

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041421.D
 Acq On : 24 Nov 2020 17:00
 Operator : SY/MD
 Sample : L4853-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Nov 25 07:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17493	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	14215	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	29035	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	59180	54.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.28%
24) Chloroform-d	5.08	84	40224	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.72	65	27287	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.74	84	67207	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.70	67	21633	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.91	98	60814	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	10489	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	40072	54.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20572	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25884	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

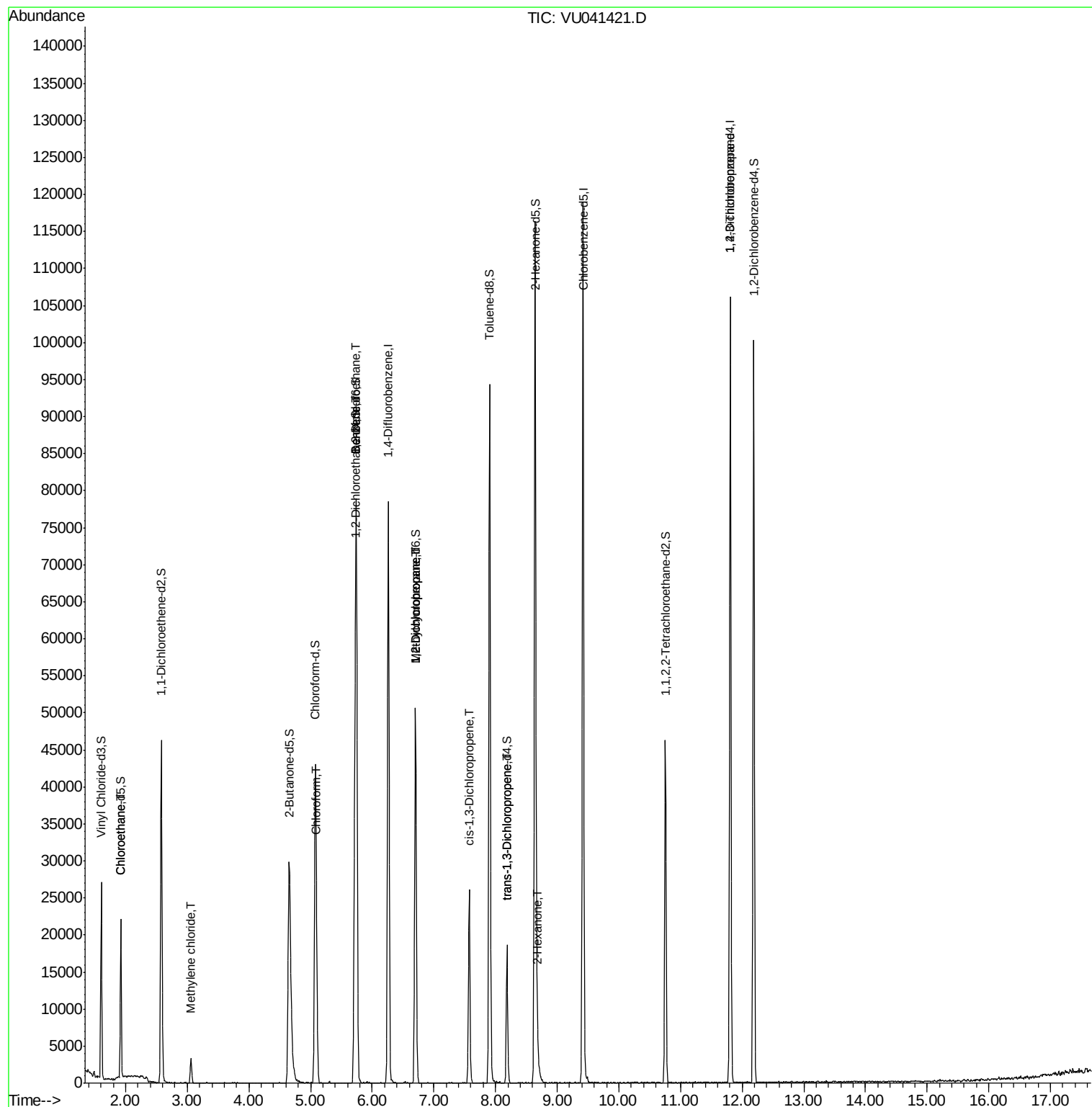
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.91	64	117	0.039	ug/L #	40
16) Methylene chloride	3.06	84	1705	0.320	ug/L	81
25) Chloroform	5.11	83	2442	0.277	ug/L	99
27) 1,2-Dichloroethane	5.74	62	417	0.073	ug/L #	78
33) Benzene	5.75	78	410	0.024	ug/L	100
35) Methylcyclohexane	6.70	83	5704	0.840	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	2948	0.629	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	657	0.101	ug/L #	41
44) trans-1,3-Dichloropropene	8.18	75	643	0.109	ug/L #	81
48) 2-Hexanone	8.69	43	998	0.473	ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	2896	0.945	ug/L #	81

