

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040304.D
 Acq On : 25 Sep 2020 16:55
 Operator : SY/MD
 Sample : VV0926WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK14

Quant Time: Sep 26 06:51:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36460	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.92	69	33468	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.58	63	58658	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	164356	55.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	5.08	84	77329	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.72	65	49484	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	147291	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	49915	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.90	98	121765	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.18	79	19009	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.64	63	113457	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43861	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47365	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

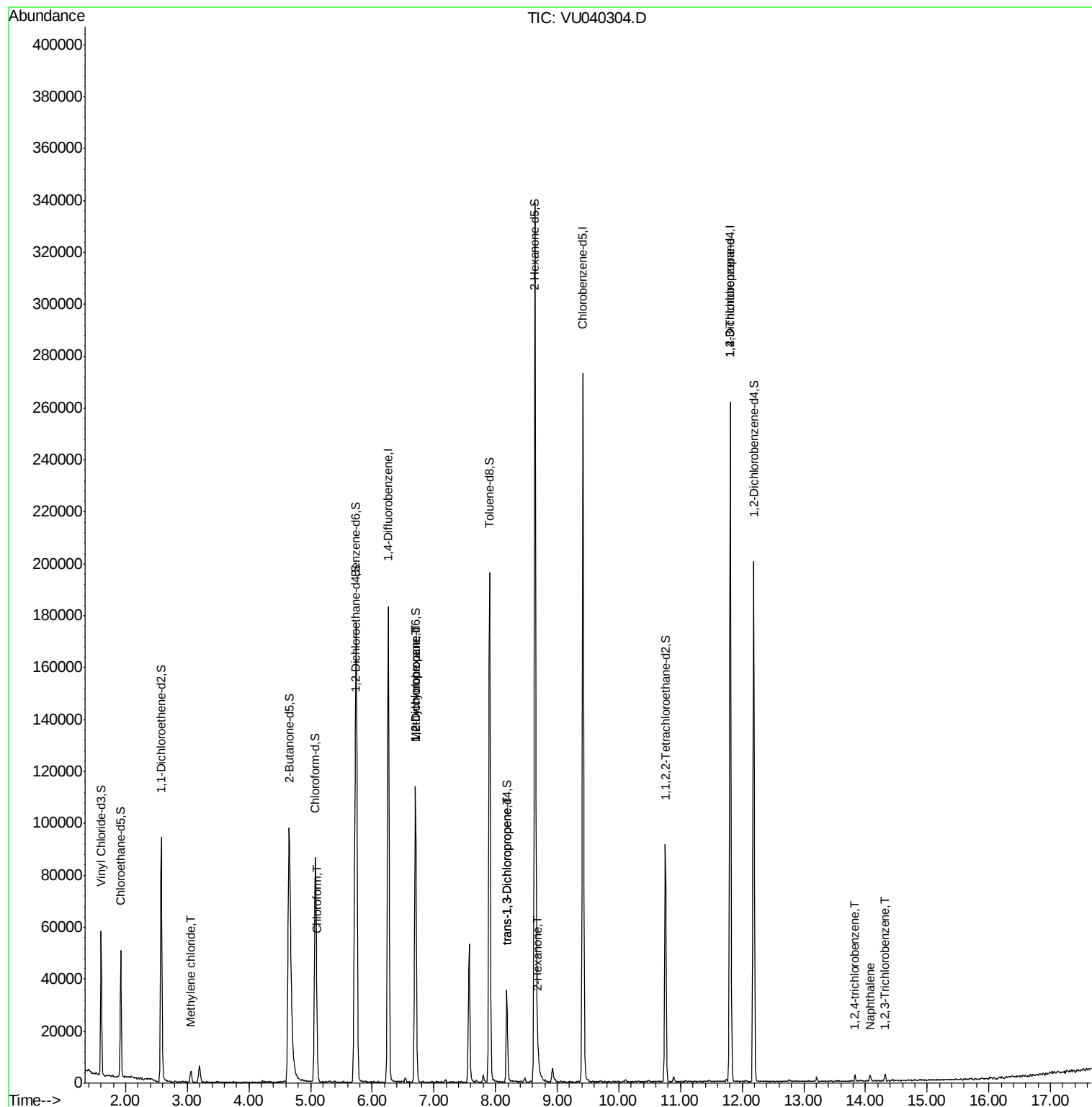
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2069	0.150	ug/L	93
25) Chloroform	5.11	83	2835	0.119	ug/L	94
35) Methylcyclohexane	6.70	83	11878	0.577	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6467	0.477	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	1019	0.055	ug/L #	75
48) 2-Hexanone	8.69	43	3804	0.468	ug/L #	84
59) 1,2,3-Trichloropropane	11.81	75	8871	0.882	ug/L #	84
68) 1,2,4-Trichlorobenzene	13.83	180	923	0.067	ug/L #	86
69) Naphthalene	14.08	128	2684	0.094	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.32	180	1198	0.095	ug/L #	87

