

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041066.D
 Acq On : 03 Nov 2020 10:11
 Operator : SY/MD
 Sample : VU1103WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK14

Quant Time: Nov 04 00:58:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21707	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.92	69	17239	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	32110	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.66	46	86973	62.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.40%
24) Chloroform-d	5.08	84	38120	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.71	65	25507	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.74	84	73115	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.70	67	24561	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.90	98	59024	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.18	79	10008	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.64	63	60743	57.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22872	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	22217	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

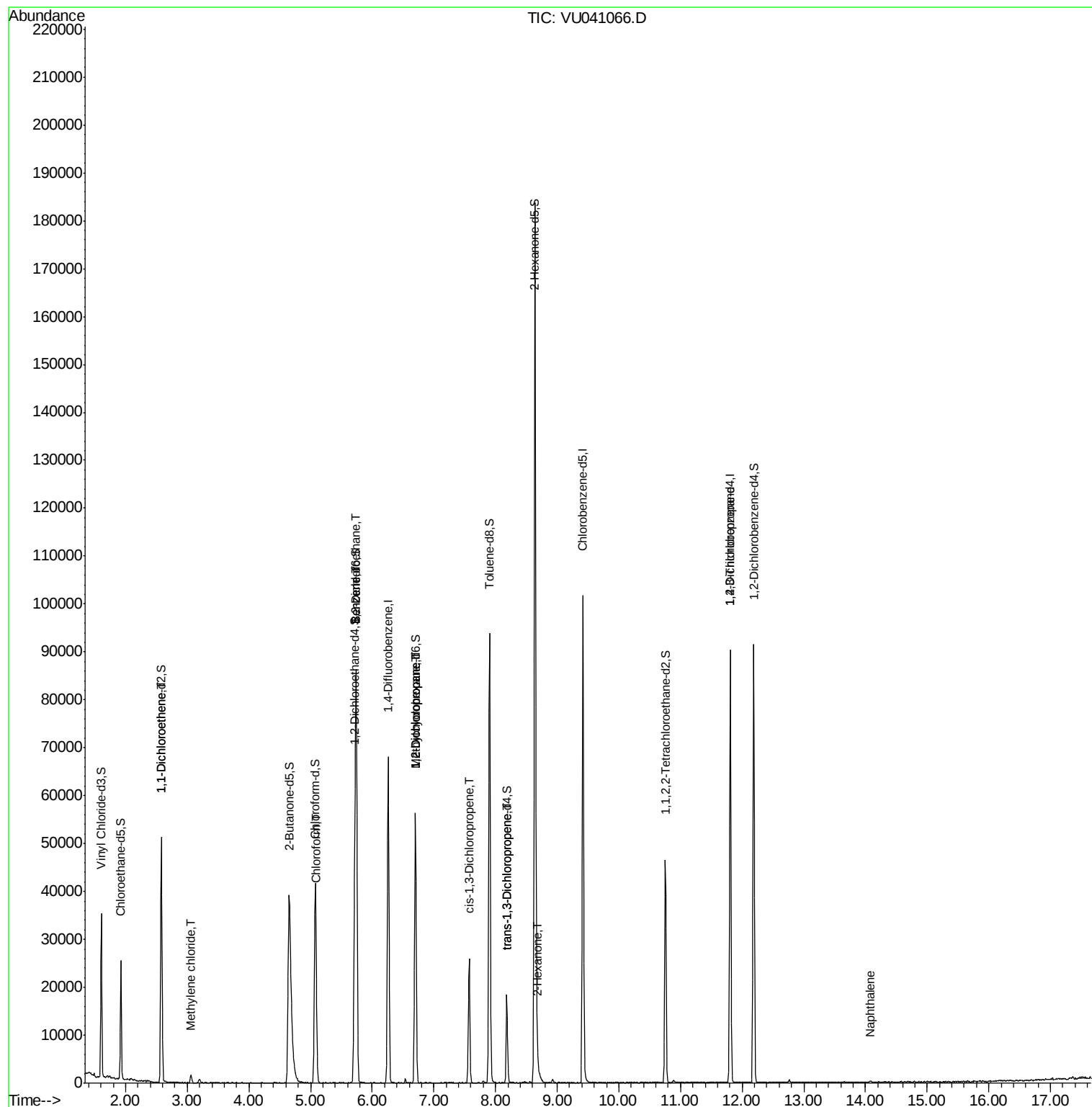
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	188	0.053	ug/L #	1
16) Methylene chloride	3.06	84	767	0.186	ug/L	83
25) Chloroform	5.10	83	506	0.070	ug/L	91
27) 1,2-Dichloroethane	5.73	62	450	0.084	ug/L #	74
33) Benzene	5.74	78	427	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	5832	0.996	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2816	0.675	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	609	0.106	ug/L #	69
44) trans-1,3-Dichloropropene	8.18	75	384	0.071	ug/L #	78
48) 2-Hexanone	8.69	43	1187	0.474	ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	2950	0.948	ug/L #	80
69) Naphthalene	14.08	128	359	0.056	ug/L #	69

