

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091520\
 Data File : VU040137.D
 Acq On : 15 Sep 2020 14:14
 Operator : SY/MD
 Sample : L3963-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 16 03:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 16 03:11:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29047	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.92	69	26124	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.58	63	50501	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.67	46	115797	51.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.38%
24) Chloroform-d	5.08	84	61579	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	39496	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	117862	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	39140	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	94879	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	15389	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	80395	46.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34719	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37636	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

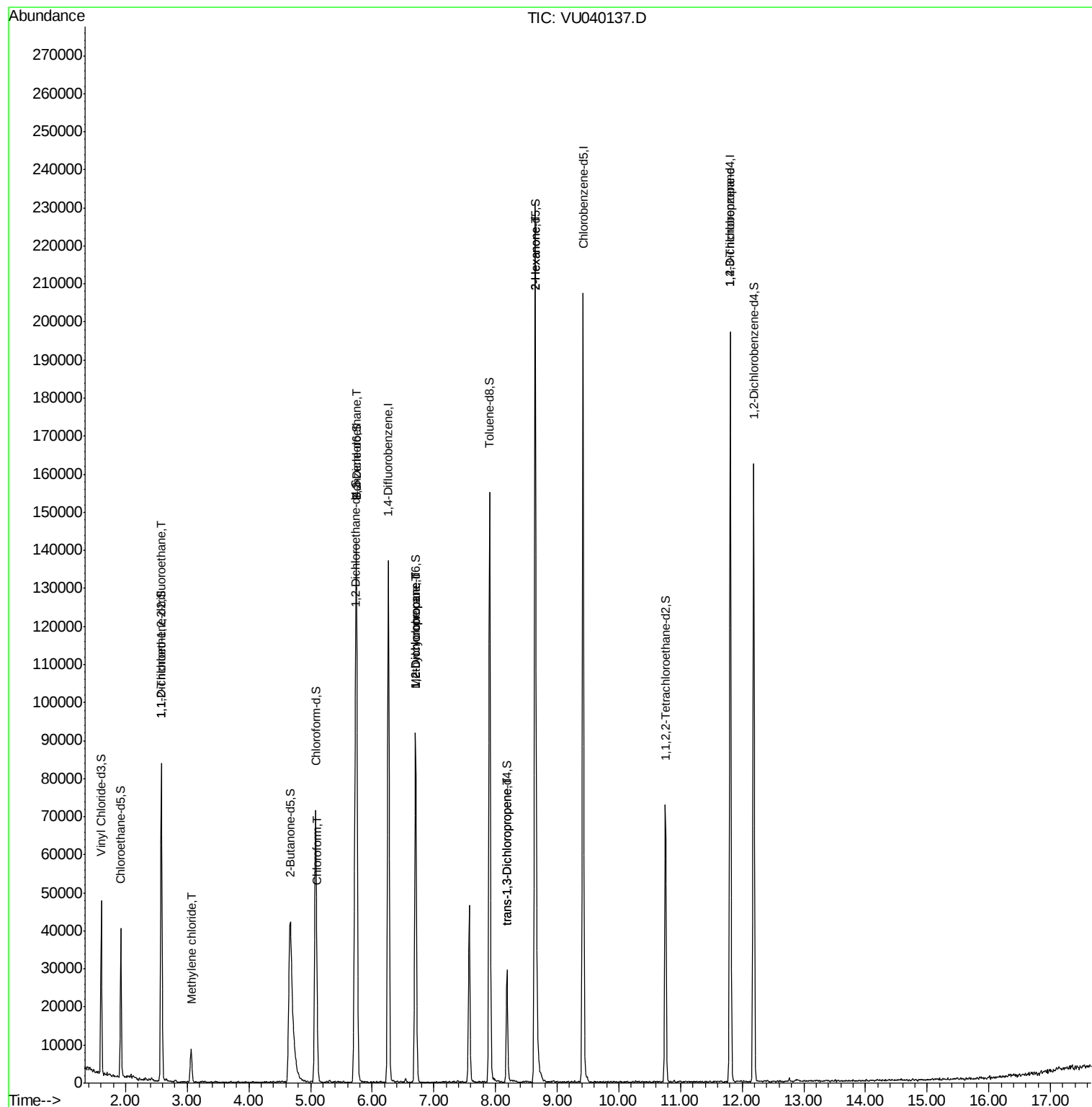
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	413	0.045 ug/L #	22
16) Methylene chloride	3.06	84	4095	0.394 ug/L	87
25) Chloroform	5.11	83	4076	0.226 ug/L #	75
27) 1,2-Dichloroethane	5.74	62	989	0.075 ug/L #	78
35) Methylcyclohexane	6.71	83	9242	0.610 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4907	0.491 ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	797	0.058 ug/L #	35
48) 2-Hexanone	8.65	43	11628	1.944 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	6837	0.924 ug/L #	79