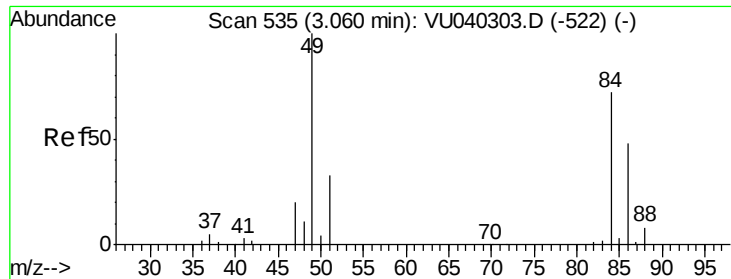
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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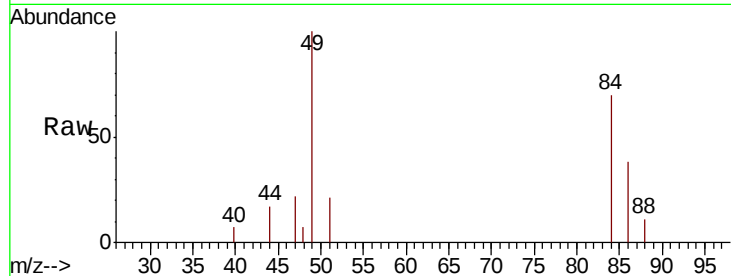




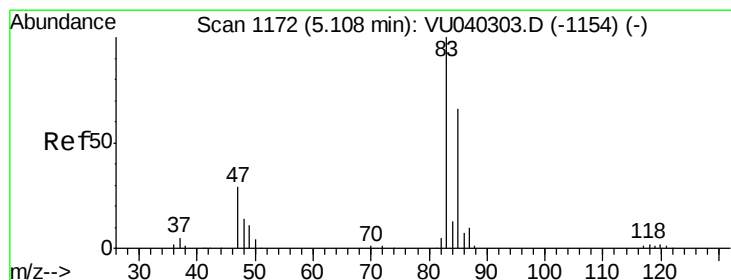
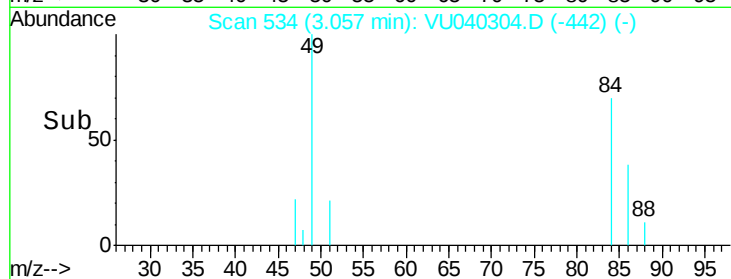
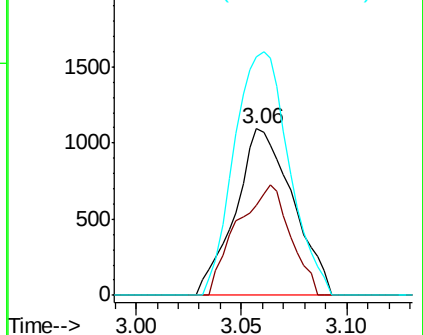
#16
Methvlene chloride
Concen: 0.150 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Tot Ion: 84 Resp: 2069
Ion Ratio Lower Upper
84 100
86 54.2 45.2 84.0
49 143.3 104.0 193.2