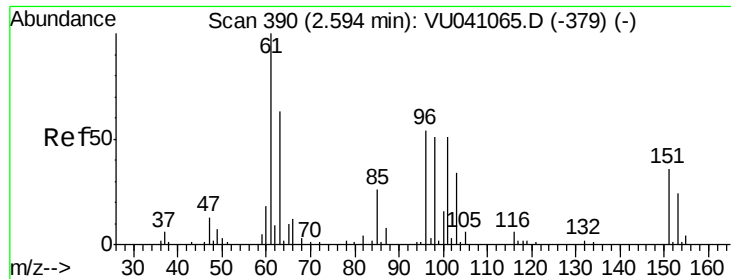
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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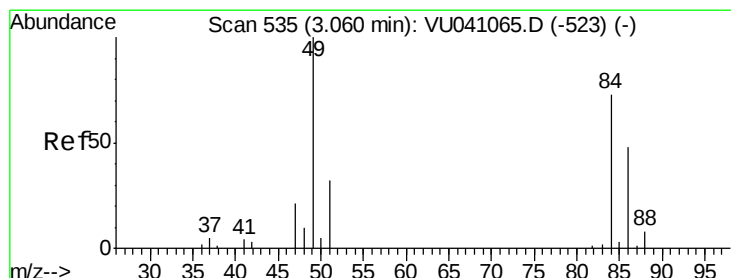
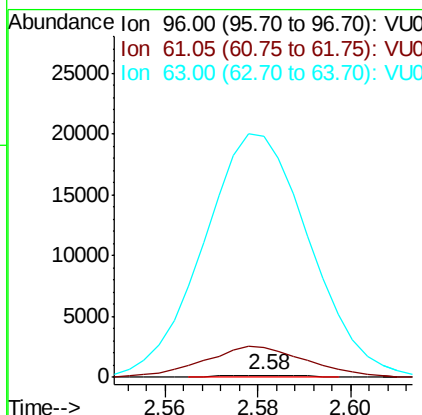
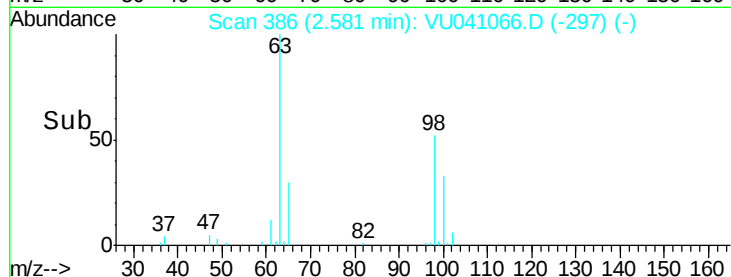
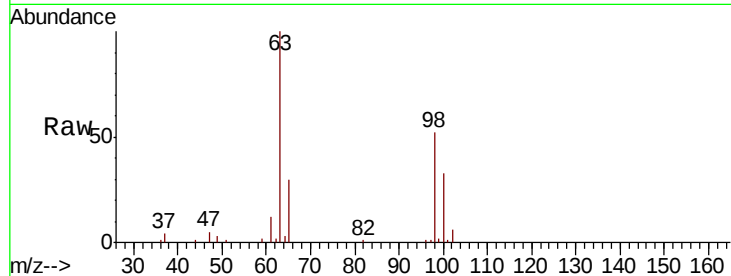




#12
 1,1-Dichloroethene
 Concen: 0.053 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041066.D
 Acq: 03 Nov 2020 10:11