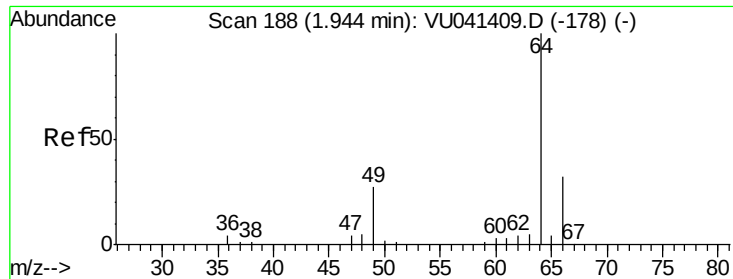
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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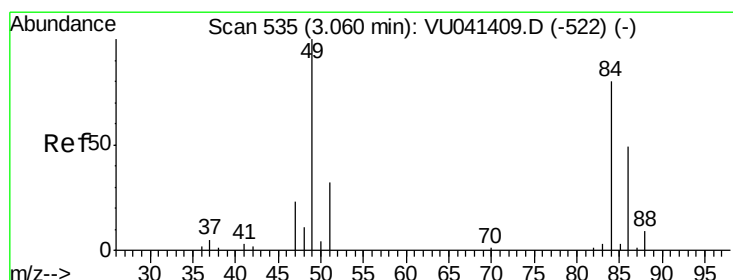
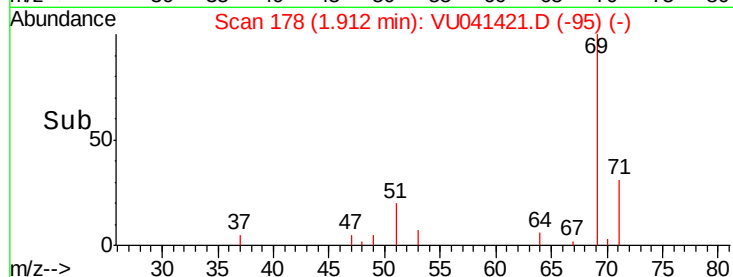
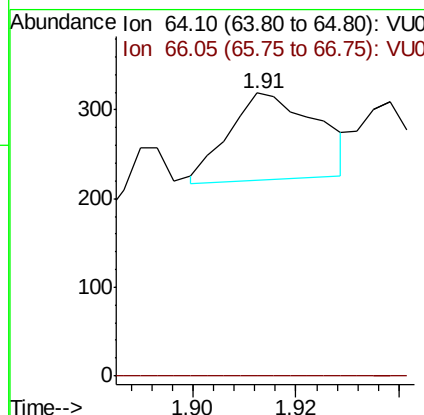
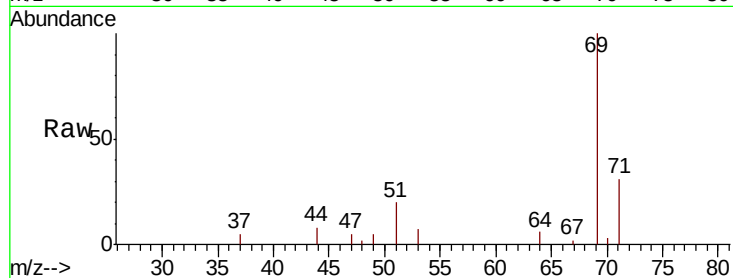