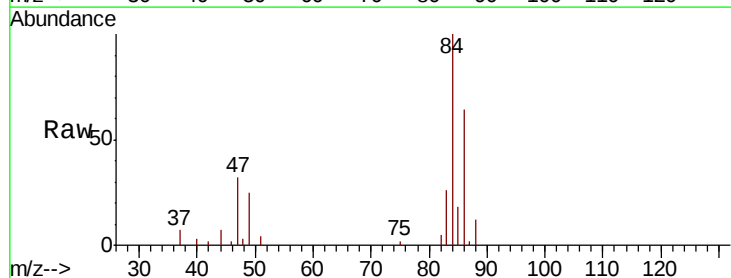


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

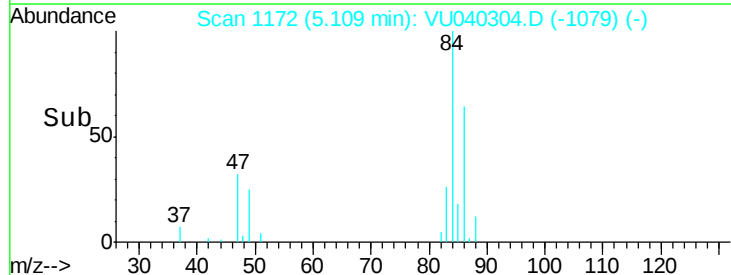
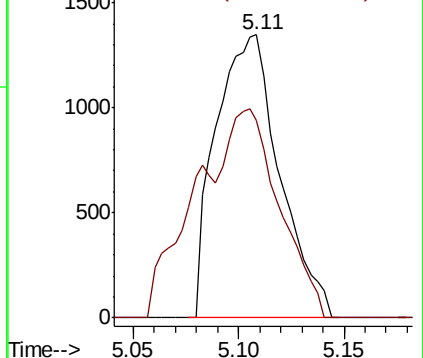


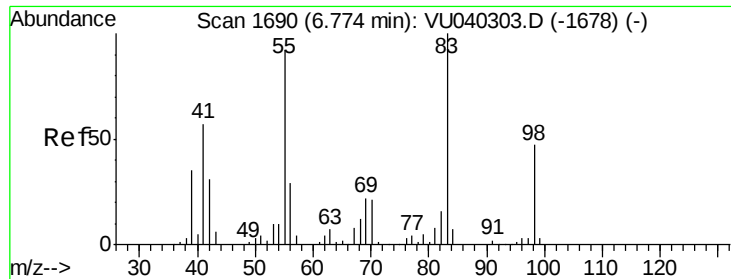
#25
Chloroform
Concen: 0.119 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

Tgt Ion: 83 Resp: 2835
Ion Ratio Lower Upper
83 100
85 69.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

