

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091520\
 Data File : VU040135.D
 Acq On : 15 Sep 2020 13:02
 Operator : SY/MD
 Sample : VU0915WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK06

Quant Time: Sep 16 03:12:34 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	109979	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32717	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.92	69	28378	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.58	63	54421	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	122709	51.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	5.08	84	63981	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	41149	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	123776	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	39275	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.90	98	99134	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	16231	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	85024	44.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36470	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38668	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

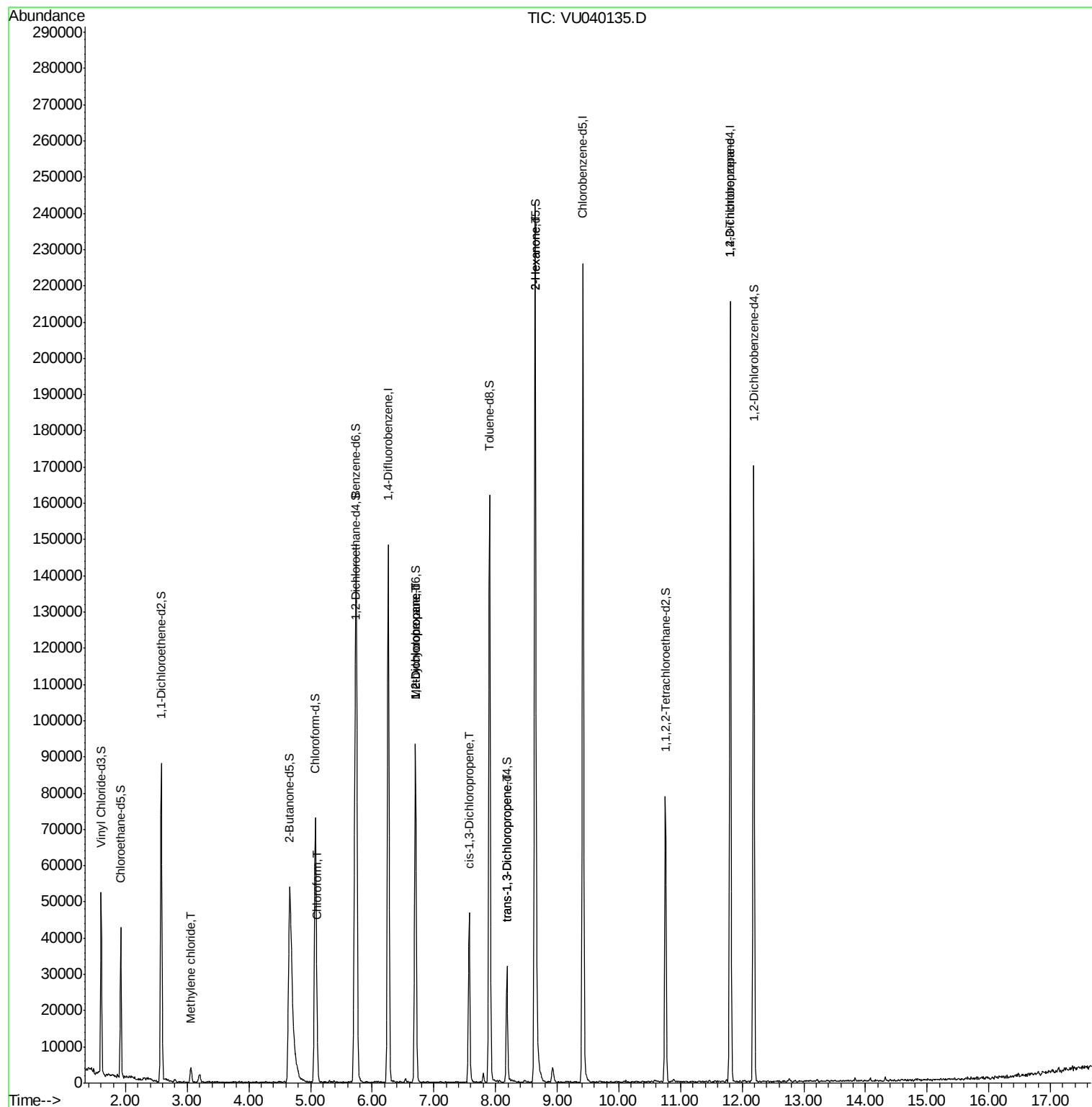
					Ovalue
16) Methylene chloride	3.05	84	1766	0.158 ug/L	91
25) Chloroform	5.11	83	4221	0.219 ug/L	82
35) Methylcyclohexane	6.70	83	9343	0.552 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5213	0.467 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1328	0.081 ug/L #	51
44) trans-1,3-Dichloropropene	8.19	75	941	0.062 ug/L #	73
48) 2-Hexanone	8.64	43	12183	1.823 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7864	0.951 ug/L #	88