#8
Chloroethane
Concen: 0.039 ug/L
RT: 1.91 min Scan# 178
Delta R.T. -0.03 min
Lab File: VU041421.D
Acq: 24 Nov 2020 17:00

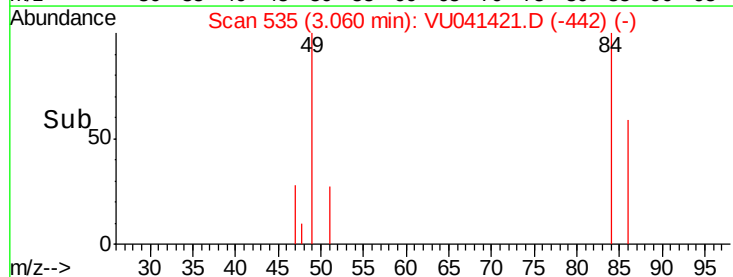
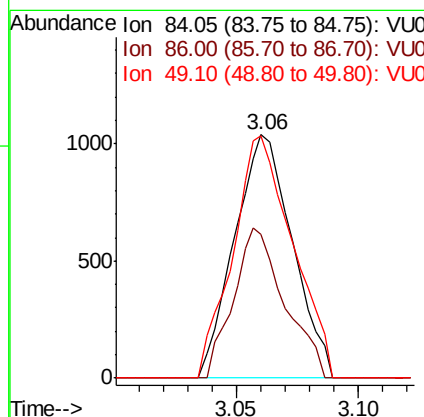
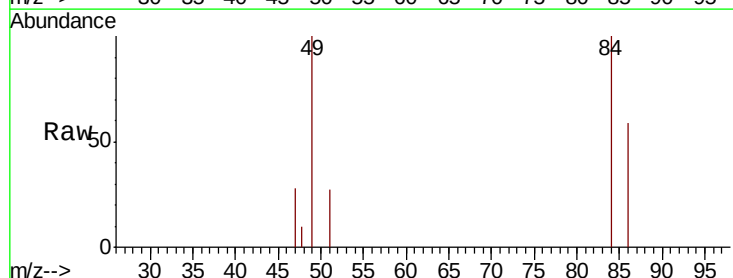
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

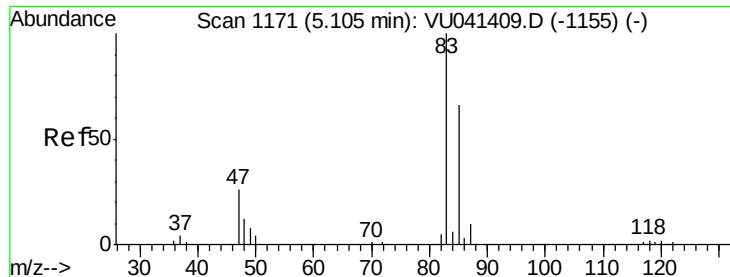
Tot Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 24.6 45.8#



#16
Methylene chloride
Concen: 0.320 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041421.D
Acq: 24 Nov 2020 17:00

Tgt Ion: 84 Resp: 1705
Ion Ratio Lower Upper
84 100
86 59.2 44.4 82.5
49 99.5 89.9 167.0