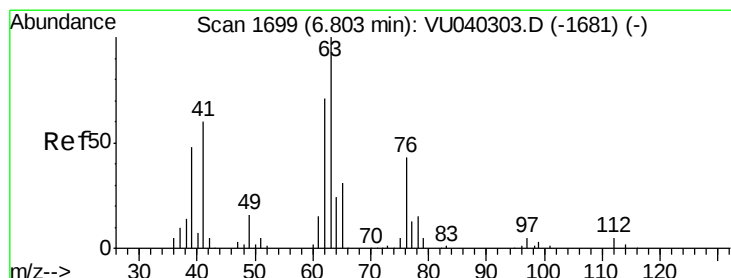
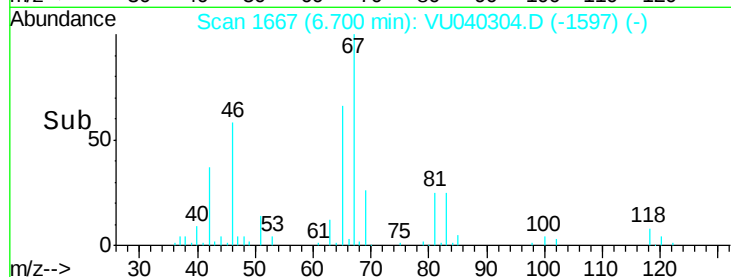
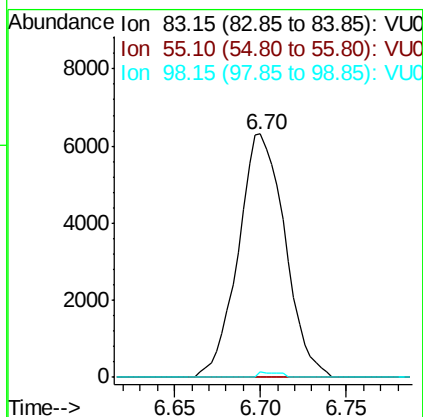
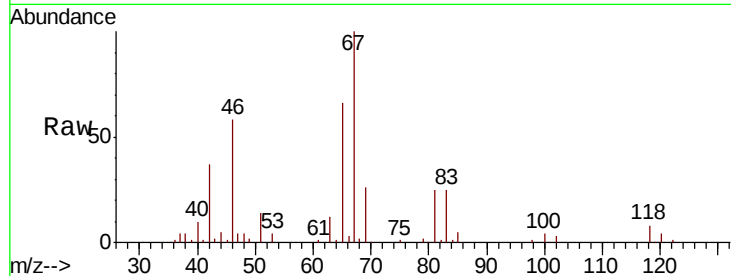




#35
Methvlcvclohexane
Concen: 0.577 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

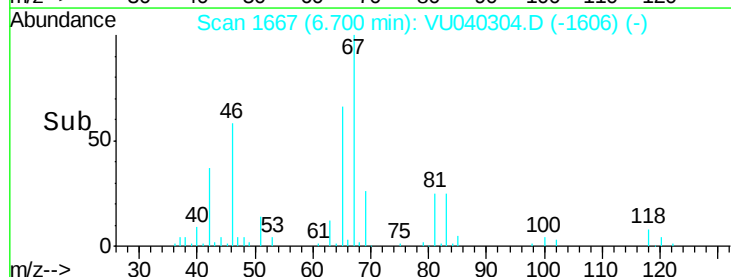
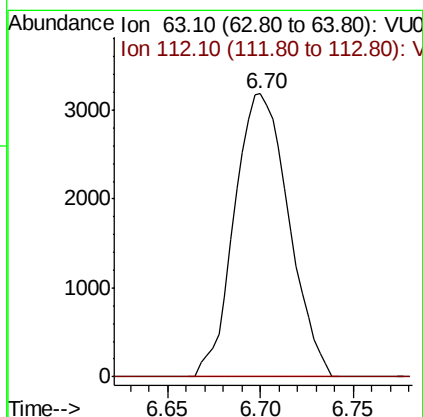
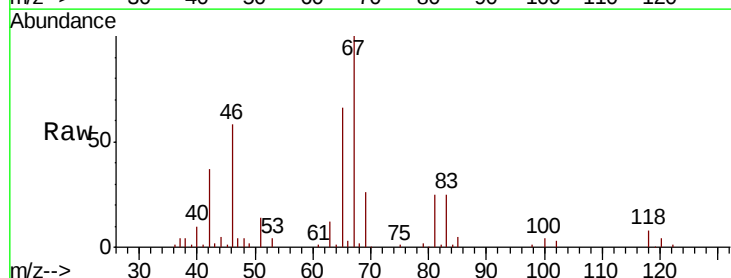
Instrument :
MSVOA_U
ClientSampleId :
VBLK14