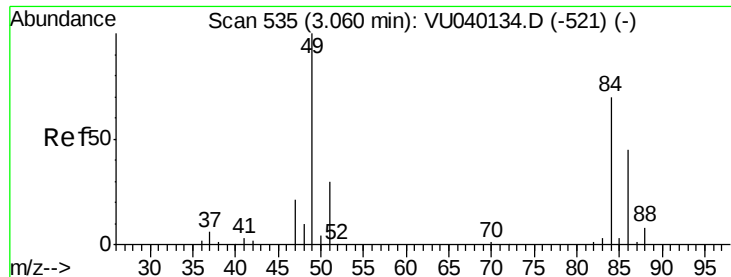
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK06

Quant Time: Sep 16 03:12:34 2020
Quant Method : Z:\V0ASRV\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

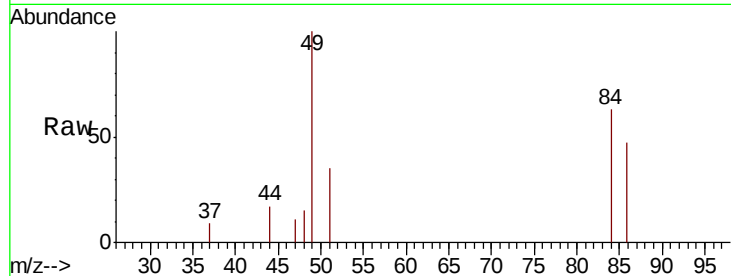




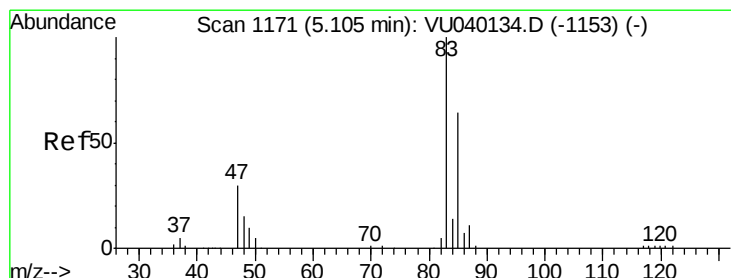
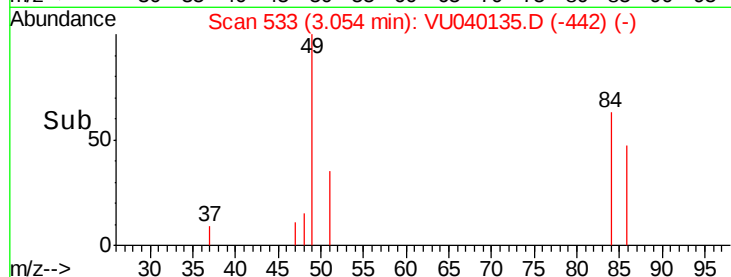
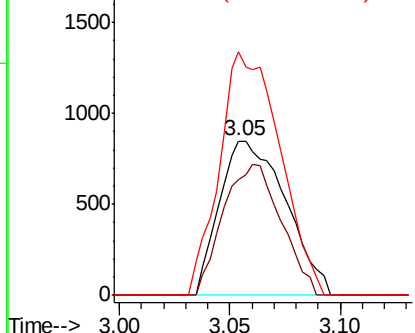
#16
Methvlene chloride
Concen: 0.158 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.01 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Tot Ion: 84 Resp: 1766
Ion Ratio Lower Upper
84 100
86 74.7 45.2 84.0
49 158.0 104.0 193.2

