

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091520\
 Data File : VU040136.D
 Acq On : 15 Sep 2020 13:50
 Operator : SY/MD
 Sample : L3961-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 16 03:12:42 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	119284	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28255	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	25039	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	47658	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	112487	43.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	5.08	84	57683	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
26) 1,2-Dichloroethane-d4	5.72	65	39088	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.74	84	108876	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.70	67	35727	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.90	98	87186	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.18	79	15073	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.64	63	74895	37.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33471	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35033	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

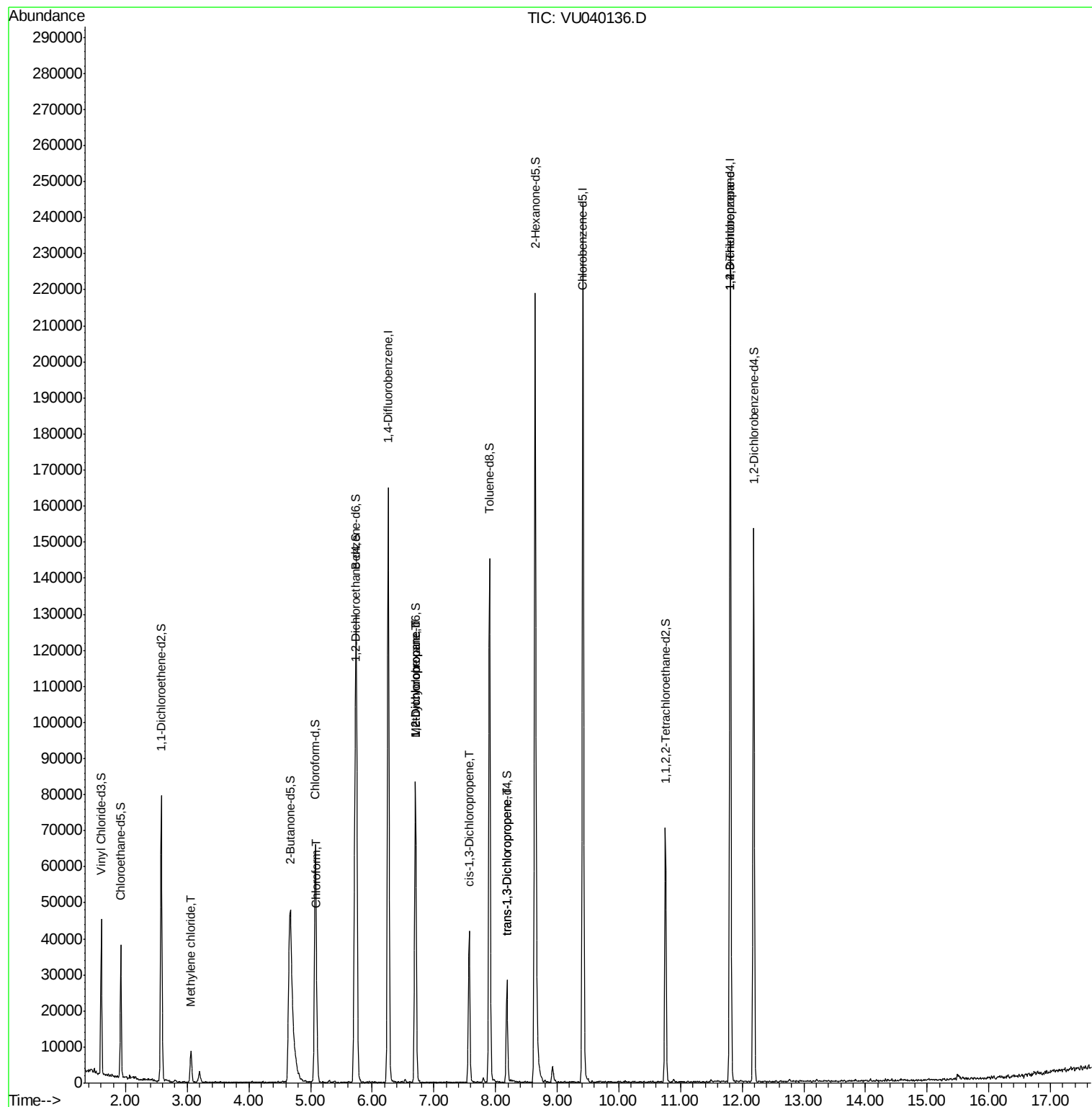
					Ovalue
16) Methylene chloride	3.06	84	3763	0.311 ug/L	87
25) Chloroform	5.11	83	3784	0.181 ug/L	88
35) Methylcyclohexane	6.70	83	8696	0.493 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4586	0.395 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1150	0.067 ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	846	0.053 ug/L #	25
59) 1,2,3-Trichloropropane	11.81	75	8343	0.969 ug/L #	85