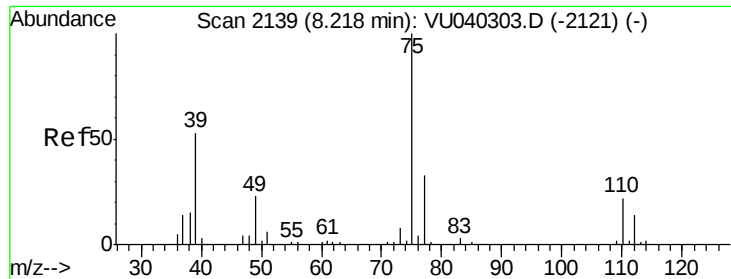
Tot Ion: 83 Resp: 11878
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.9 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

Tgt Ion: 63 Resp: 6467
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

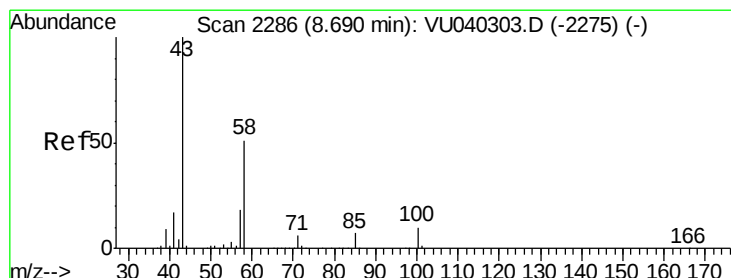
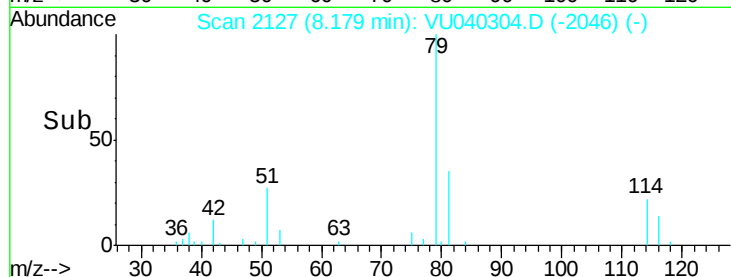
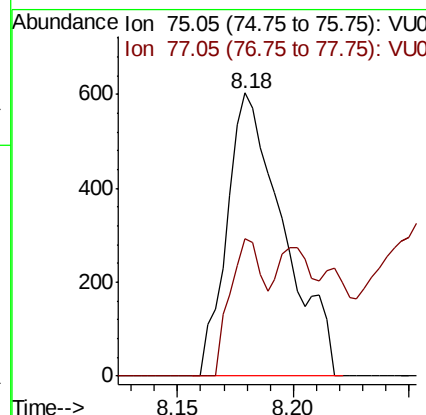
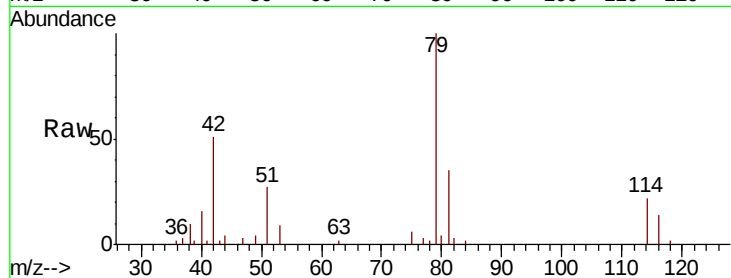




