

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040289.D
 Acq On : 25 Sep 2020 10:47
 Operator : SY/MD
 Sample : VV0926WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK13

Quant Time: Sep 26 04:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33999	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	32539	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	58347	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	173071	59.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.08%
24) Chloroform-d	5.08	84	75985	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	50879	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	146813	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	49545	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.90	98	117506	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	19537	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.64	63	118157	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44520	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48272	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

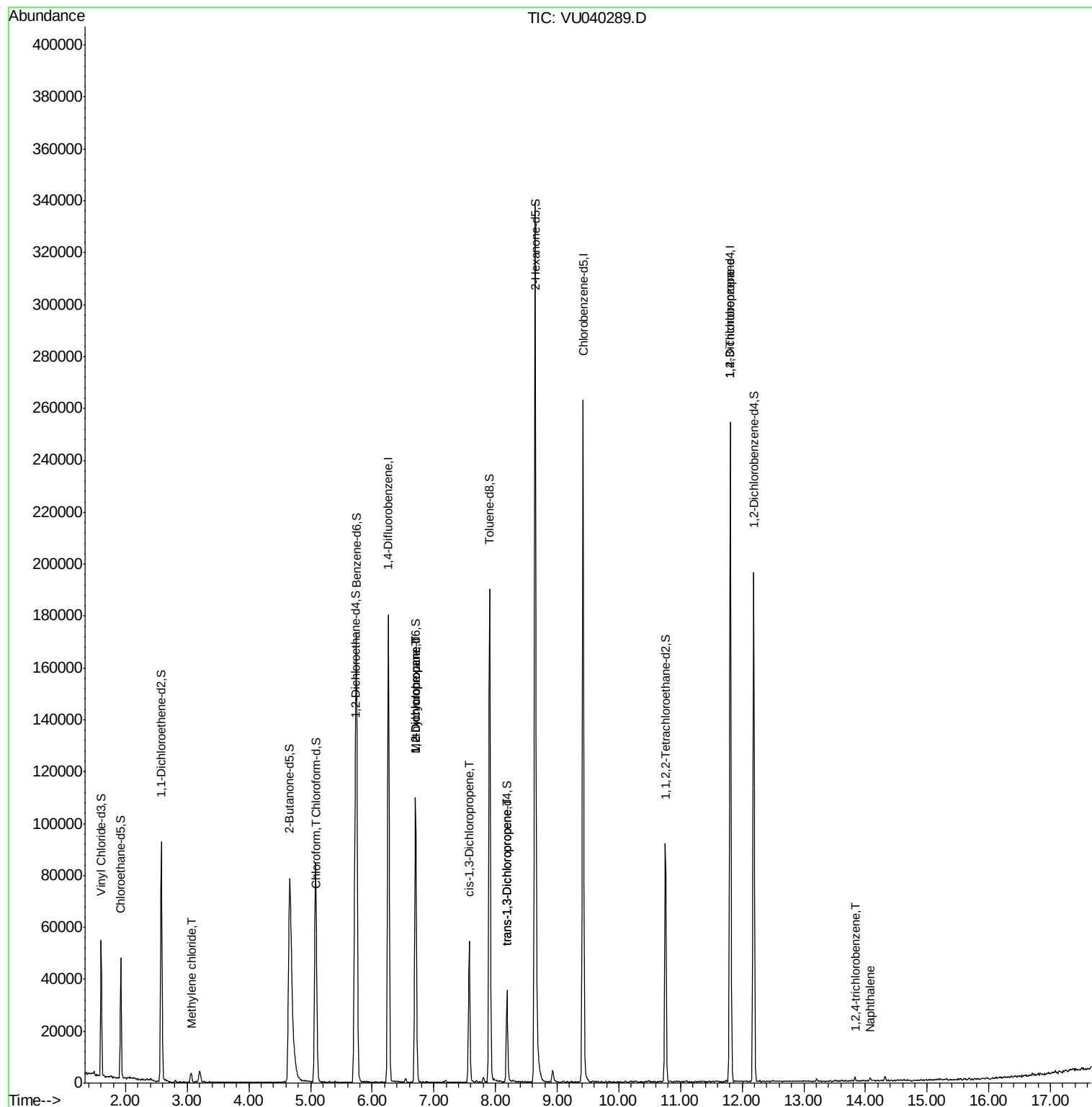
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	1754	0.129	ug/L	77
25) Chloroform	5.11	83	2192	0.093	ug/L	97
35) Methylcyclohexane	6.70	83	11201	0.565	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6206	0.475	ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	1396	0.072	ug/L #	83
44) trans-1,3-Dichloropropene	8.18	75	982	0.055	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	8912	0.920	ug/L	91
68) 1,2,4-Trichlorobenzene	13.83	180	658	0.048	ug/L #	83
69) Naphthalene	14.08	128	1469	0.052	ug/L #	76