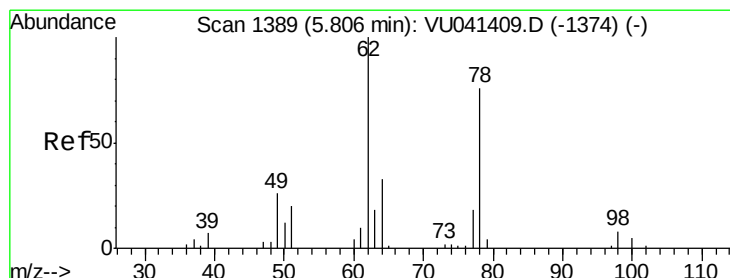
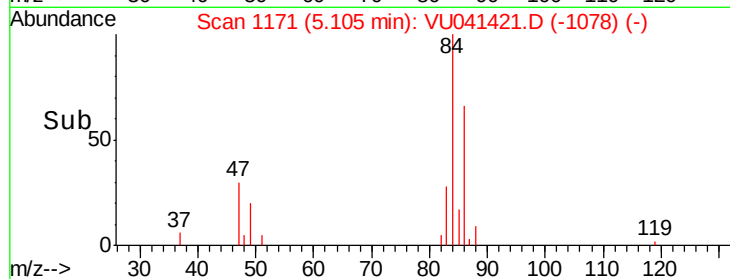
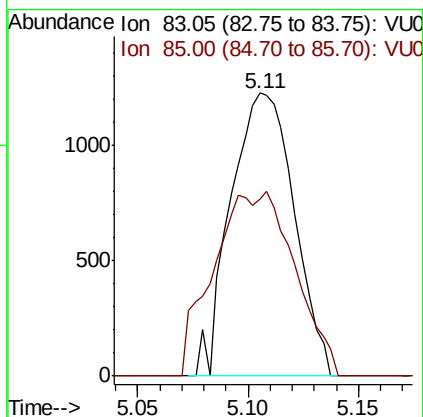
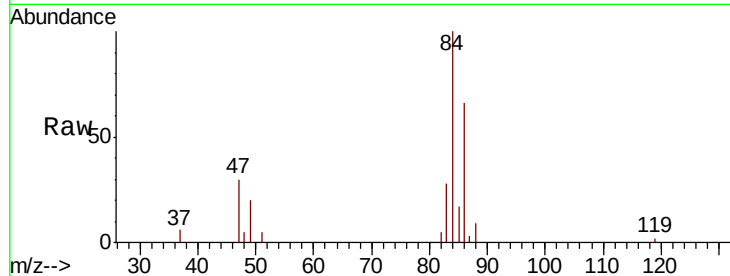




#25
Chloroform
Concen: 0.277 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041421.D
Acq: 24 Nov 2020 17:00

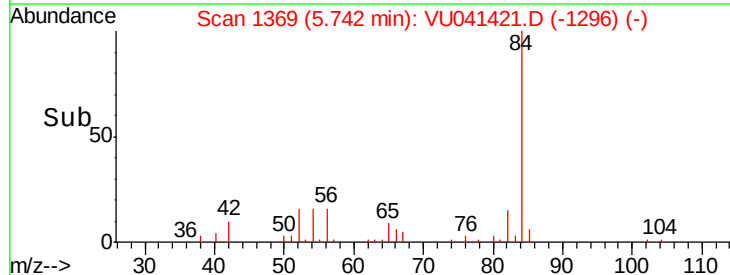
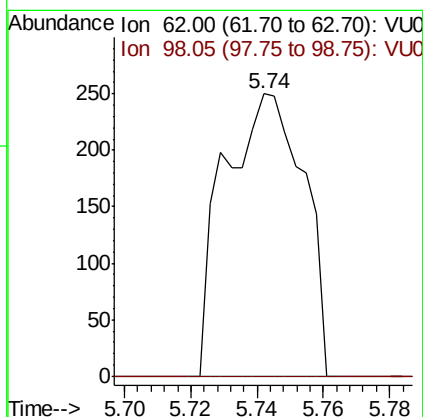
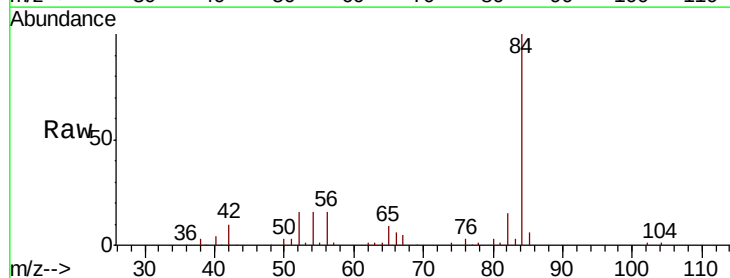
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