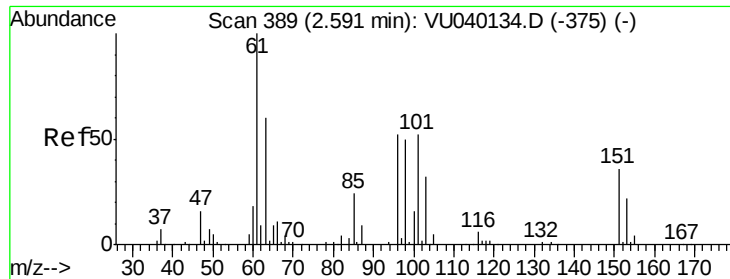
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040137.D

Acq: 15 Sep 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

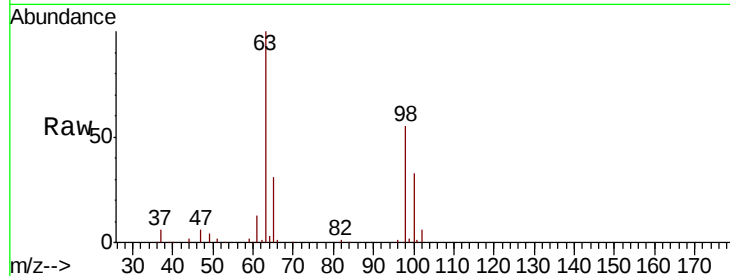
Tot Ion:101 Resp: 413

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

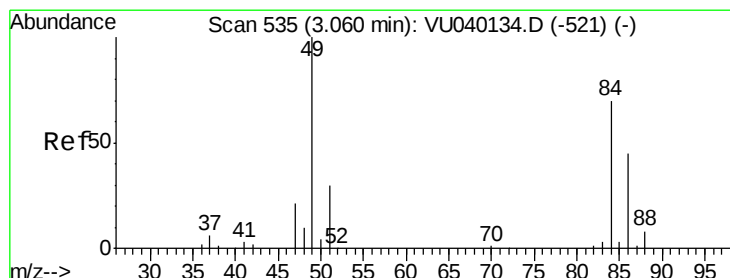
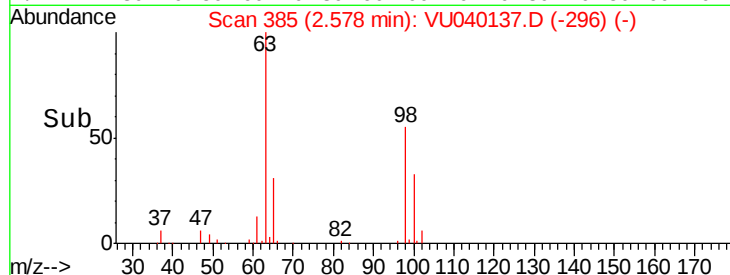
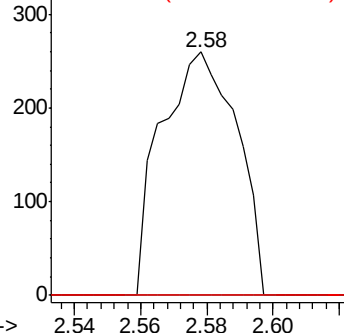
151 0.0 53.9 80.9#