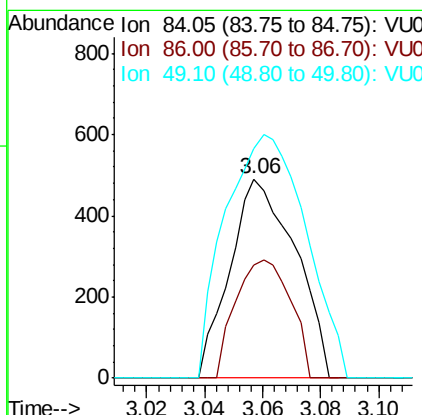
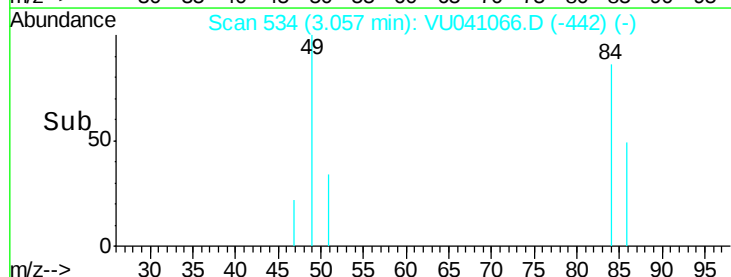
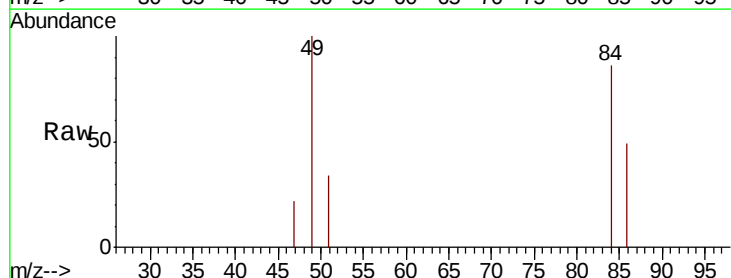
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK14

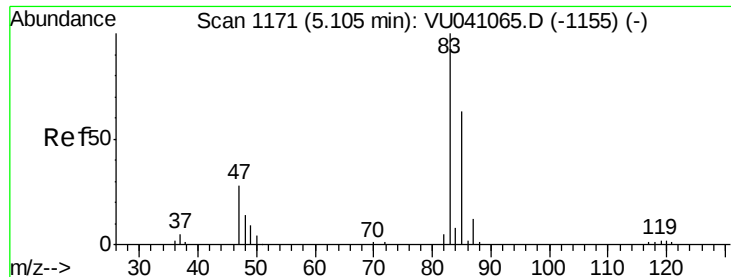
Tot Ion: 96 Resp: 188
 Ion Ratio Lower Upper
 96 100
 61 1313.4 134.3 249.5#
 63 10609.6 95.0 176.4#



#16
 Methylene chloride
 Concen: 0.186 ug/L
 RT: 3.06 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VU041066.D
 Acq: 03 Nov 2020 10:11

Tgt Ion: 84 Resp: 767
 Ion Ratio Lower Upper
 84 100
 86 56.7 42.8 79.6
 49 115.7 99.5 184.7

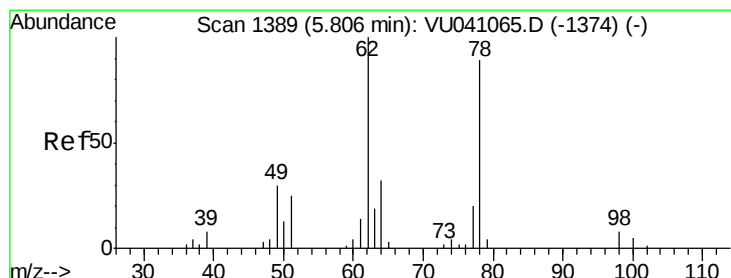
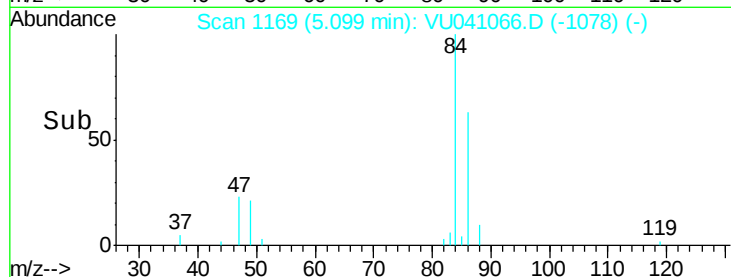
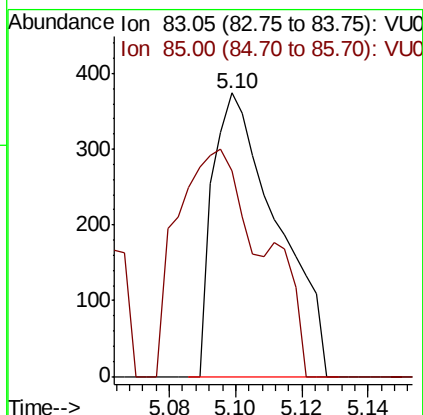
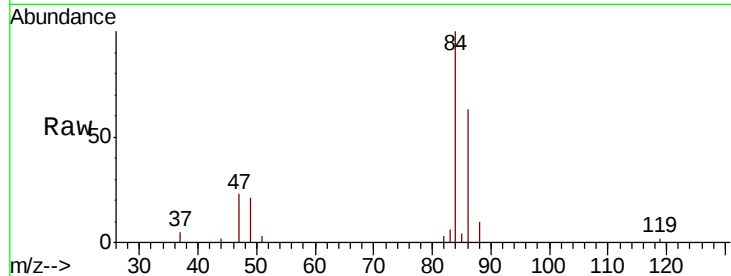




