

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040958.D
 Acq On : 26 Oct 2020 22:01
 Operator : SY/MD
 Sample : VU1026WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK09

Quant Time: Oct 27 05:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26518	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.92	69	21106	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.58	63	39083	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.66	46	85050	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	5.08	84	45673	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	27841	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	83383	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	27964	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	66617	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	10744	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	59962	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24258	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	24537	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

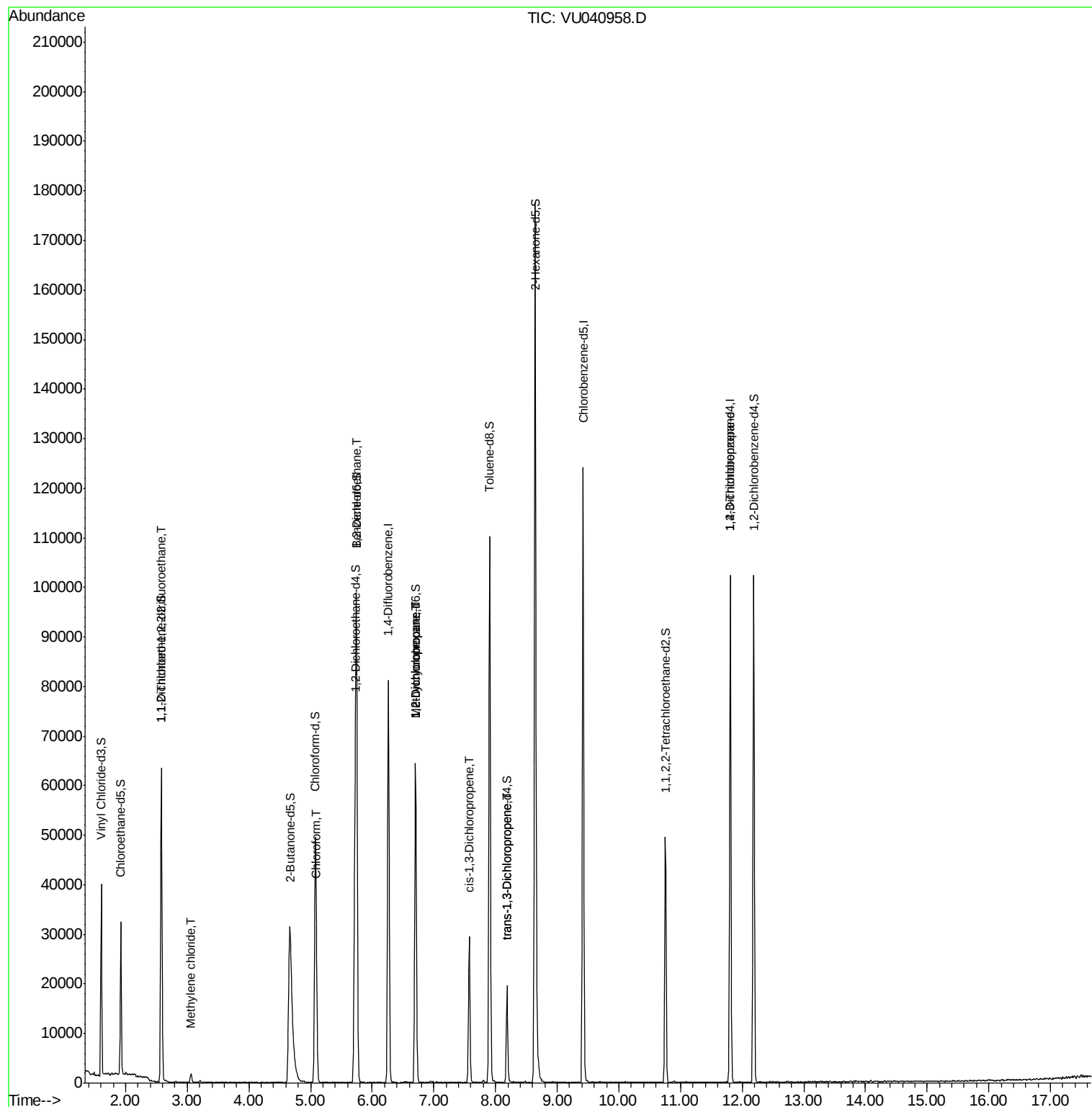
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	289	0.063	ug/L #	22
16) Methylene chloride	3.06	84	782	0.155	ug/L	98
25) Chloroform	5.11	83	734	0.083	ug/L	92
27) 1,2-Dichloroethane	5.75	62	488	0.074	ug/L #	74
35) Methylcyclohexane	6.70	83	6921	0.971	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3345	0.658	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	719	0.103	ug/L #	41
44) trans-1,3-Dichloropropene	8.18	75	550	0.084	ug/L #	56
59) 1,2,3-Trichloropropane	11.81	75	3554	0.938	ug/L #	86