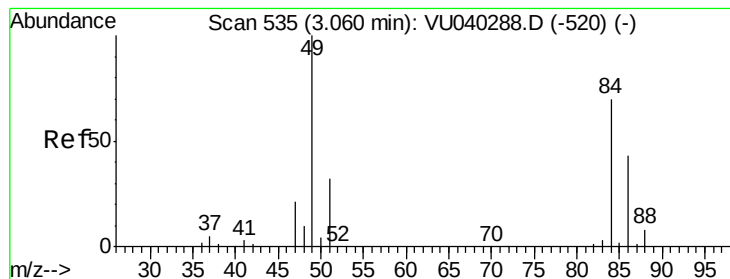
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.129 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040289.D

Acq: 25 Sep 2020 10:47

Instrument :

MSVOA_U

ClientSampleId :

VBLK13

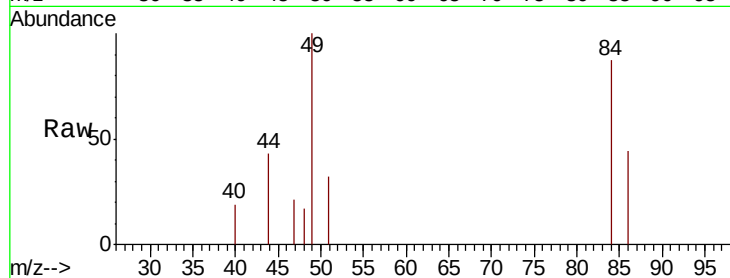
Tot Ion: 84 Resp: 1754

Ion Ratio Lower Upper

84 100

86 51.2 45.2 84.0

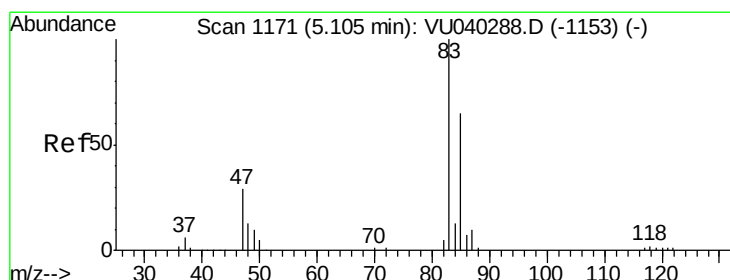
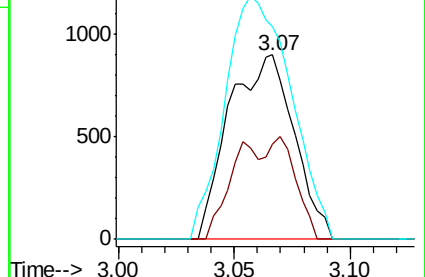
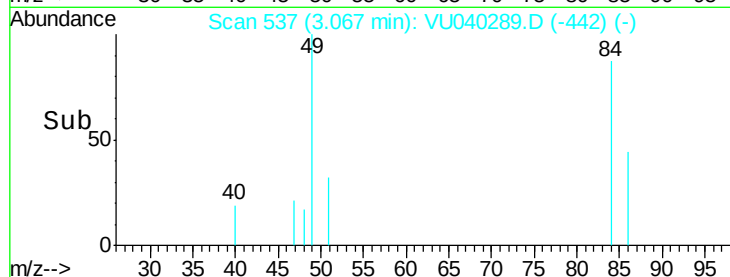
49 115.6 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040289.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040289.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040289.D (-442) (-)