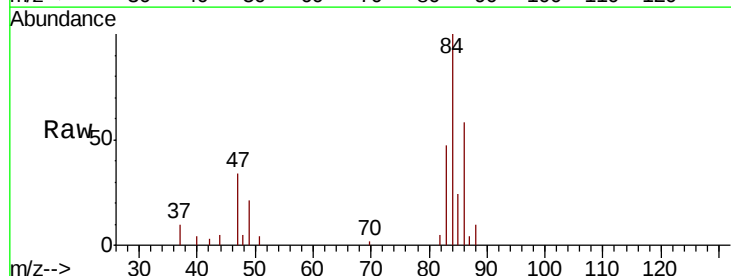


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

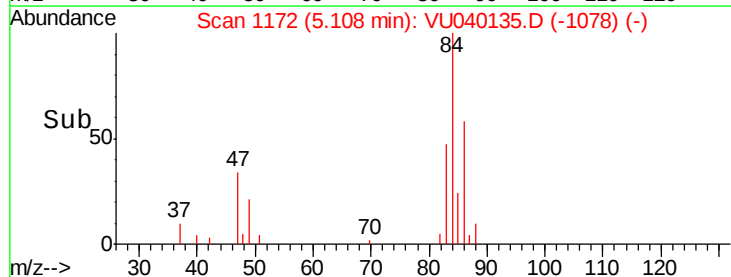
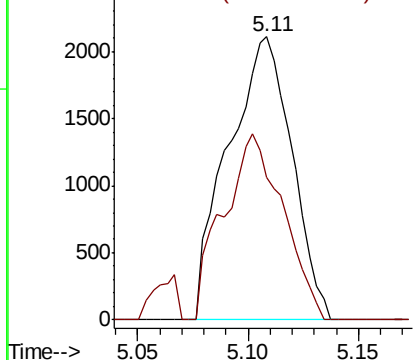


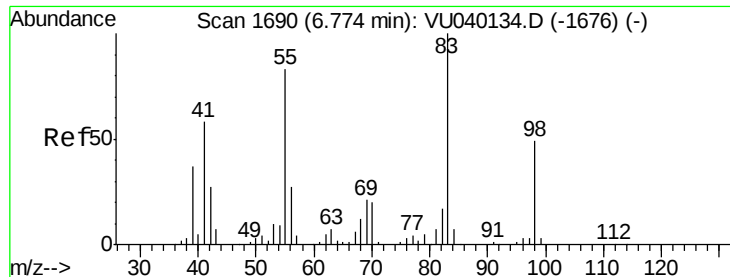
#25
Chloroform
Concen: 0.219 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Tgt Ion: 83 Resp: 4221
Ion Ratio Lower Upper
83 100
85 50.3 45.3 84.1