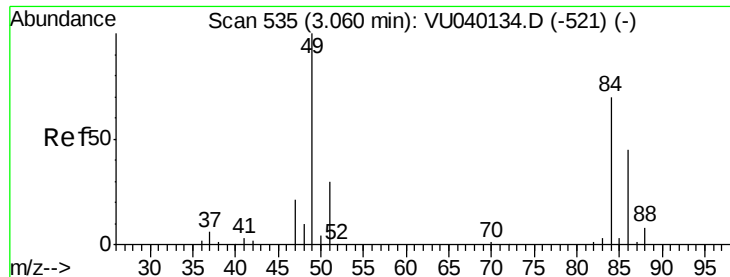
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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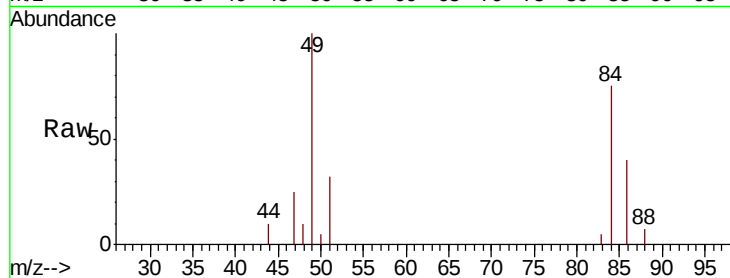




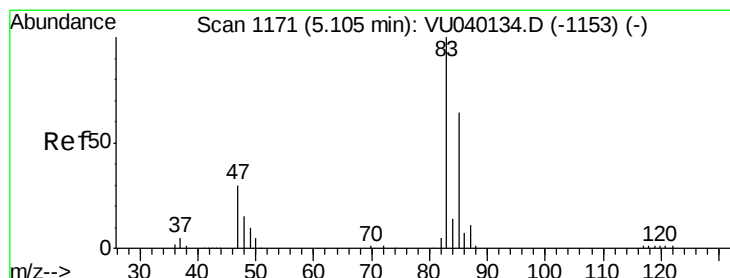
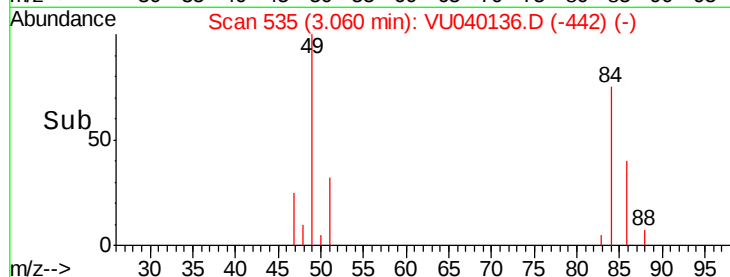
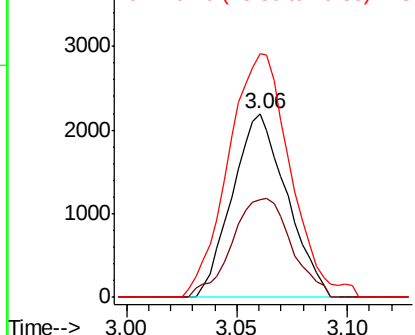
#16
Methvlene chloride
Concen: 0.311 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040136.D
Acq: 15 Sep 2020 13:50

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 3763
Ion Ratio Lower Upper
84 100
86 53.4 45.2 84.0
49 132.7 104.0 193.2