#25

Chloroform

Concen: 0.093 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040289.D

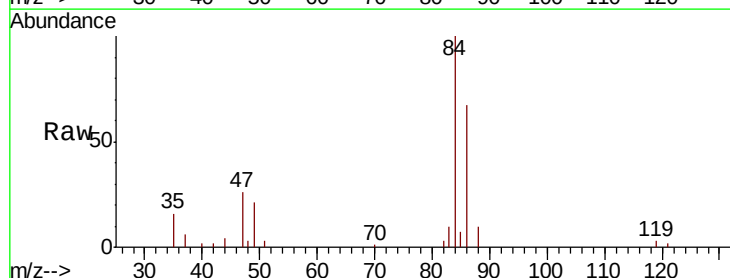
Acq: 25 Sep 2020 10:47

Tgt Ion: 83 Resp: 2192

Ion Ratio Lower Upper

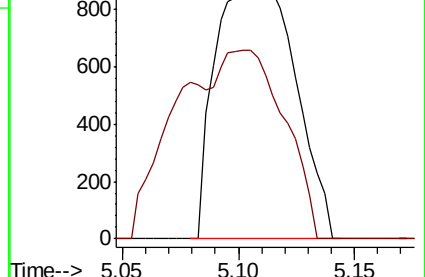
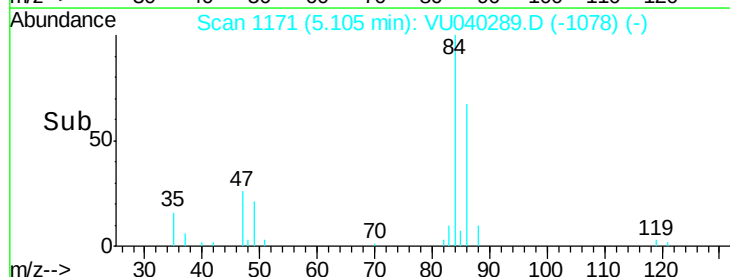
83 100

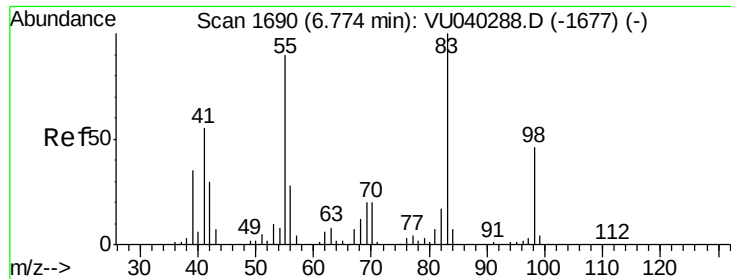
85 66.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040289.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040289.D (-1078) (-)