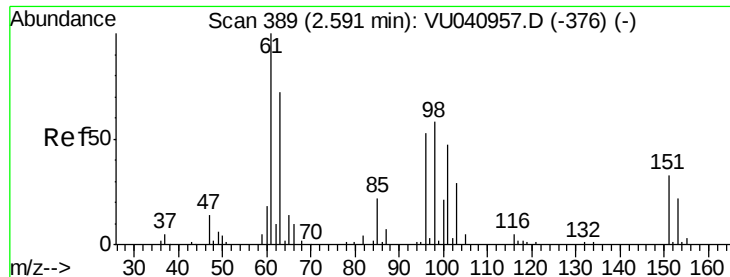
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 05:24:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.063 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040958.D

Acq: 26 Oct 2020 22:01

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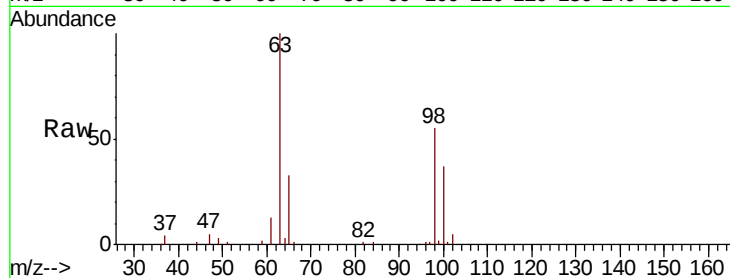
Tot Ion:101 Resp: 289

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



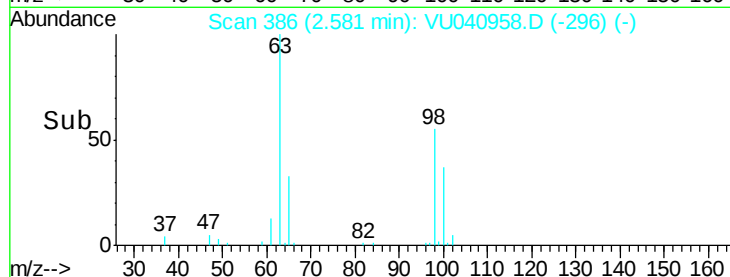
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