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



#16

Methylene chloride

Concen: 0.394 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040137.D

Acq: 15 Sep 2020 14:14

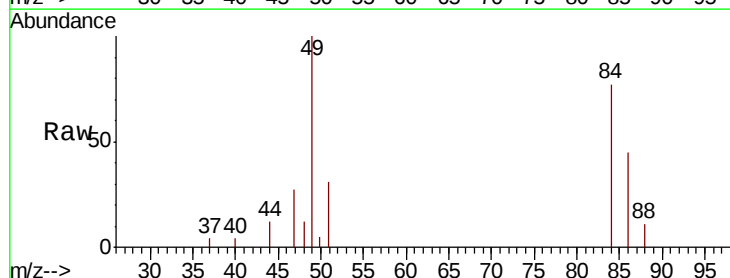
Tgt Ion: 84 Resp: 4095

Ion Ratio Lower Upper

84 100

86 58.4 45.2 84.0

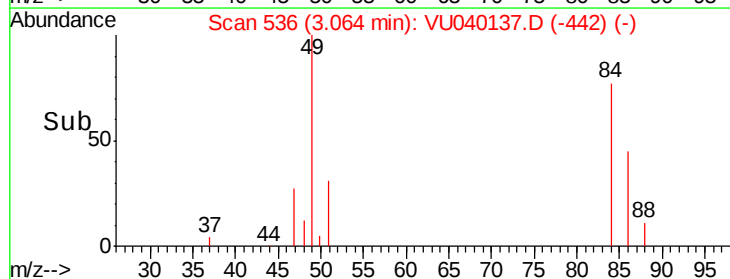
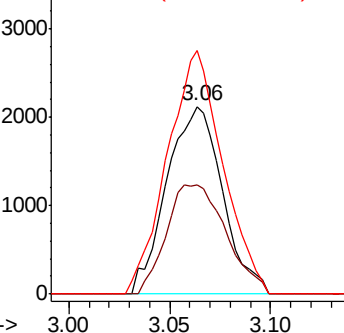
49 129.8 104.0 193.2