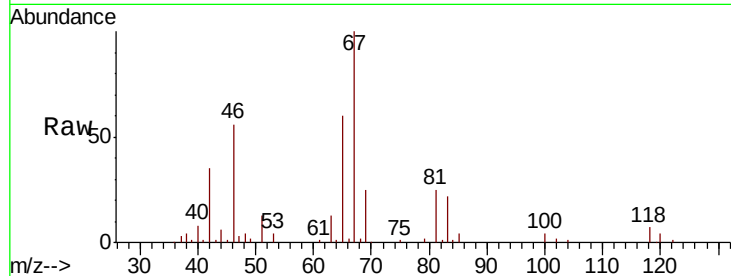




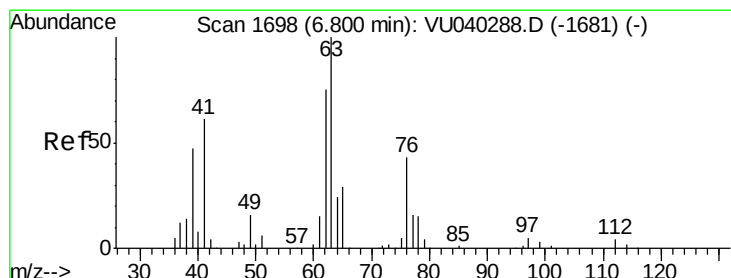
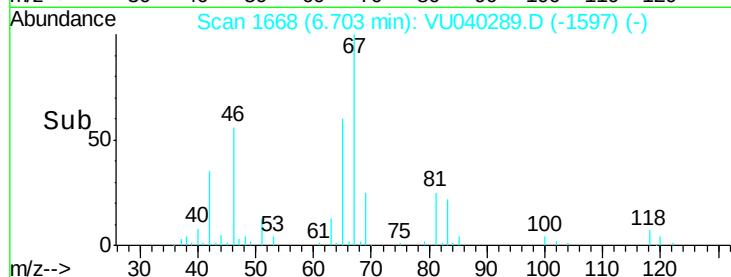
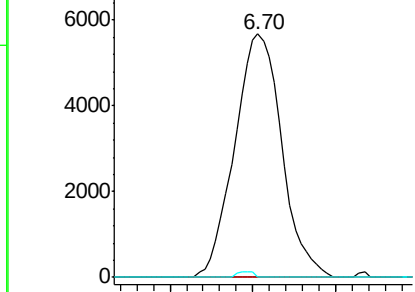
#35
Methylvlcyclohexane
Concen: 0.565 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040289.D
Acq: 25 Sep 2020 10:47

Instrument :
MSVOA_U
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VBLK13

Tot Ion: 83 Resp: 11201
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.8 37.8 56.6#

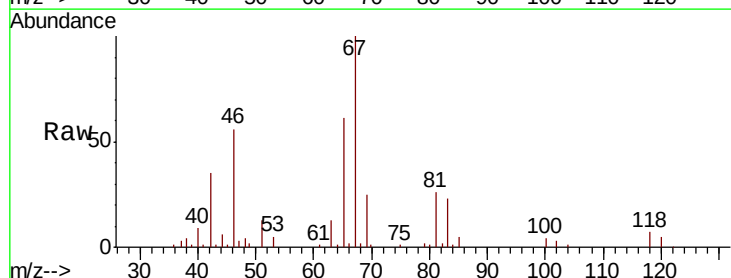


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

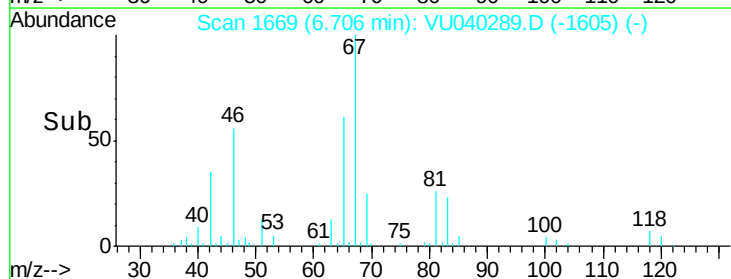
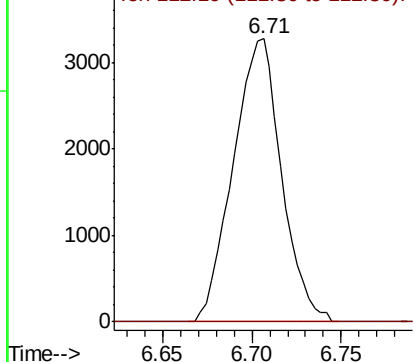


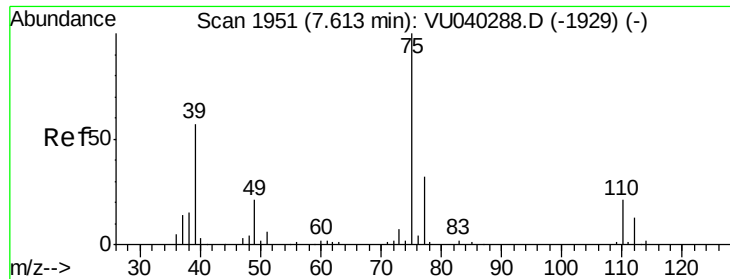
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040289.D
Acq: 25 Sep 2020 10:47