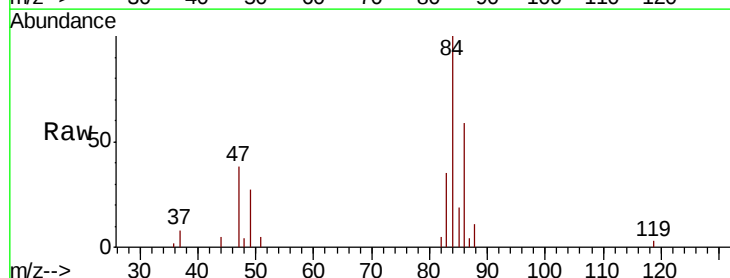


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

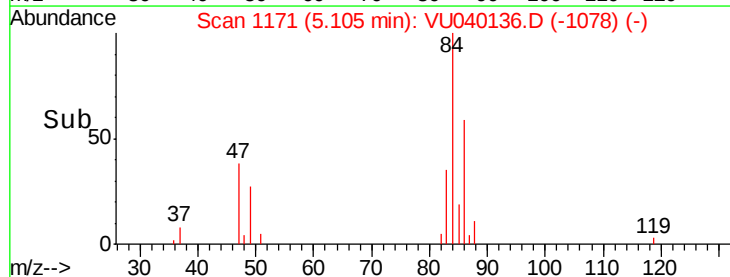
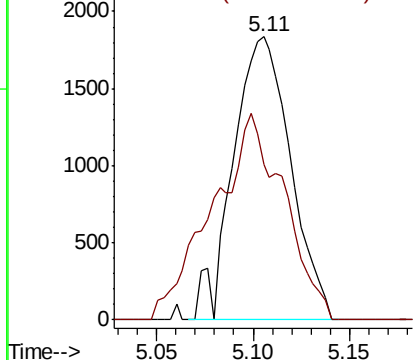


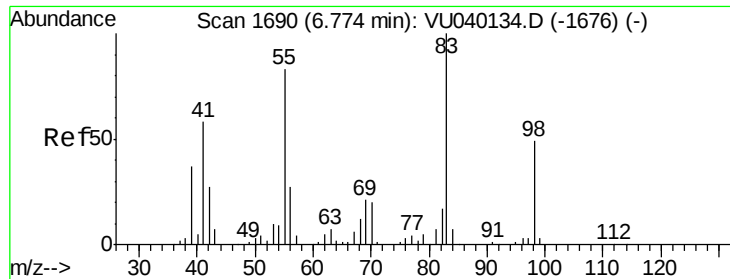
#25
Chloroform
Concen: 0.181 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040136.D
Acq: 15 Sep 2020 13:50

Tgt Ion: 83 Resp: 3784
Ion Ratio Lower Upper
83 100
85 54.9 45.3 84.1



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





#35

Methylcyclohexane

Concen: 0.493 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU040136.D

Acq: 15 Sep 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

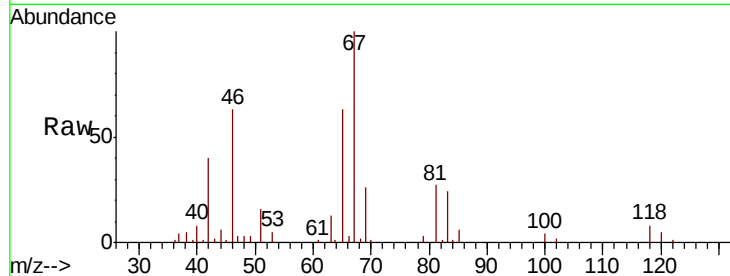
Tot Ion: 83 Resp: 8696

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

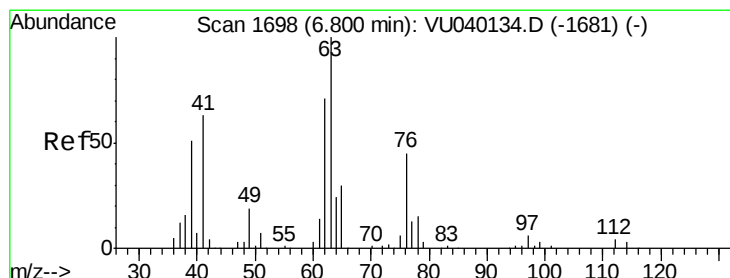
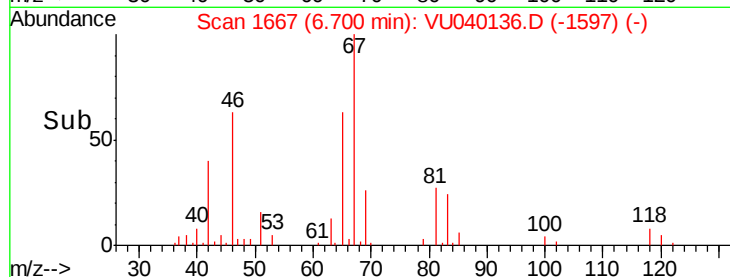
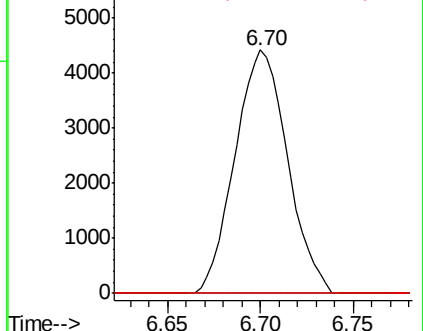
98 0.5 37.8 56.6#