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

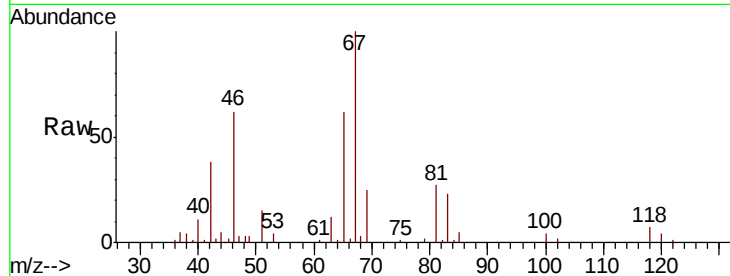




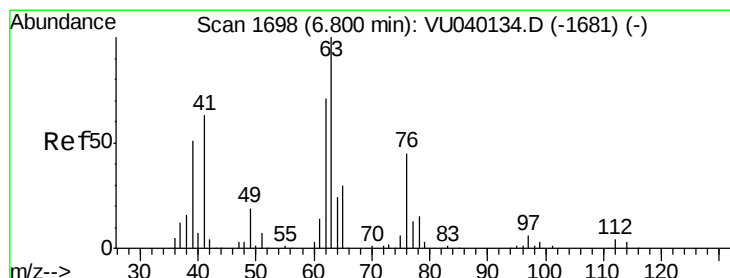
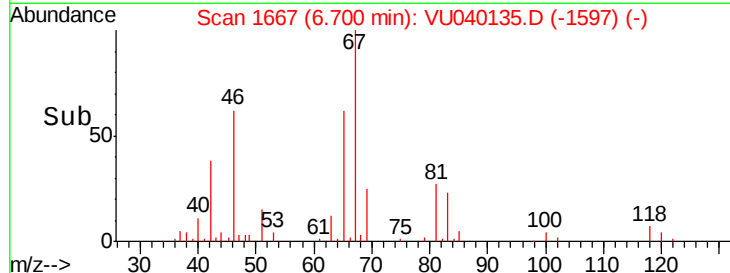
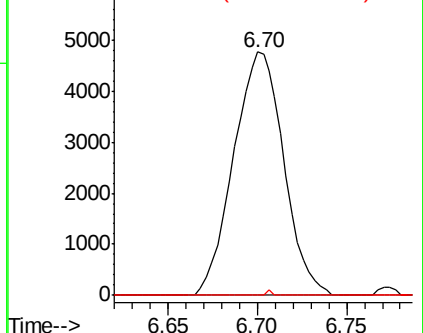
#35
Methvlcvclohexane
Concen: 0.552 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Tot Ion: 83 Resp: 9343
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#

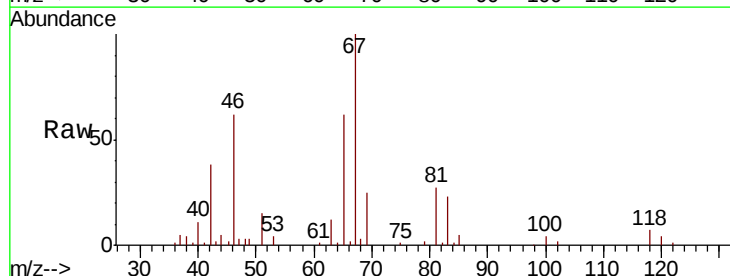


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

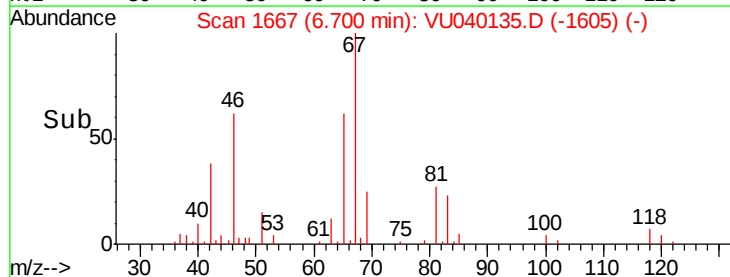
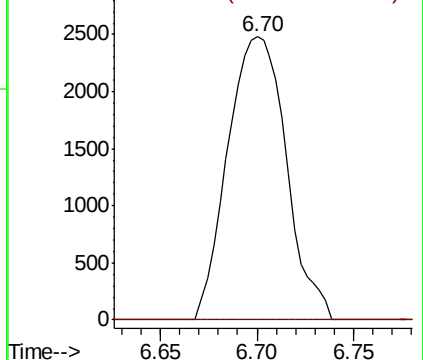


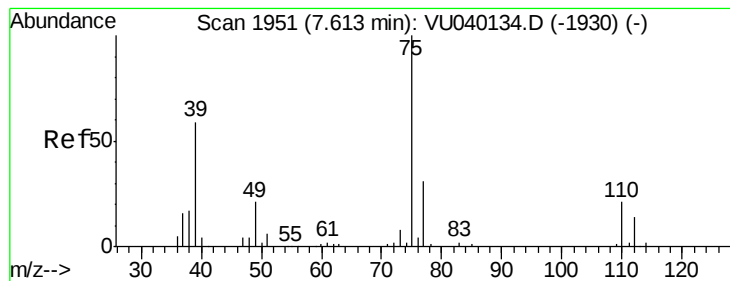
#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Tgt Ion: 63 Resp: 5213
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: 0.081 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040135.D