Tgt Ion: 63 Resp: 6206
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#



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

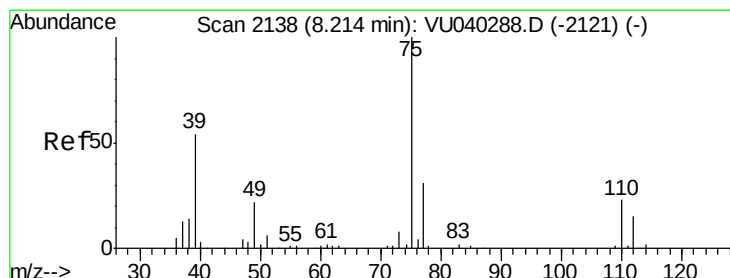
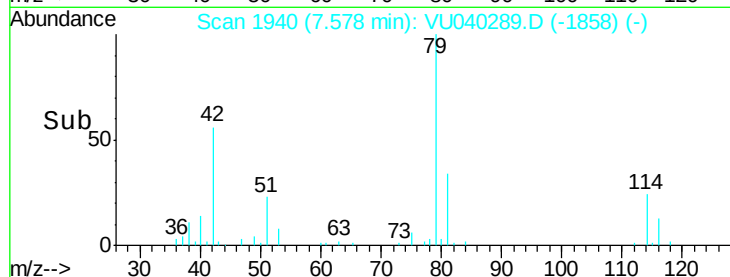
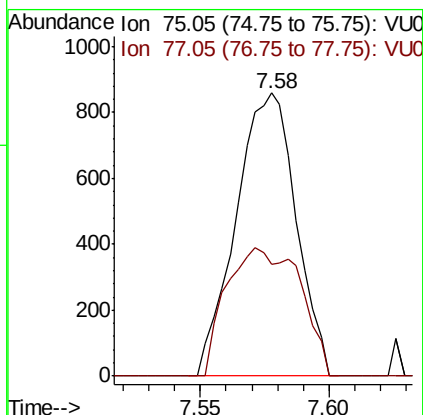
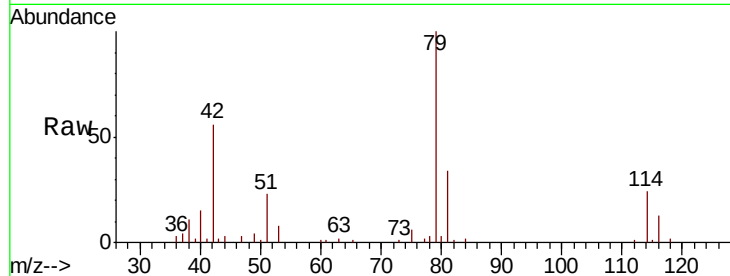




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040289.D
 Acq: 25 Sep 2020 10:47

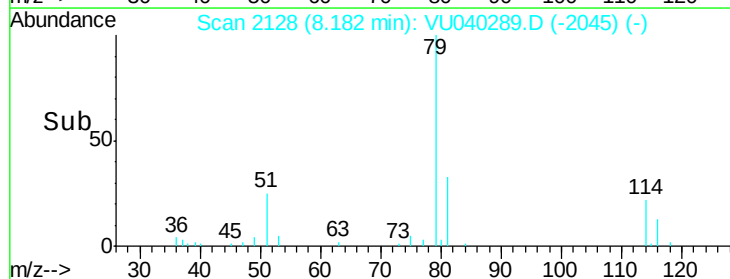
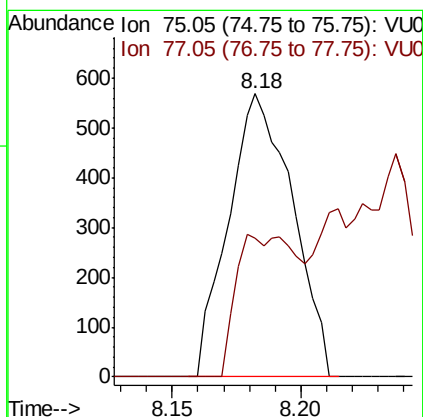
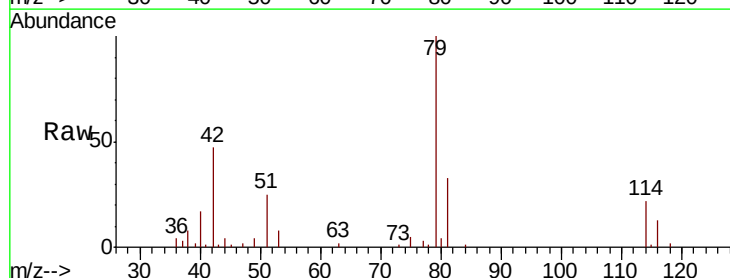
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK13