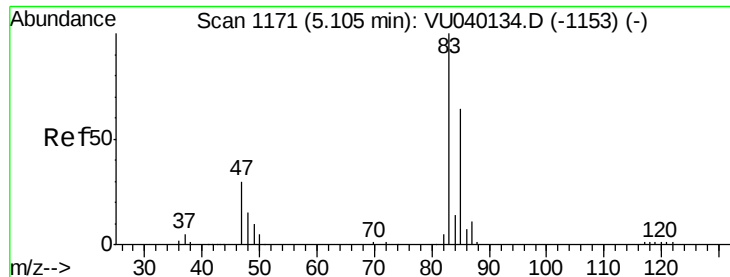


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

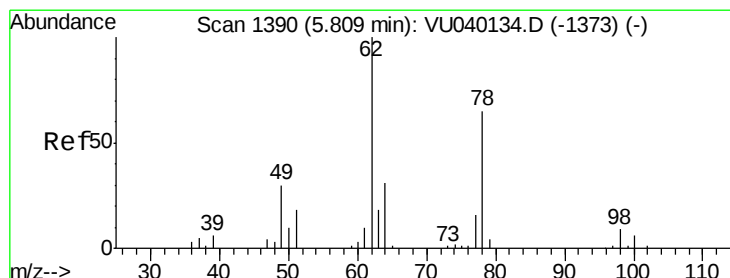
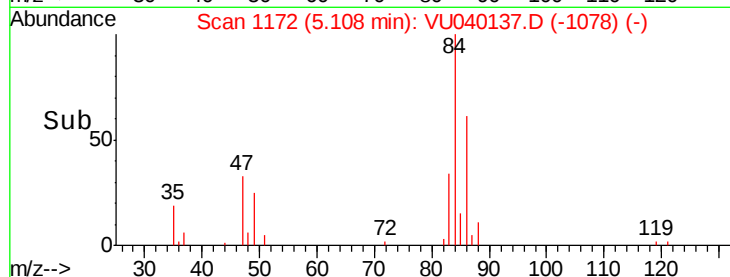
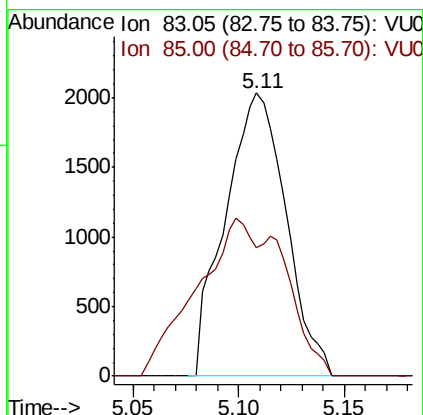
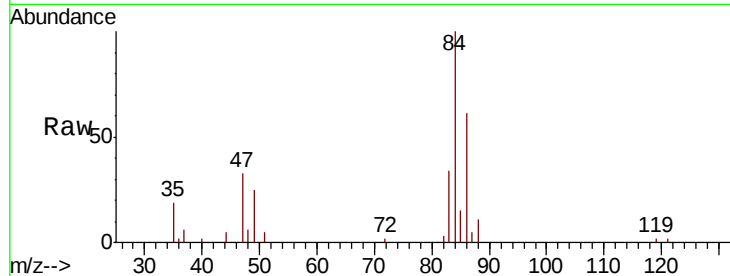




#25
Chloroform
Concen: 0.226 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040137.D
Acq: 15 Sep 2020 14:14

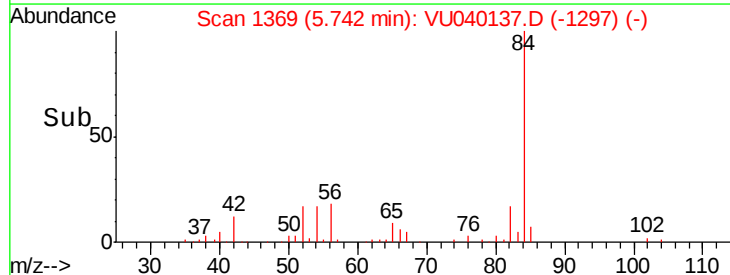
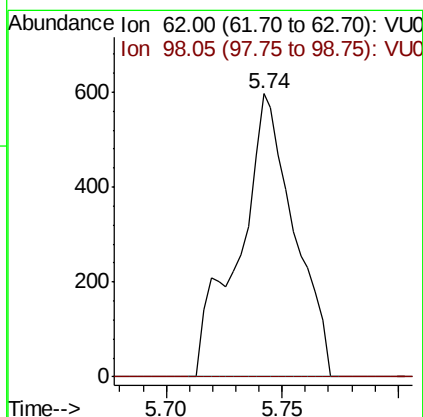
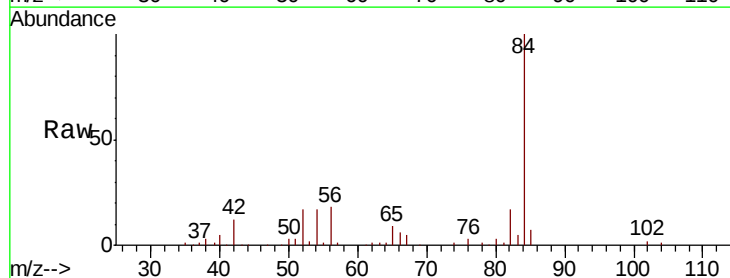
Instrument :
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ClientSampleId :
VHBLK01