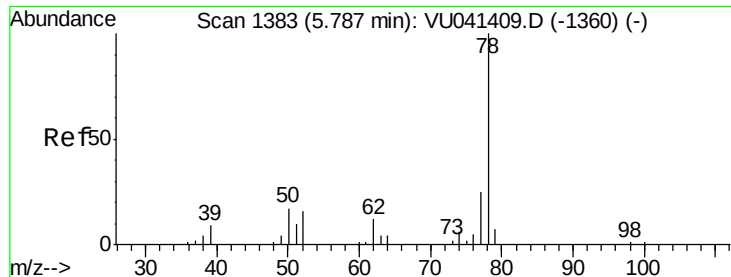
Tot Ion: 83 Resp: 2442
Ion Ratio Lower Upper
83 100
85 62.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041421.D
Acq: 24 Nov 2020 17:00

Tgt Ion: 62 Resp: 417
Ion Ratio Lower Upper
62 100
98 0.0 6.0 9.0#





#33

Benzene

Concen: 0.024 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.04 min

Lab File: VU041421.D

Acq: 24 Nov 2020 17:00

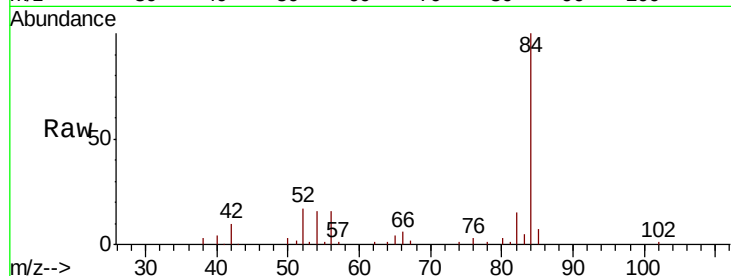
Instrument :

MSVOA_U

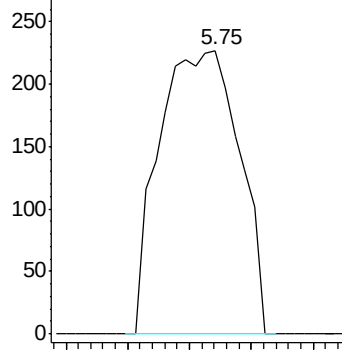
ClientSampleId :

VHBLK02

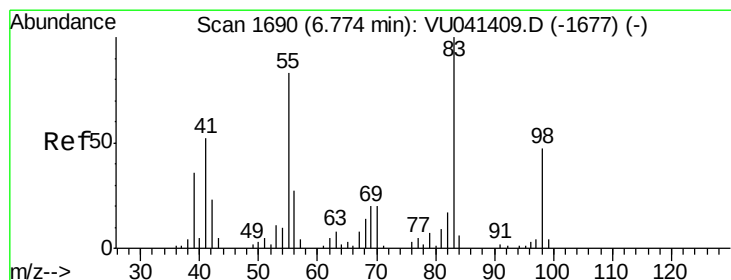
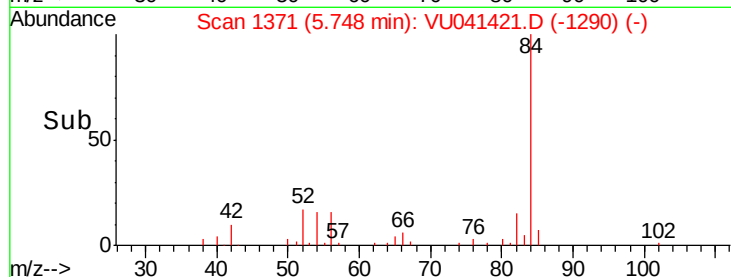
Tgt Ion: 78 Resp: 410