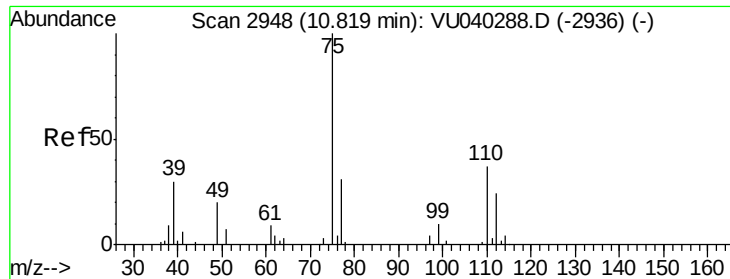
Tot Ion: 75 Resp: 1396
 Ion Ratio Lower Upper
 75 100
 77 39.6 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.055 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040289.D
 Acq: 25 Sep 2020 10:47

Tgt Ion: 75 Resp: 982
 Ion Ratio Lower Upper
 75 100
 77 48.9 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.920 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040289.D

Acq: 25 Sep 2020 10:47

Instrument :

MSVOA_U

ClientSampleId :

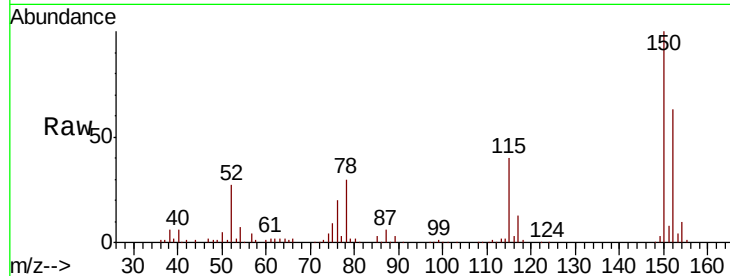
VBLK13

Tot Ion: 75 Resp: 8912

Ion Ratio Lower Upper

75 100

77 35.9 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU040288.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040288.D (-2936) (-)

11.81

6000

5000

4000

3000

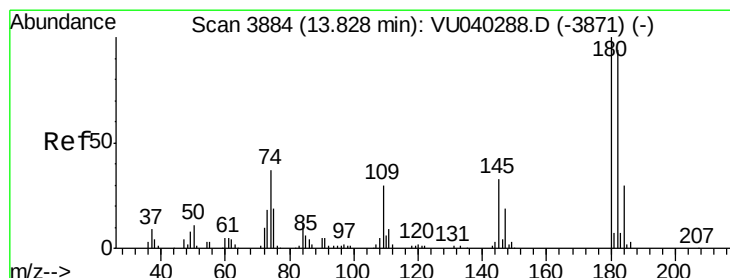
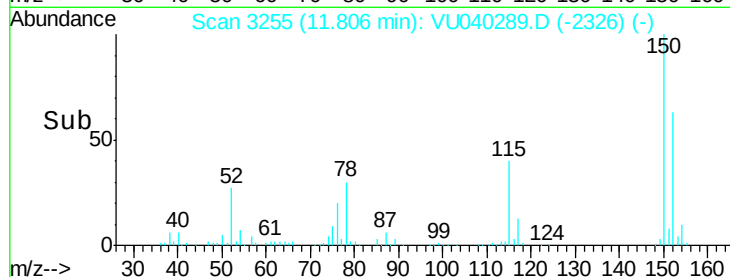
2000

1000

0

11.75 11.80 11.85

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.048 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040289.D