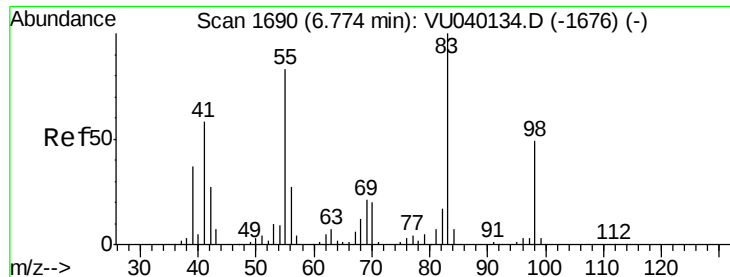
Tot Ion: 83 Resp: 4076
Ion Ratio Lower Upper
83 100
85 45.2 45.3 84.1#



#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040137.D
Acq: 15 Sep 2020 14:14

Tgt Ion: 62 Resp: 989
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#





#35

Methylcyclohexane

Concen: 0.610 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU040137.D

Acq: 15 Sep 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

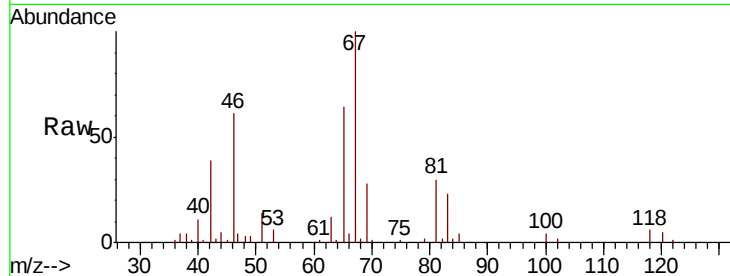
Tot Ion: 83 Resp: 9242

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

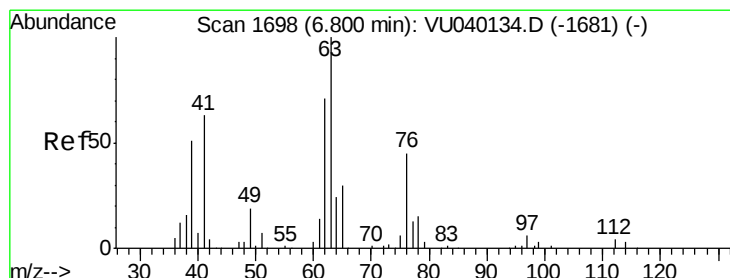
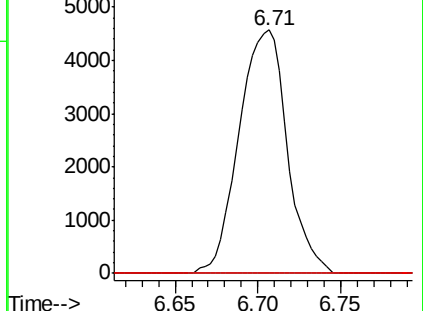
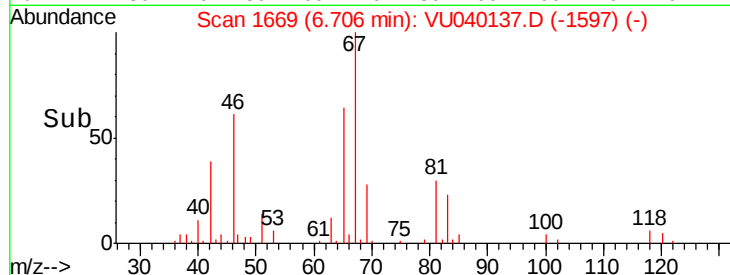
98 1.0 37.8 56.6#



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: 0.491 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040137.D