#25
Chloroform
Concen: 0.070 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041066.D
Acq: 03 Nov 2020 10:11

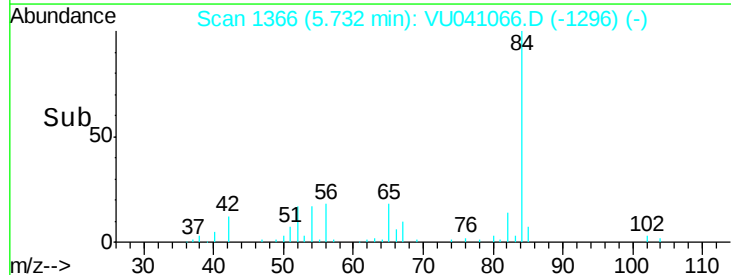
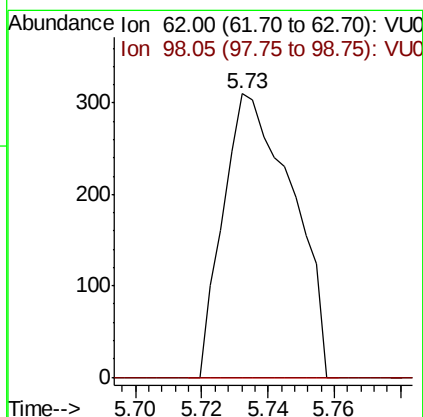
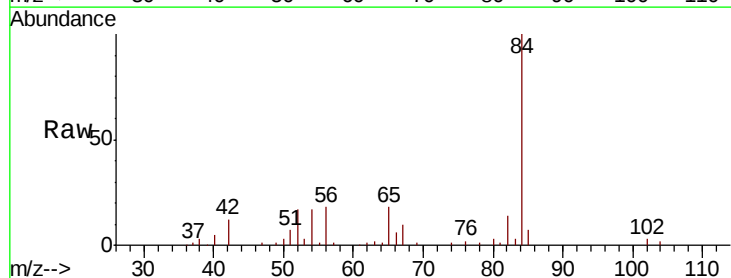
Instrument :
MSVOA_U
ClientSampled :
VBLK14

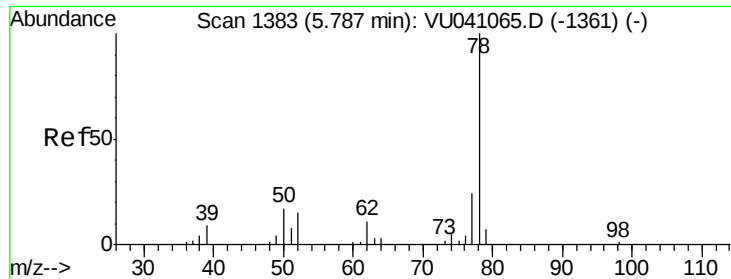
Tot Ion: 83 Resp: 506
Ion Ratio Lower Upper
83 100
85 72.7 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.73 min Scan# 1366
Delta R.T. -0.07 min
Lab File: VU041066.D
Acq: 03 Nov 2020 10:11

Tgt Ion: 62 Resp: 450
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.028 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

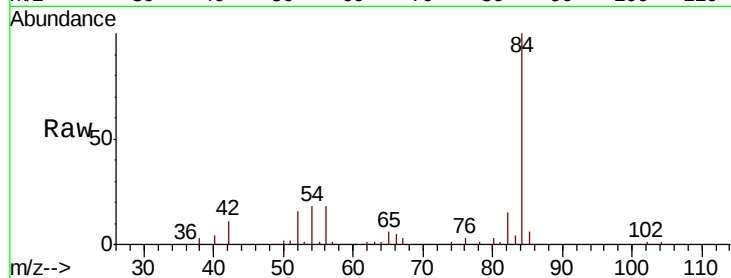
Instrument :