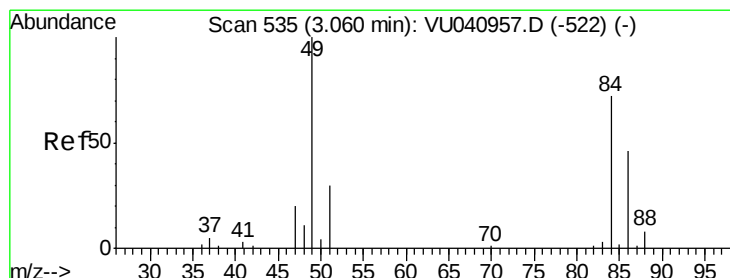
Ion 151.00 (150.70 to 151.70): V

2.58

2.56 2.58 2.60



Time-->



#16

Methylene chloride

Concen: 0.155 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

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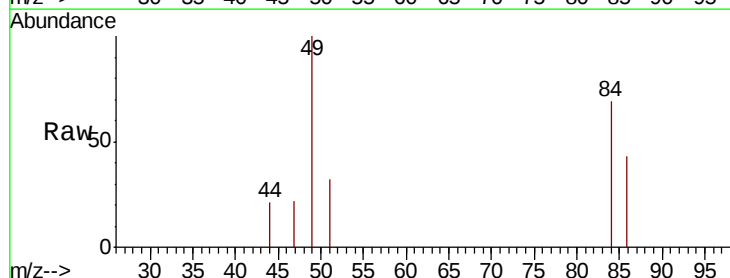
Tgt Ion: 84 Resp: 782

Ion Ratio Lower Upper

84 100

86 62.4 42.8 79.6

49 145.3 99.5 184.7



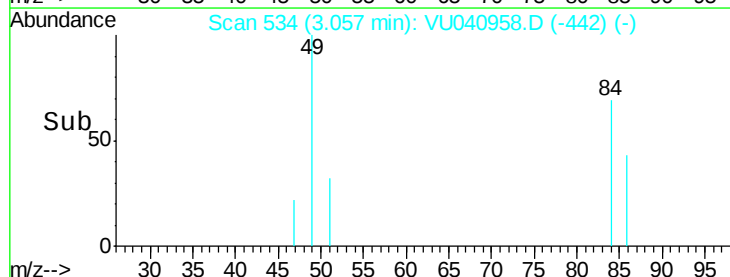
Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

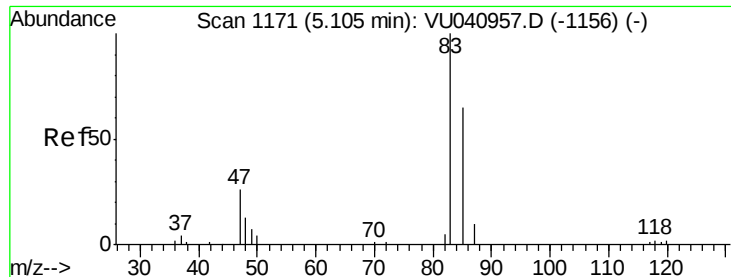
Ion 49.10 (48.80 to 49.80): VU0

3.06

3.02 3.04 3.06 3.08 3.10



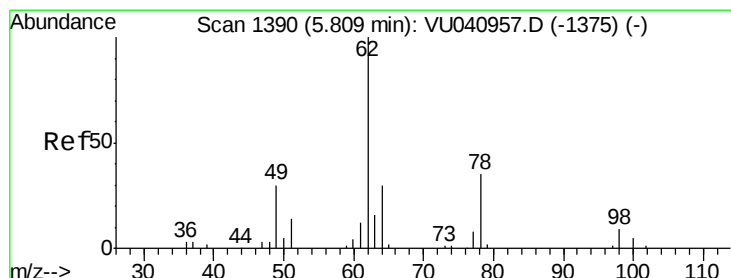
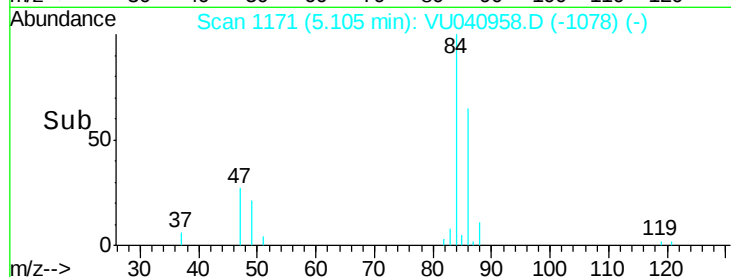
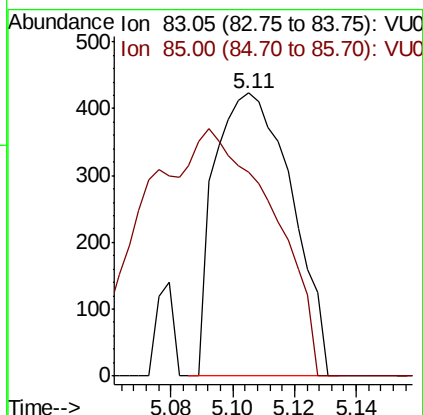
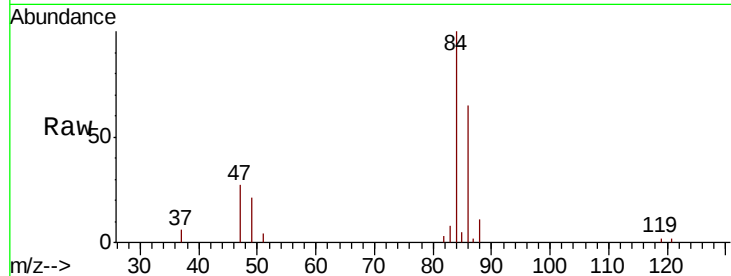
Time-->