Acq: 15 Sep 2020 13:02

Instrument :

MSVOA_U

ClientSampleId :

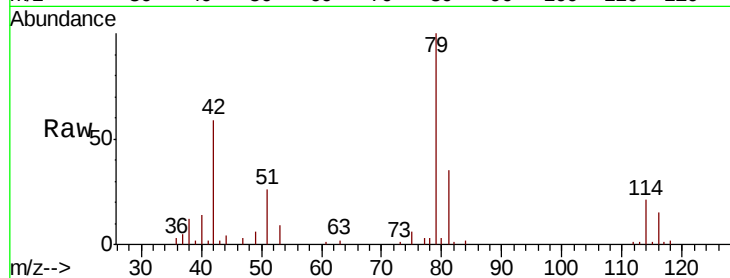
VBLK06

Tot Ion: 75 Resp: 1328

Ion Ratio Lower Upper

75 100

77 56.6 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

7.58

600

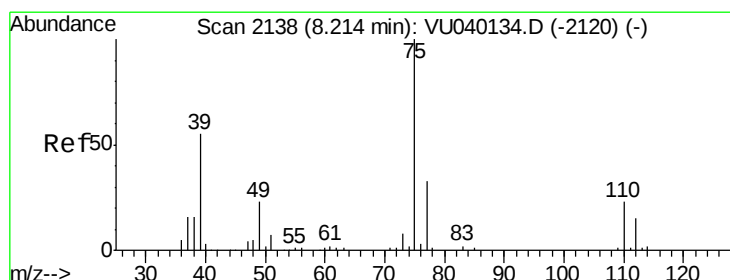
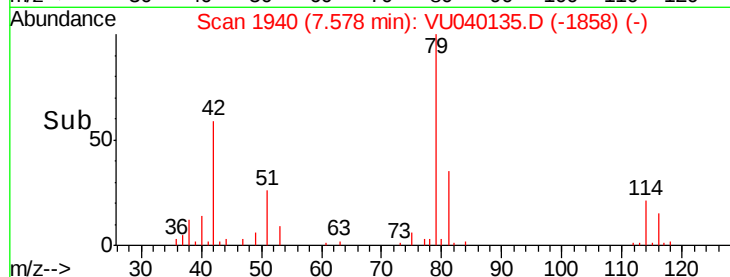
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040135.D

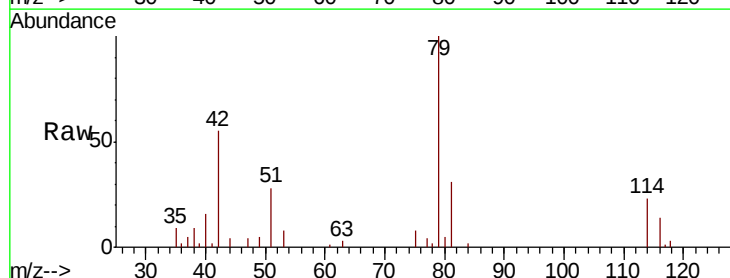
Acq: 15 Sep 2020 13:02

Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 49.6 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