MSVOA_U

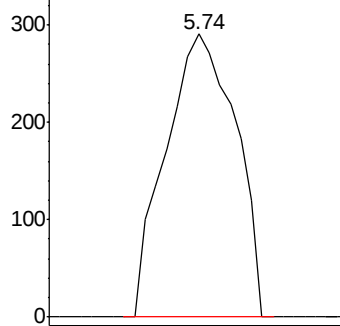
ClientSampled :

VBLK14

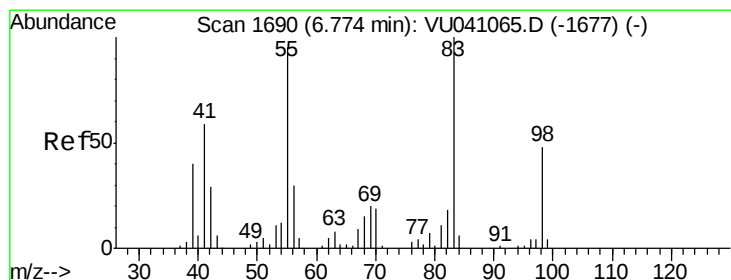
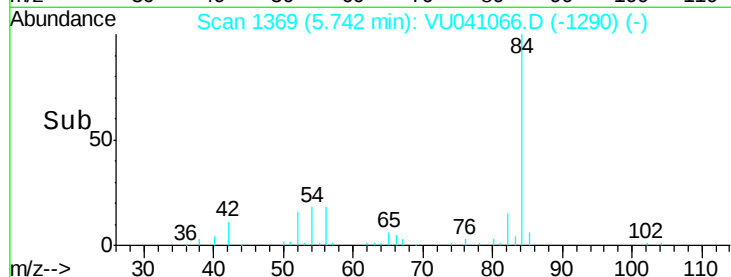
Tgt Ion: 78 Resp: 427



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.996 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

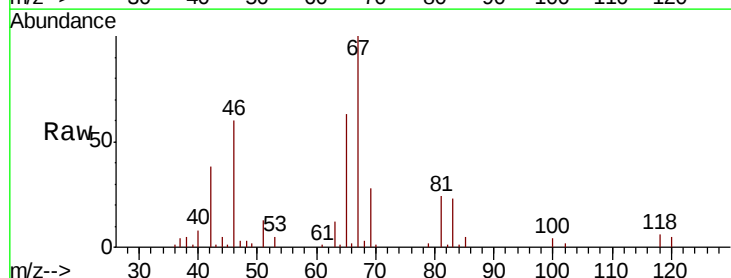
Tgt Ion: 83 Resp: 5832

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

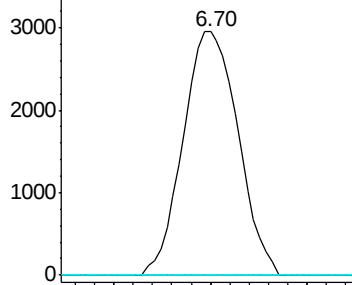
98 1.1 36.6 55.0#



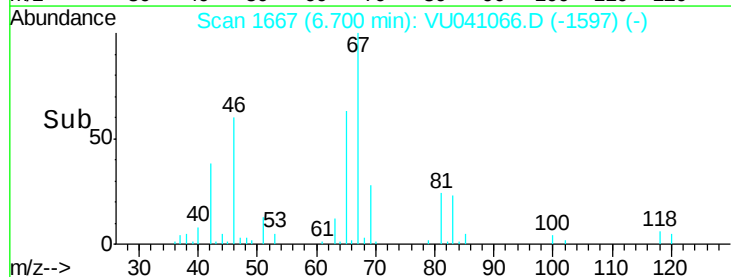
Abundance Ion 83.15 (82.85 to 83.85): VU0

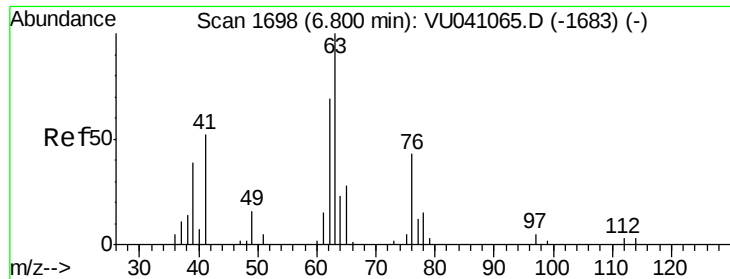
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