#25
Chloroform
Concen: 0.083 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040958.D
Acq: 26 Oct 2020 22:01

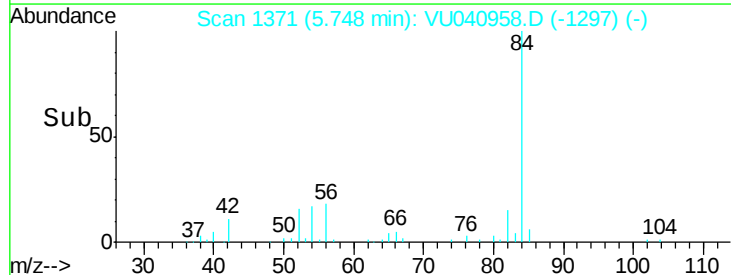
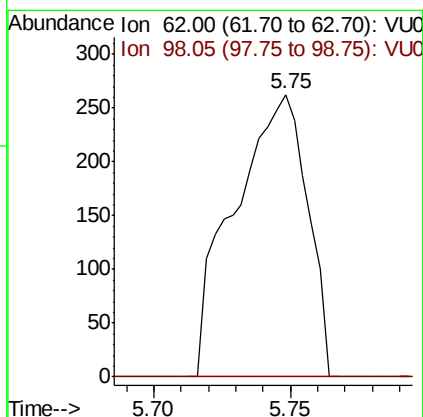
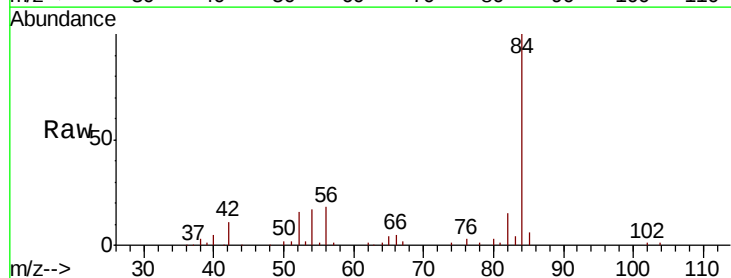
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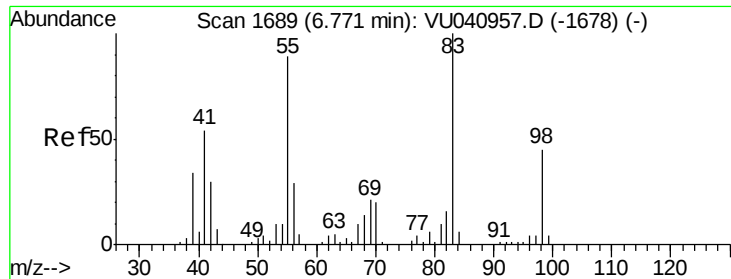
Tot Ion: 83 Resp: 734
Ion Ratio Lower Upper
83 100
85 72.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.074 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040958.D
Acq: 26 Oct 2020 22:01