8.19

600

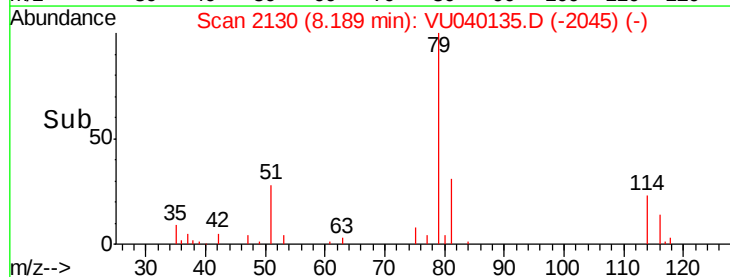
400

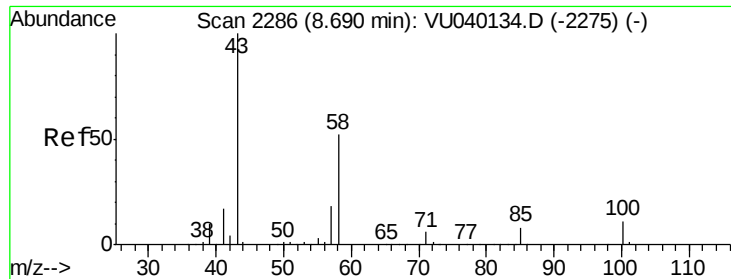
200

0

8.15 8.20

Time-->

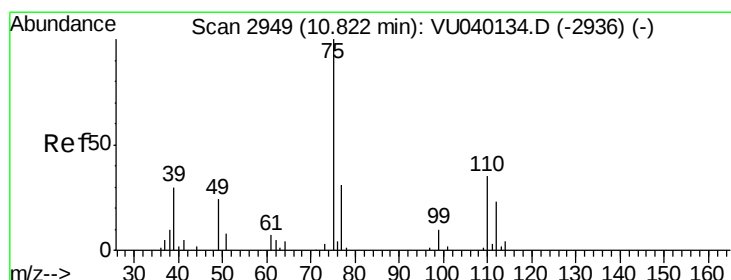
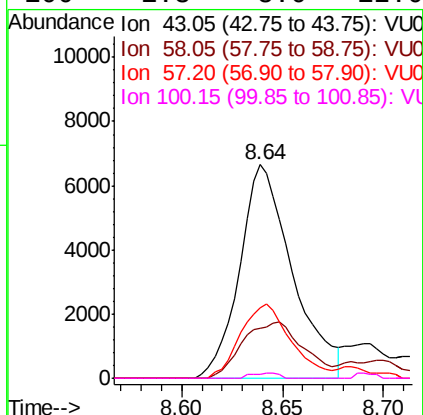
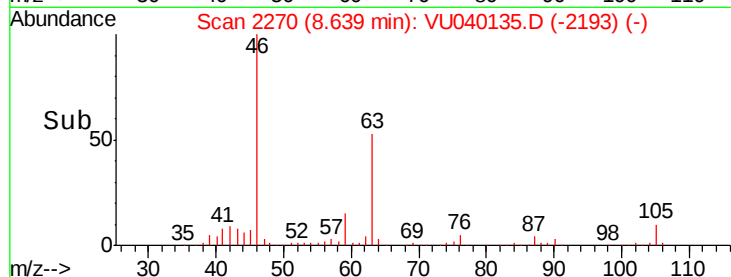
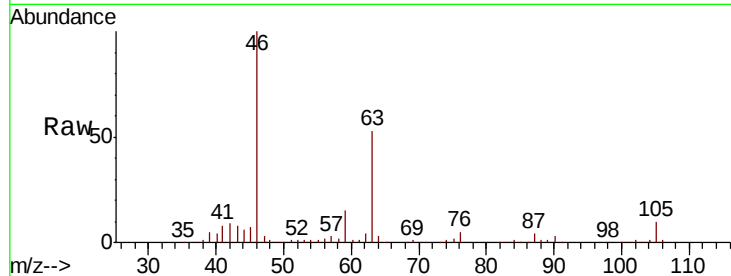




#48
2-Hexanone
Concen: 1.823 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK06

Tot Ion:	43	Resp:	12183
Ion	Ratio	Lower	Upper
43	100		
58	30.3	39.6	59.4#
57	33.3	14.3	21.5#
100	1.3	8.0	12.0#



#59
1,2,3-Trichloropropane
Concen: 0.951 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040135.D
Acq: 15 Sep 2020 13:02

Tgt Ion:	75	Resp:	7864
Ion	Ratio	Lower	Upper
75	100		
77	37.7	24.9	37.3#