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: 0.395 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040136.D

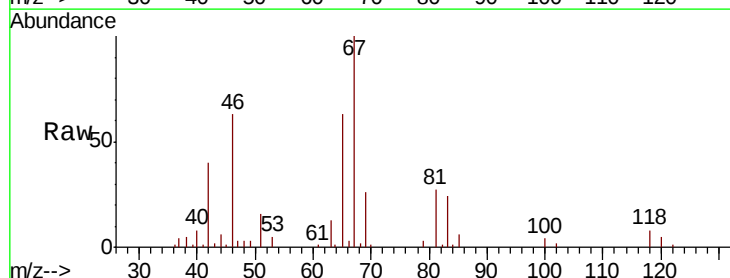
Acq: 15 Sep 2020 13:50

Tgt Ion: 63 Resp: 4586

Ion Ratio Lower Upper

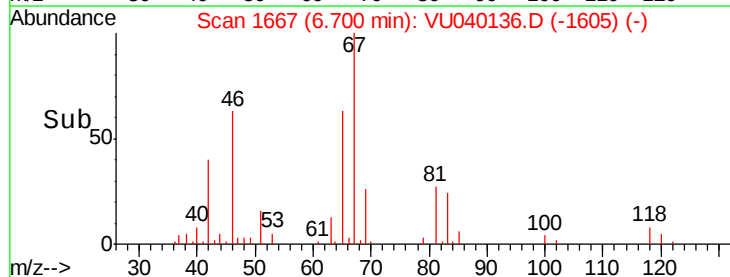
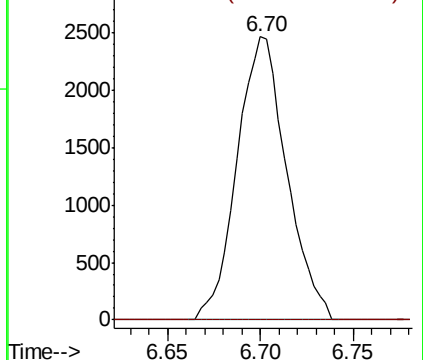
63 100

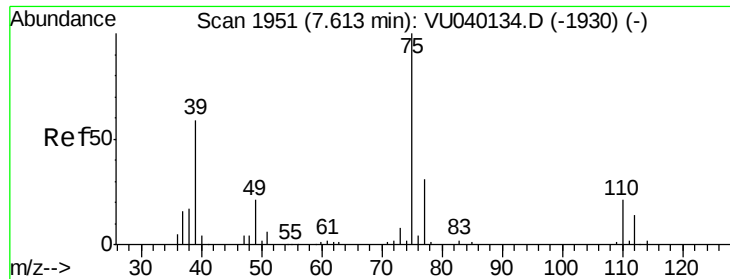
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