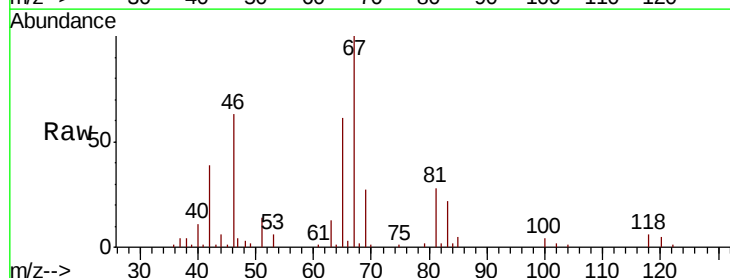
Acq: 15 Sep 2020 14:14

Tgt Ion: 63 Resp: 4907

Ion Ratio Lower Upper

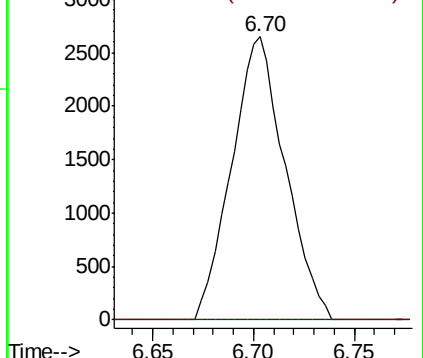
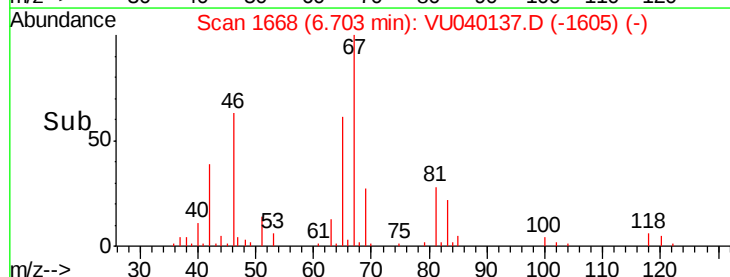
63 100

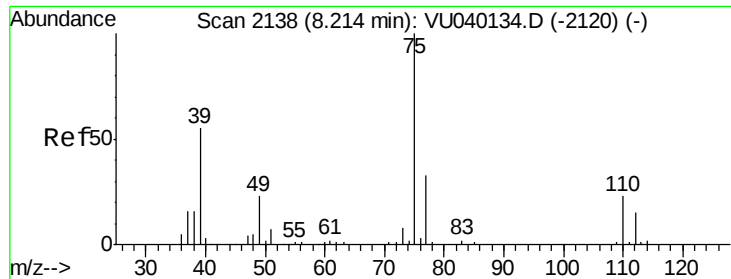
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

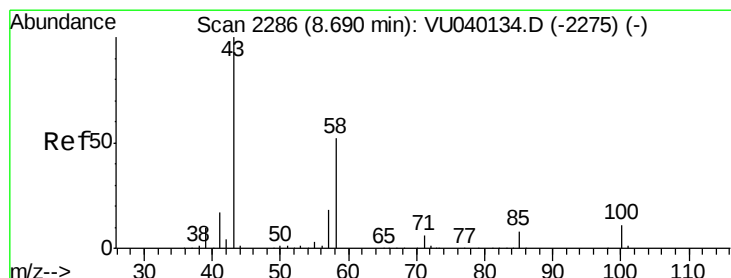
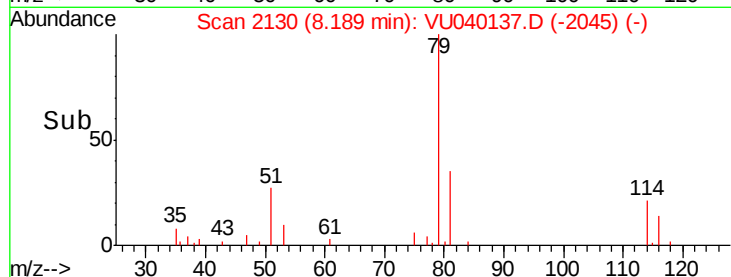
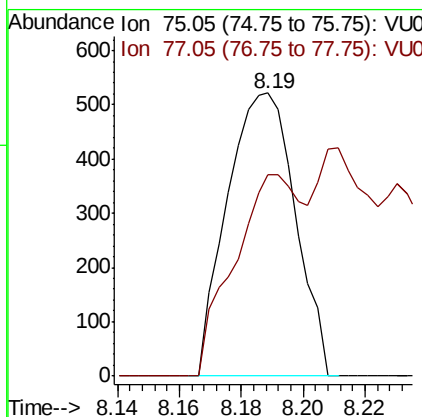
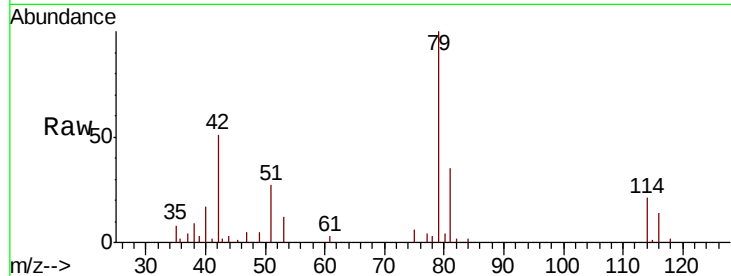