Acq: 25 Sep 2020 10:47

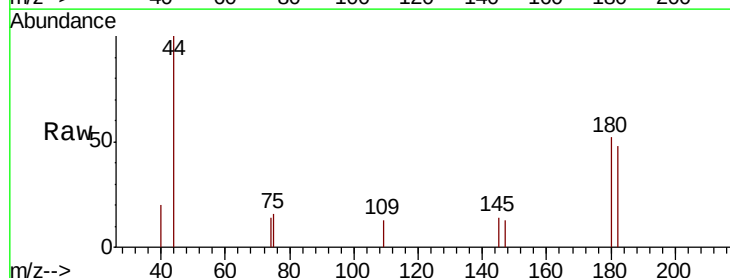
Tgt Ion: 180 Resp: 658

Ion Ratio Lower Upper

180 100

182 81.8 76.0 114.0

145 19.9 28.4 42.6#



Abundance Ion 179.90 (179.60 to 180.60): VU040288.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU040288.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU040288.D (-3871) (-)

13.83

600

500

400

300

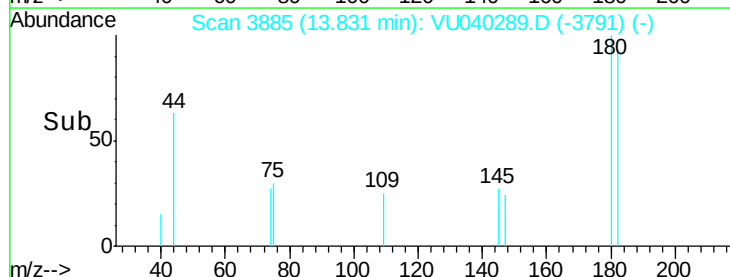
200

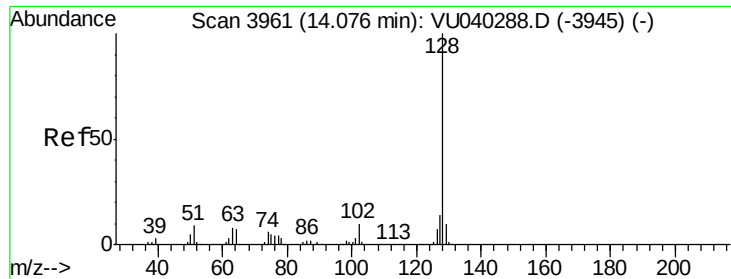
100

0

13.80 13.85

Time-->





#69

Naphthalene

Concen: 0.052 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040289.D

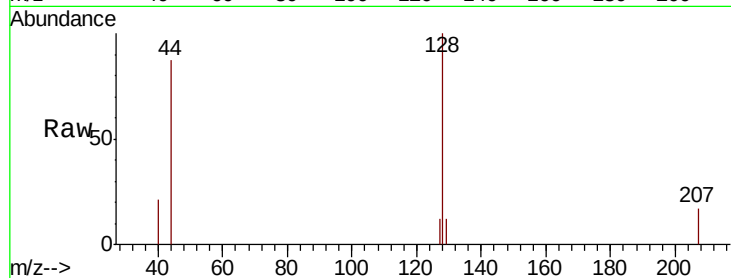
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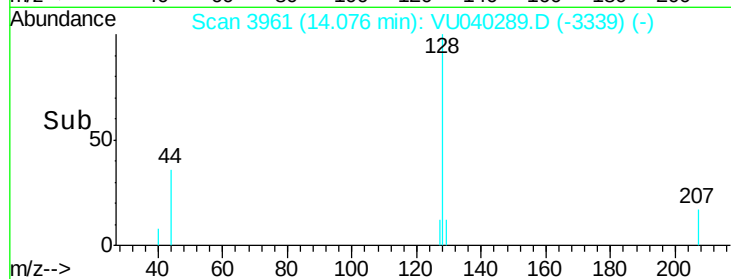
Tot Ion:128 Resp: 1469

Ion Ratio Lower Upper

128 100

129 2.9 8.7 13.1#

127 2.7 10.7 16.1#



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