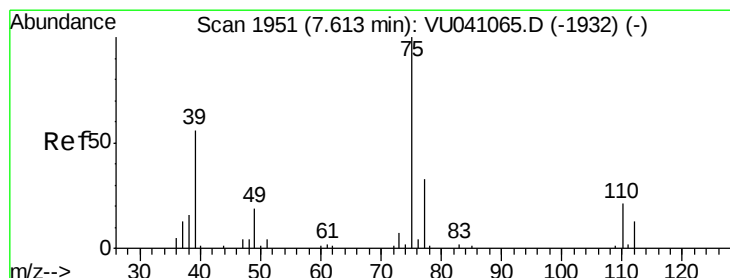
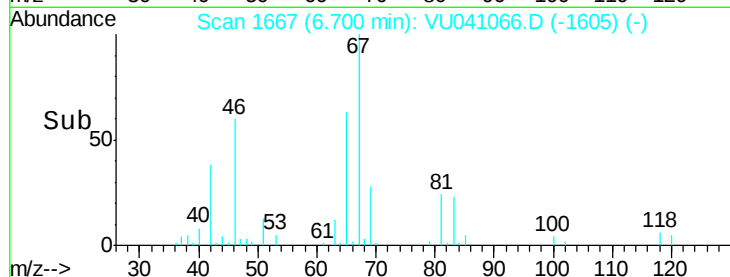
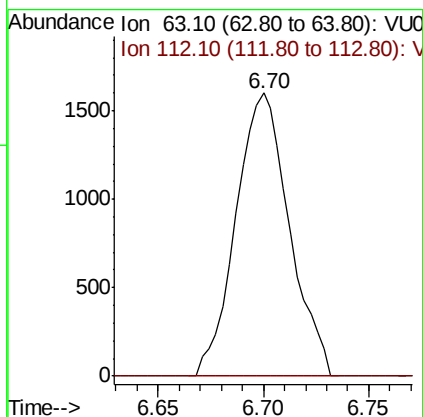
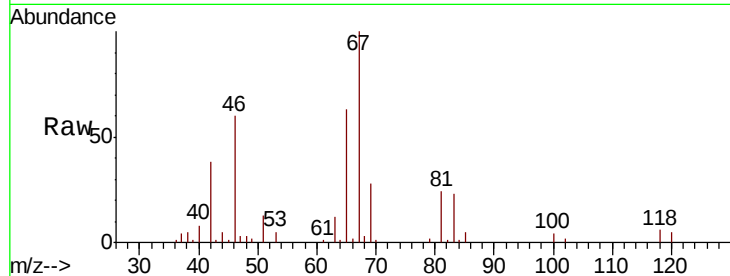




#37
 1,2-Dichloropropane
 Concen: 0.675 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041066.D
 Acq: 03 Nov 2020 10:11

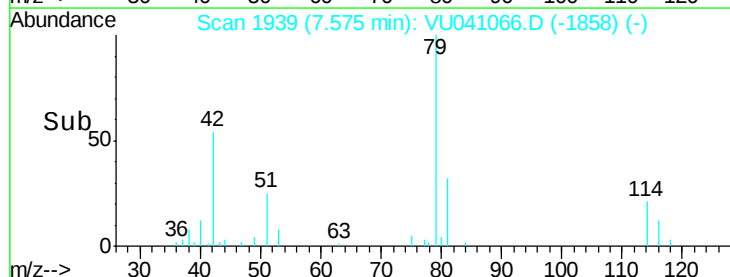
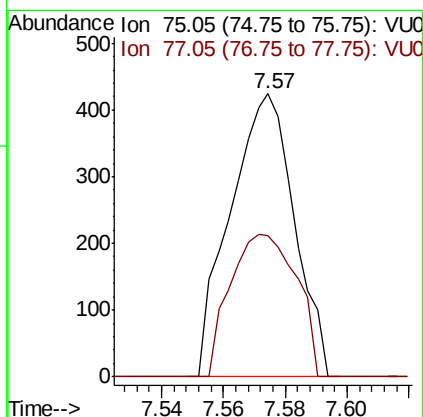
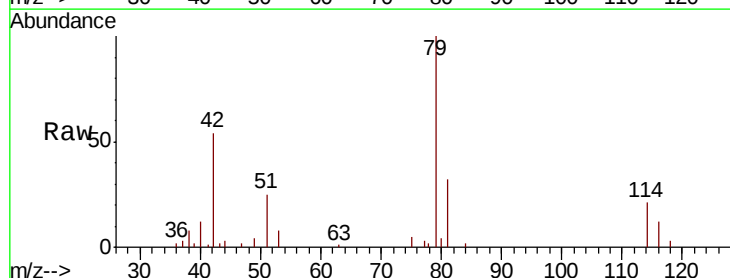
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK14