#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

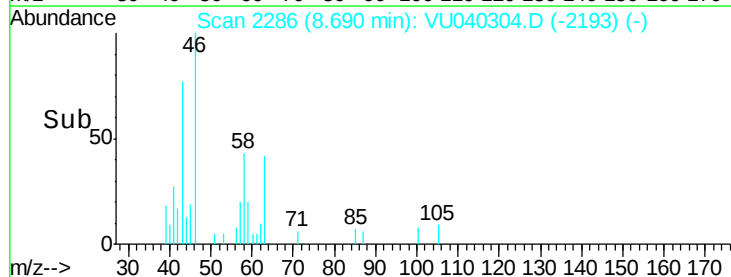
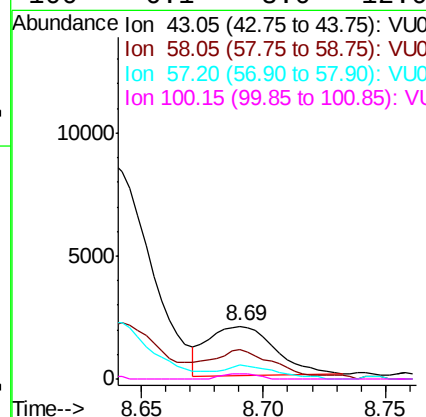
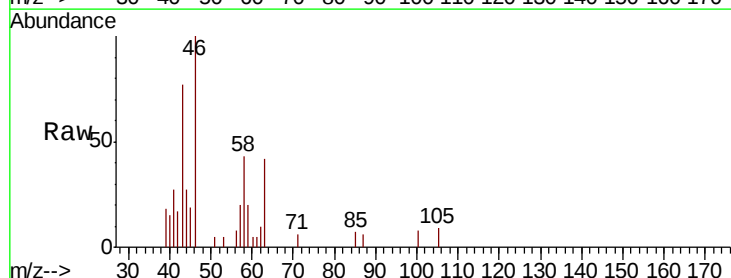
Instrument :
MSVOA_U
ClientSampleId :
VBLK14

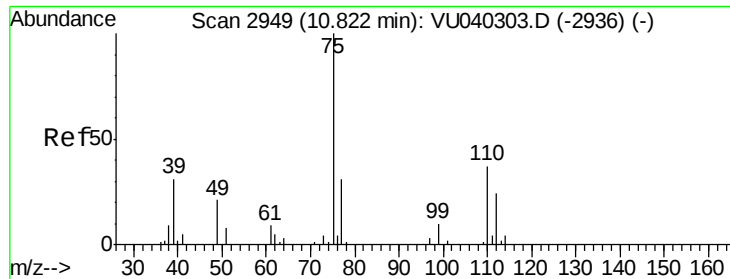
Tot Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
77 48.4 23.9 44.3#



#48
2-Hexanone
Concen: 0.468 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040304.D
Acq: 25 Sep 2020 16:55

Tgt Ion: 43 Resp: 3804
Ion Ratio Lower Upper
43 100
58 62.9 39.6 59.4#
57 22.2 14.3 21.5#
100 6.1 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.882 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040304.D

Acq: 25 Sep 2020 16:55

Instrument :

MSVOA_U

ClientSampled :

