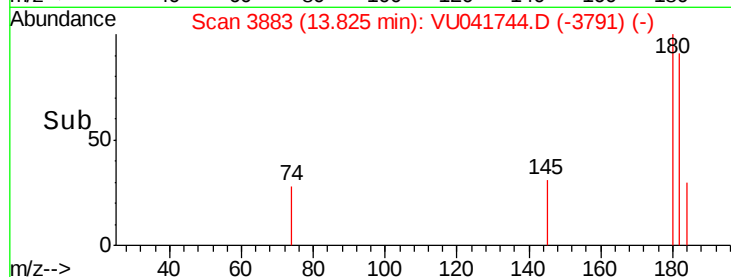
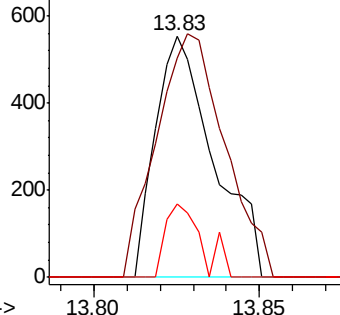
#68
 1,2,4-trichlorobenzene
 Concen: 0.058 ug/L
 RT: 13.83 min Scan# 3883
 Delta R.T. -0.00 min
 Lab File: VU041744.D
 Acq: 22 Dec 2020 16:18

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 VBLK11

Tot Ion:180 Resp: 679
 Ion Ratio Lower Upper
 180 100
 182 118.4 75.4 113.0#
 145 18.7 24.5 36.7#

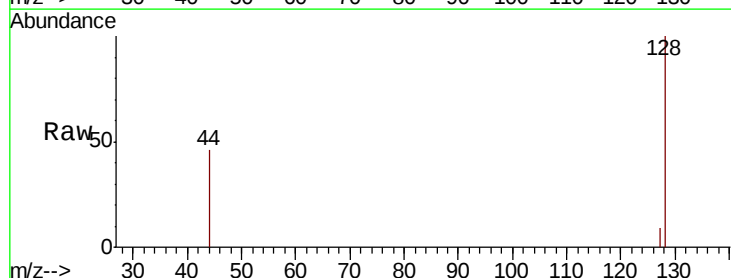


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.070 ug/L
 RT: 14.07 min Scan# 3960
 Delta R.T. 0.00 min
 Lab File: VU041744.D
 Acq: 22 Dec 2020 16:18

Tgt Ion:128 Resp: 1701
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 8.9 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