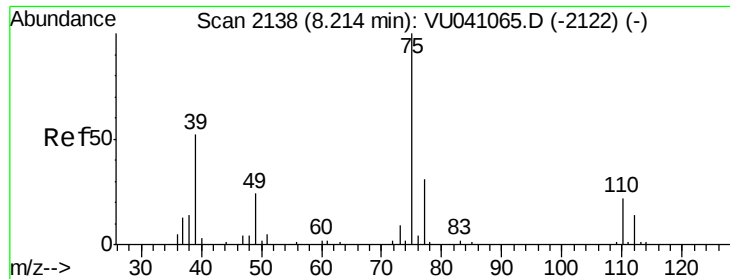
Tot Ion: 63 Resp: 2816
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041066.D
 Acq: 03 Nov 2020 10:11

Tgt Ion: 75 Resp: 609
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

Instrument :

MSVOA_U

ClientSampleId :

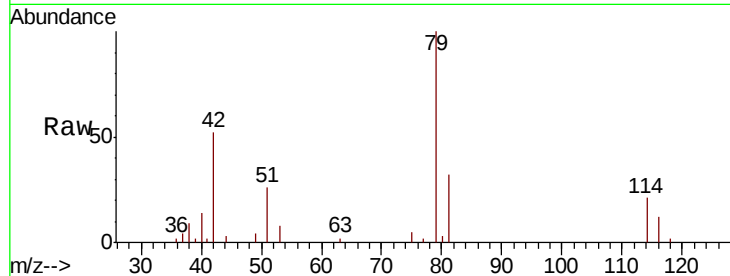
VBLK14

Tot Ion: 75 Resp: 384

Ion Ratio Lower Upper

75 100

77 46.0 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

300

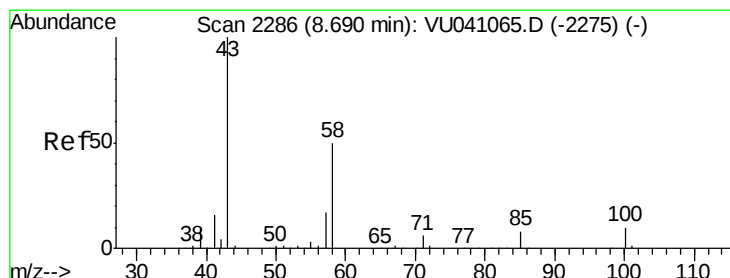
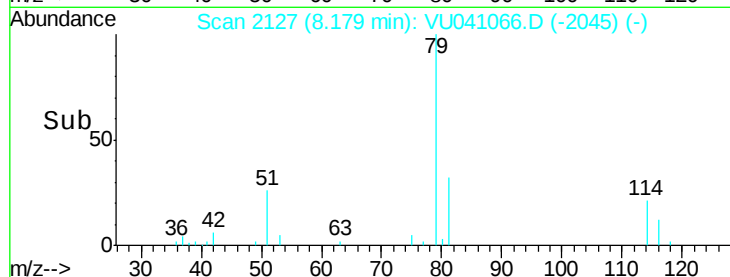
200