Tgt Ion: 62 Resp: 488
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

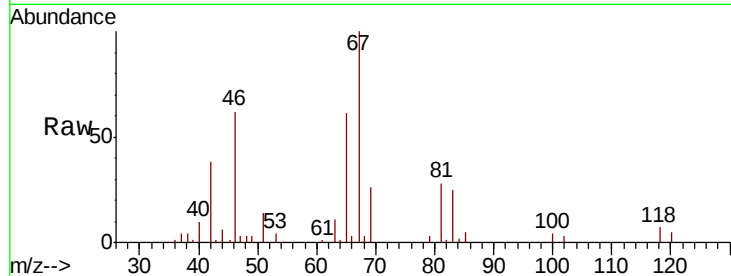




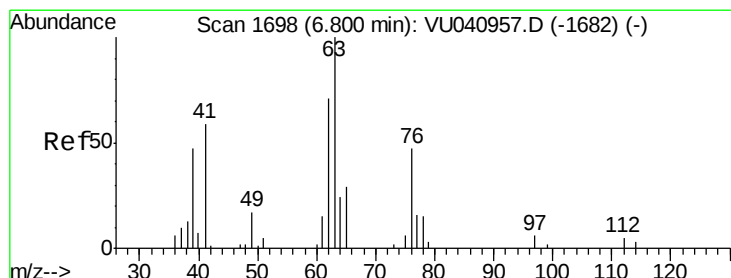
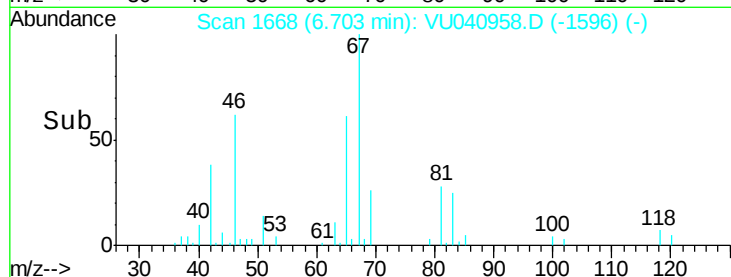
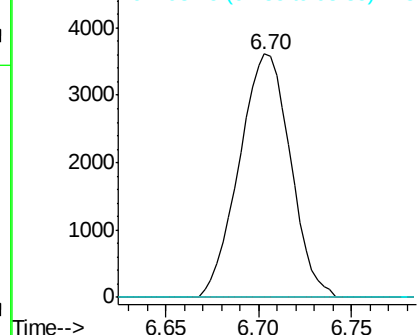
#35
Methvlcvclohexane
Concen: 0.971 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040958.D
Acq: 26 Oct 2020 22:01

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tot Ion: 83 Resp: 6921
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