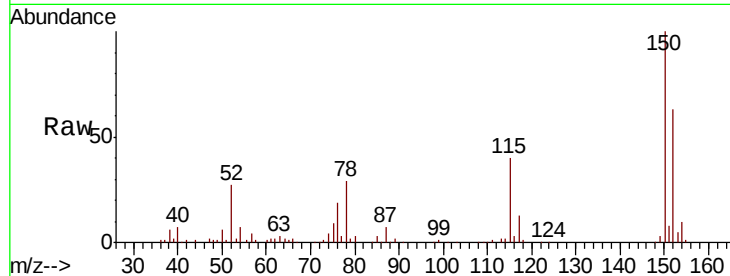
VBLK14

Tot Ion: 75 Resp: 8871

Ion Ratio Lower Upper

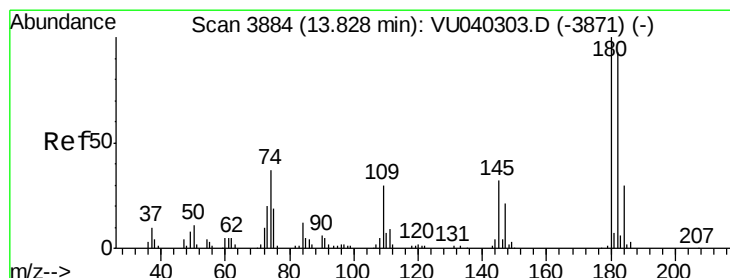
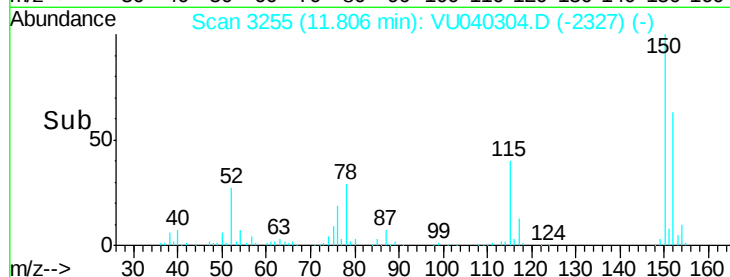
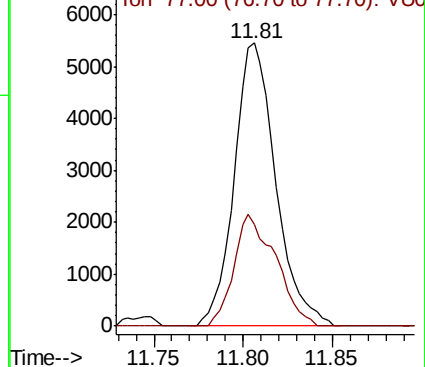
75 100

77 39.7 24.9 37.3#



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: 0.067 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. 0.00 min

Lab File: VU040304.D

Acq: 25 Sep 2020 16:55

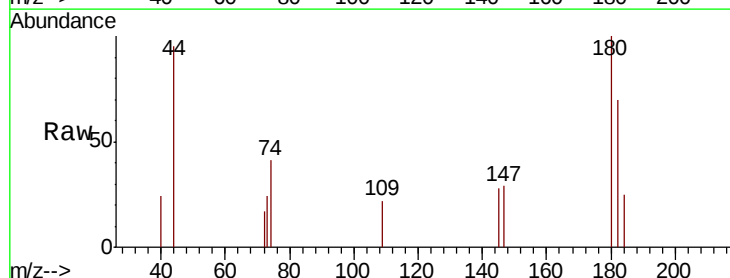
Tgt Ion: 180 Resp: 923

Ion Ratio Lower Upper

180 100

182 84.2 76.0 114.0

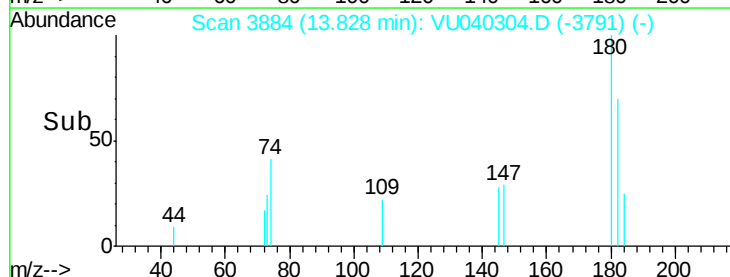
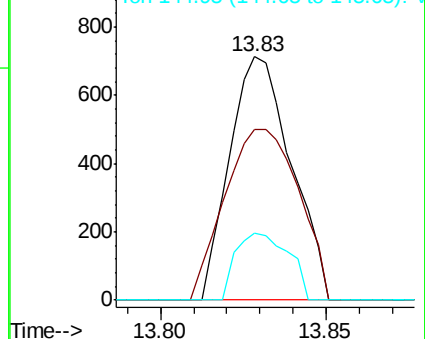
145 23.5 28.4 42.6#