100

0

8.16 8.18 8.20

Time-->



#48

2-Hexanone

Concen: 0.474 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

Tgt Ion: 43 Resp: 1187

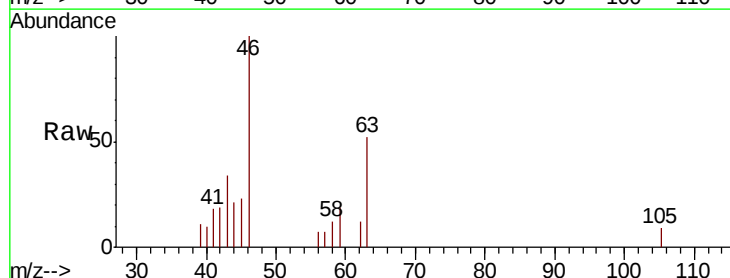
Ion Ratio Lower Upper

43 100

58 24.7 41.4 62.2#

57 0.0 14.6 21.8#

100 0.0 8.3 12.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

6000

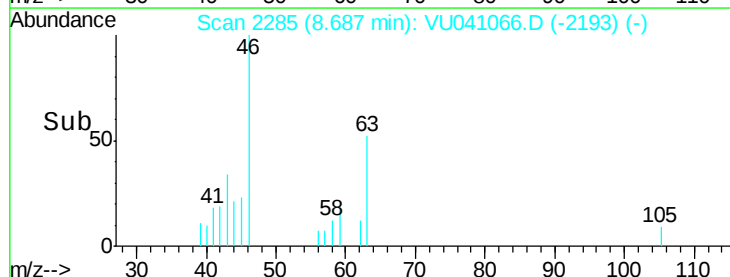
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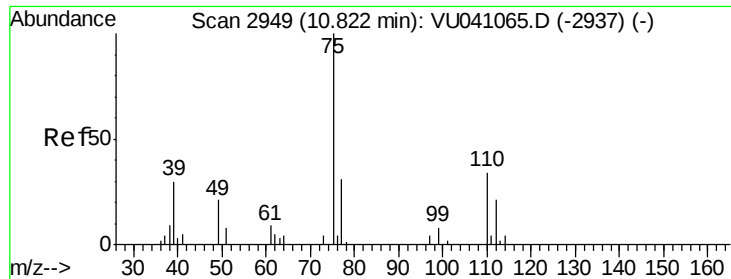
2000

0

8.65 8.69 8.75

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

Instrument :

MSVOA_U

ClientSampled :

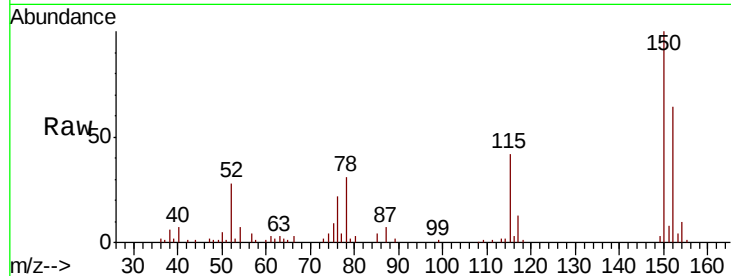
VBLK14

Tot Ion: 75 Resp: 2950

Ion Ratio Lower Upper

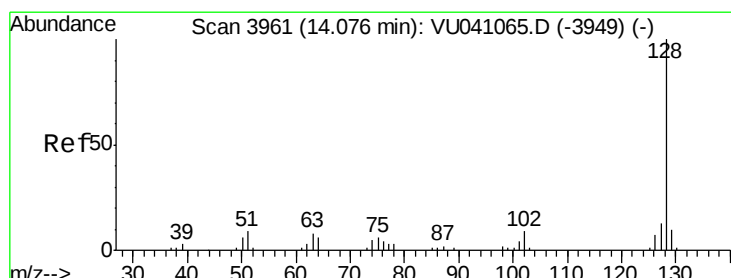
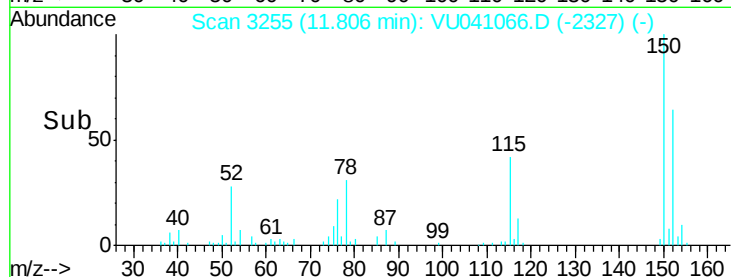
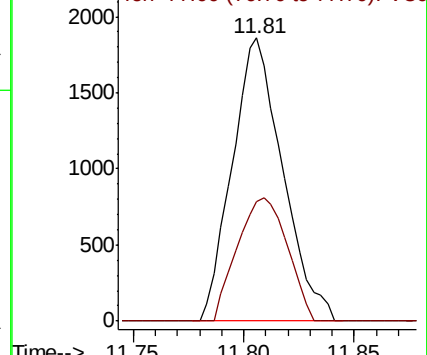
75 100

77 43.2 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#69

Naphthalene

Concen: 0.056 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU041066.D

Acq: 03 Nov 2020 10:11

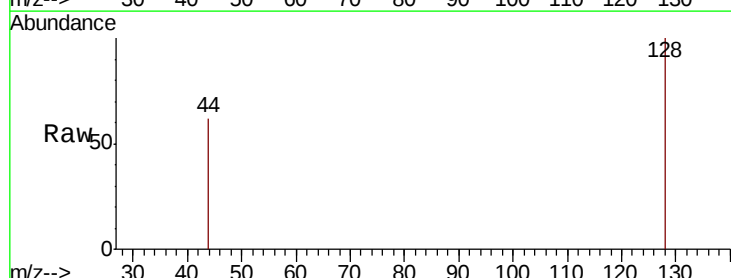
Tgt Ion: 128 Resp: 359

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



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