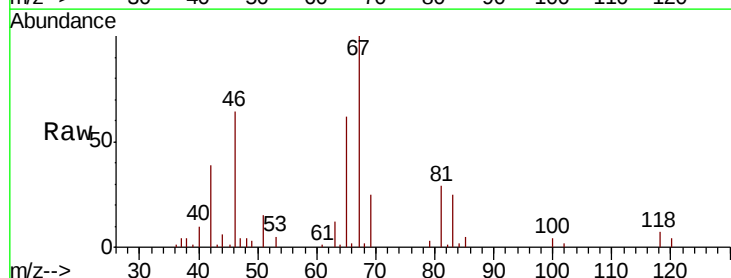


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

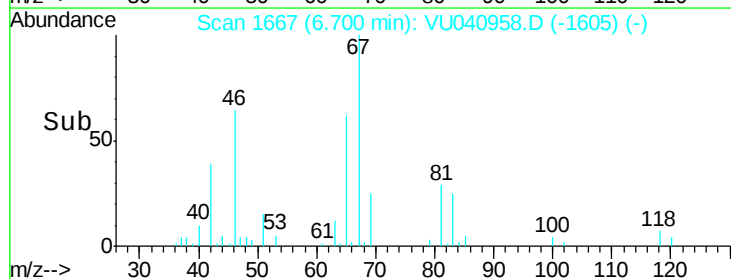
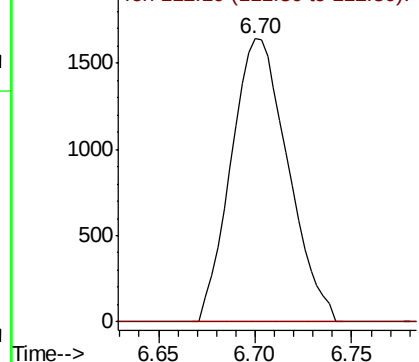


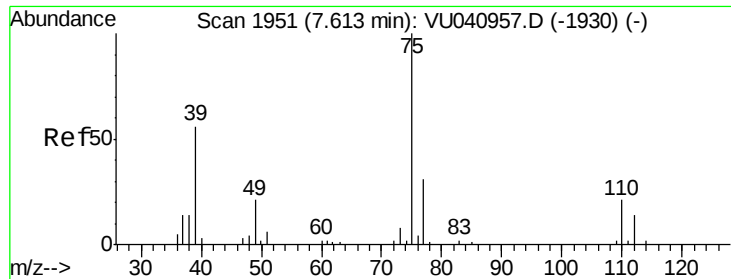
#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040958.D
Acq: 26 Oct 2020 22:01

Tgt Ion: 63 Resp: 3345
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

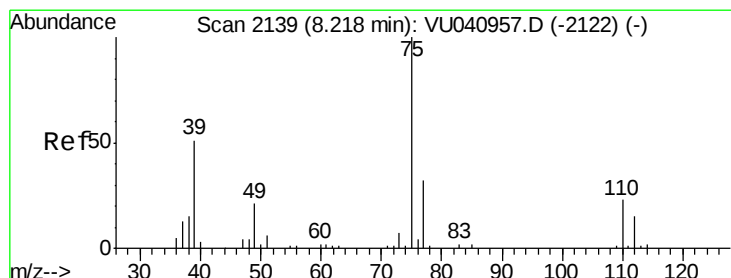
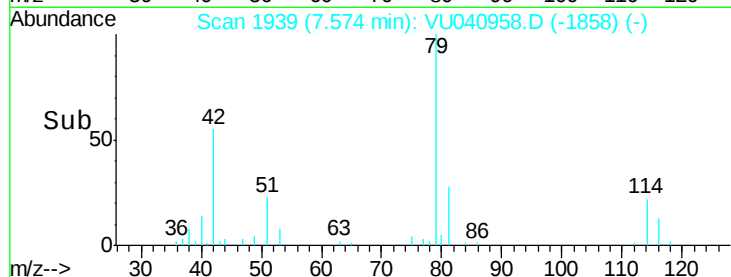
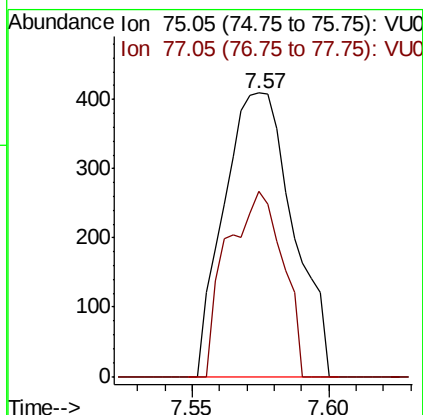
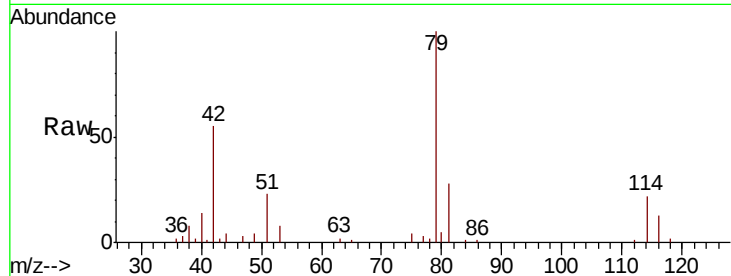