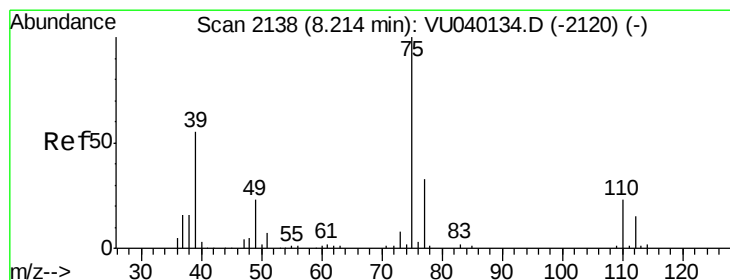
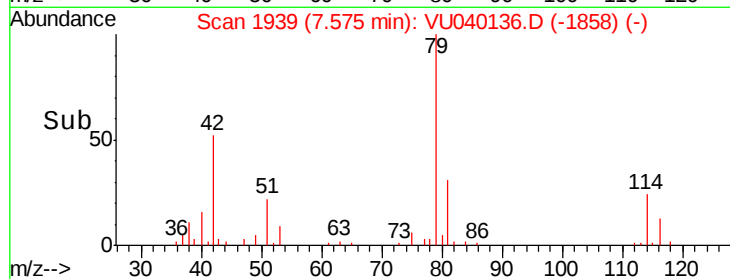
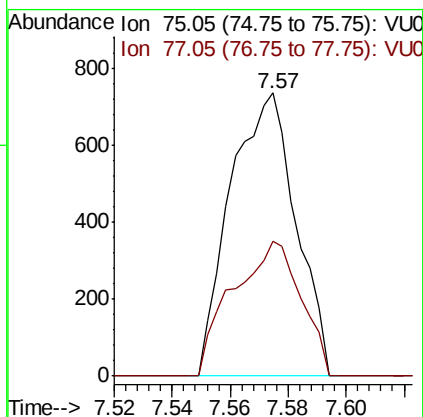
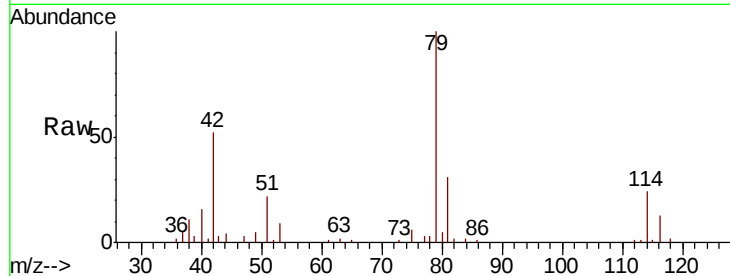




#39
 cis-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040136.D
 Acq: 15 Sep 2020 13:50

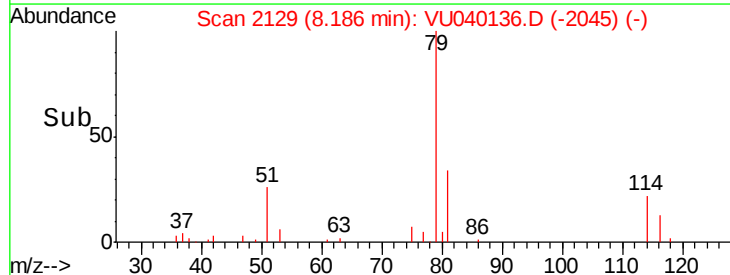
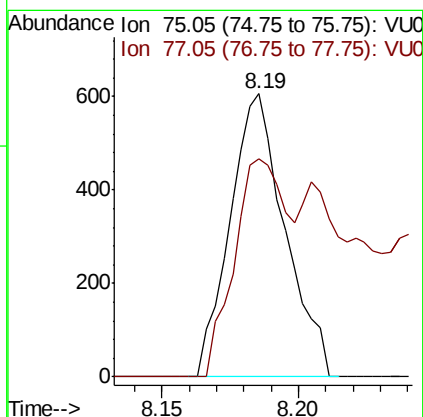
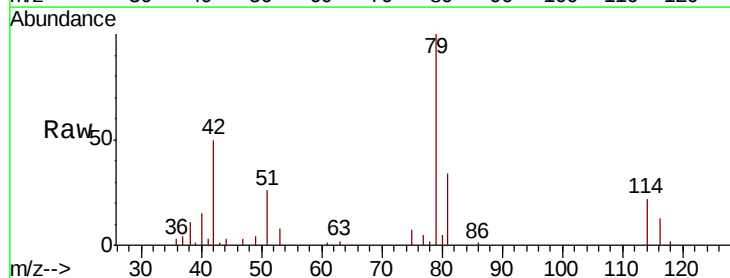
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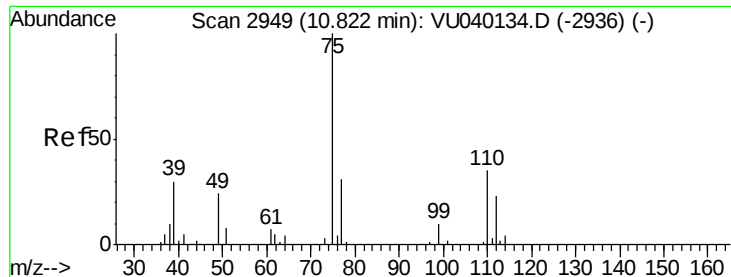
Tot Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.053 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040136.D
 Acq: 15 Sep 2020 13:50

Tgt Ion: 75 Resp: 846
 Ion Ratio Lower Upper
 75 100
 77 77.1 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040136.D

Acq: 15 Sep 2020 13:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 8343

Ion Ratio Lower Upper

75 100

77 39.3 24.9 37.3#