#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040137.D
Acq: 15 Sep 2020 14:14

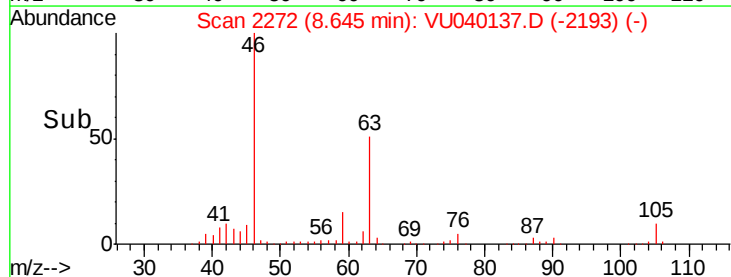
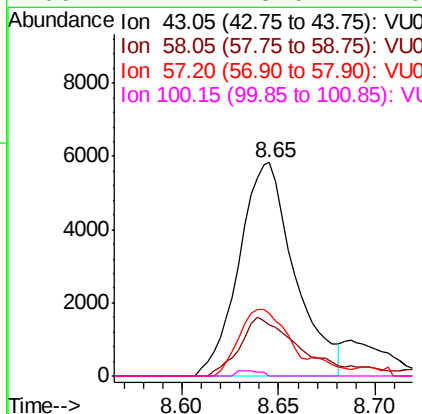
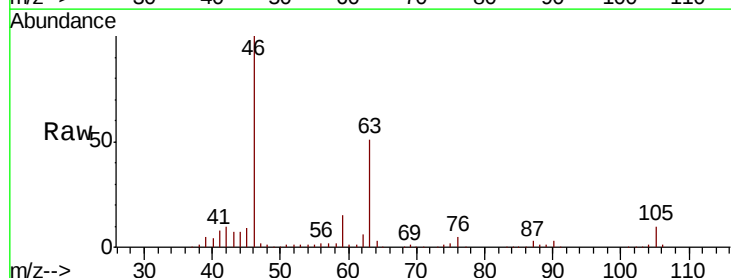
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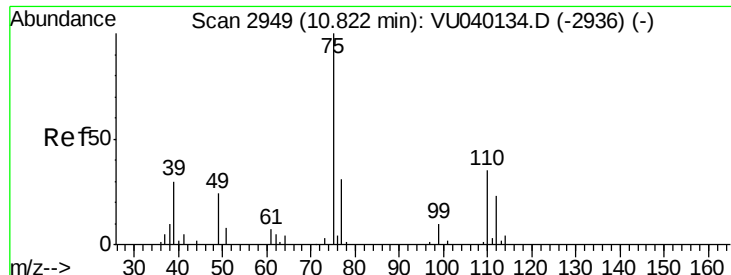
Tot Ion: 75 Resp: 797
Ion Ratio Lower Upper
75 100
77 71.3 23.9 44.3#



#48
2-Hexanone
Concen: 1.944 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VU040137.D
Acq: 15 Sep 2020 14:14

Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
58 31.5 39.6 59.4#
57 27.2 14.3 21.5#
100 1.1 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040137.D

Acq: 15 Sep 2020 14:14

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 6837

Ion Ratio Lower Upper

75 100

77 42.4 24.9 37.3#