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040958.D
 Acq: 26 Oct 2020 22:01

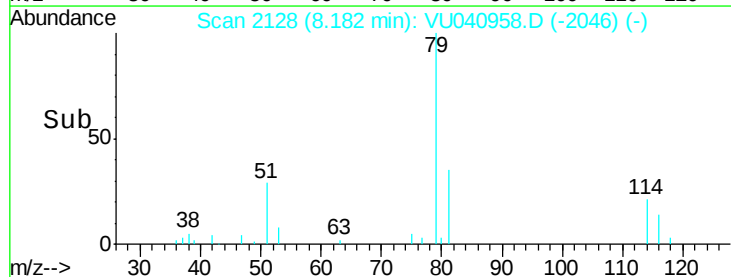
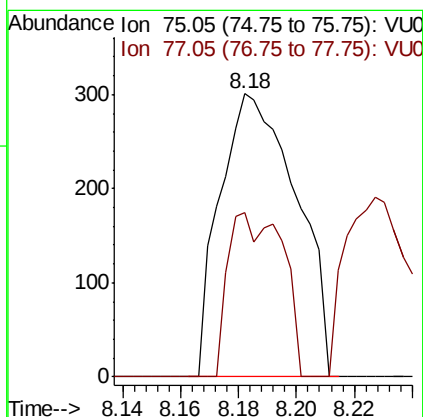
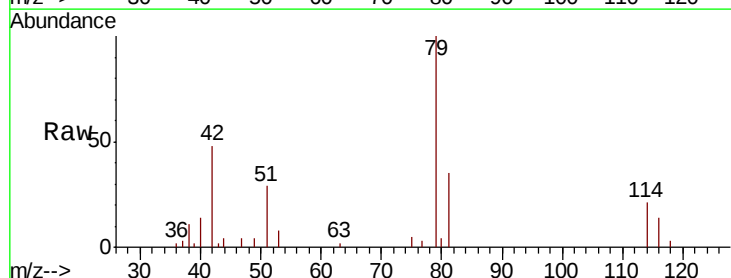
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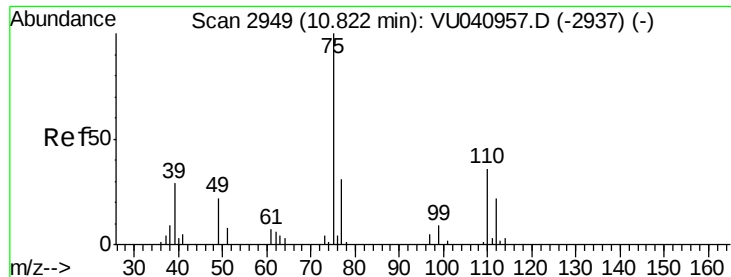
Tot Ion: 75 Resp: 719
 Ion Ratio Lower Upper
 75 100
 77 65.5 22.7 42.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU040958.D
 Acq: 26 Oct 2020 22:01

Tgt Ion: 75 Resp: 550
 Ion Ratio Lower Upper
 75 100
 77 58.1 23.3 43.3#





#59

1,2,3-Trichloropropane

Concen: 0.938 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040958.D

Acq: 26 Oct 2020 22:01

Instrument :

MSVOA_U

ClientSampleId :

VBLK09

Tot Ion: 75 Resp: 3554

Ion Ratio Lower Upper

75 100

77 40.0 25.7 38.5#