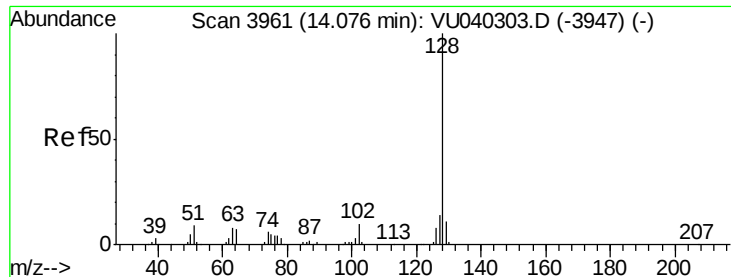


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.094 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040304.D

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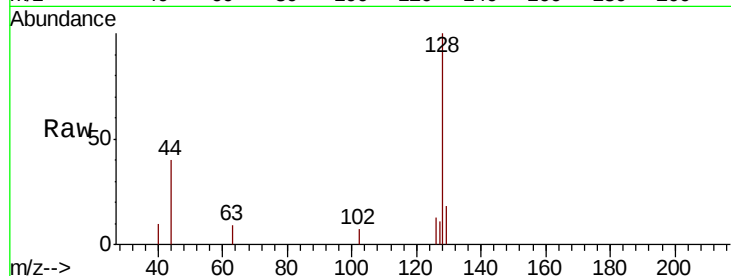
Tot Ion:128 Resp: 2684

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

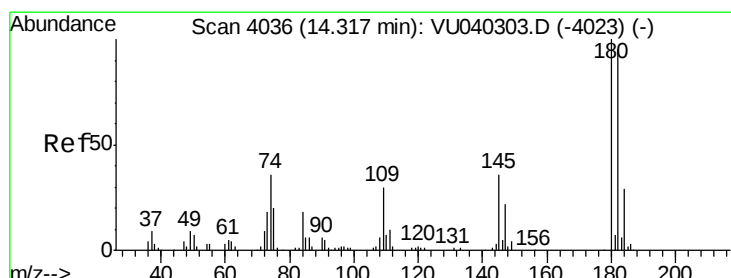
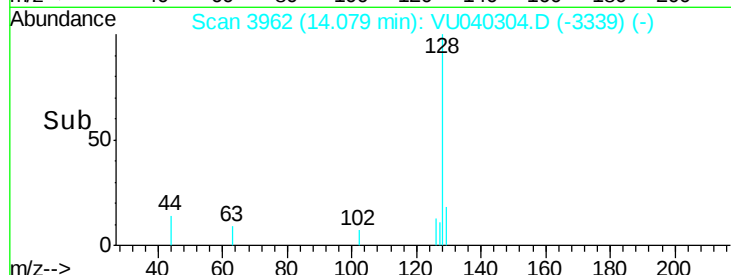
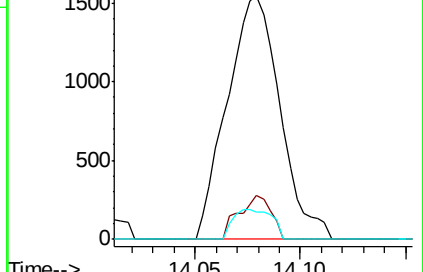
127 9.0 10.7 16.1#



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



#70

1,2,3-Trichlorobenzene

Concen: 0.095 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU040304.D

Acq: 25 Sep 2020 16:55

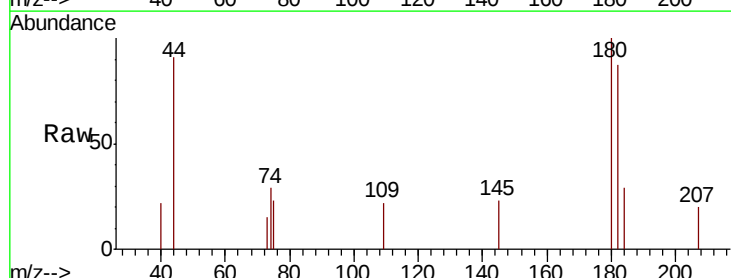
Tgt Ion:180 Resp: 1198

Ion Ratio Lower Upper

180 100

182 87.1 77.8 116.6

145 24.7 28.7 43.1#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