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041421.D

Acq: 24 Nov 2020 17:00

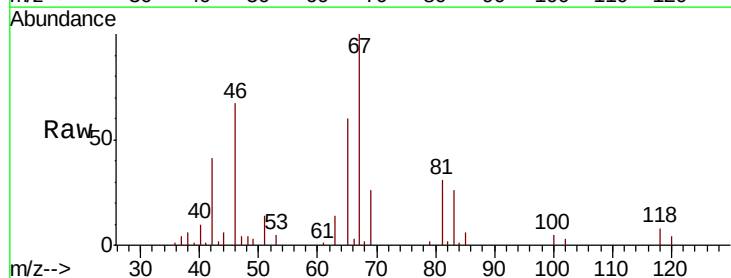
Tgt Ion: 83 Resp: 5704

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

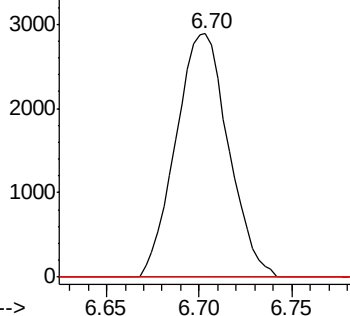
98 0.0 36.5 54.7#



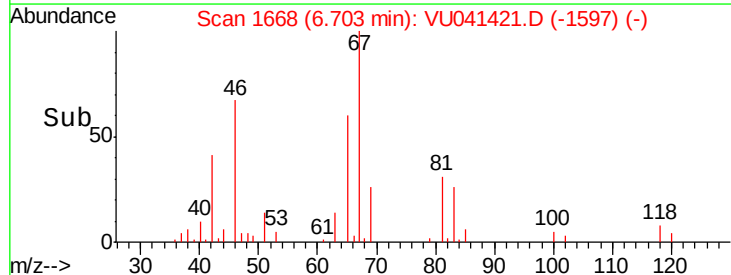
Abundance Ion 83.15 (82.85 to 83.85): VU0

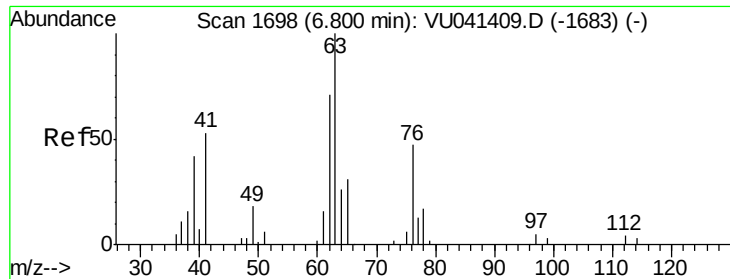
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

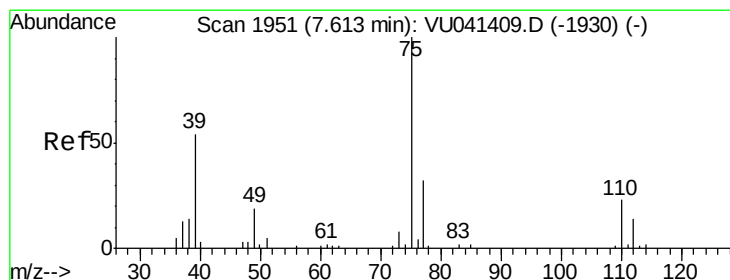
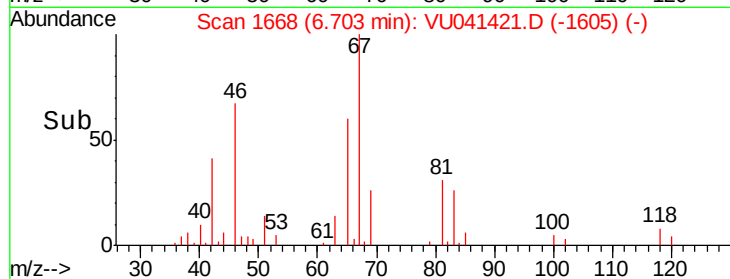
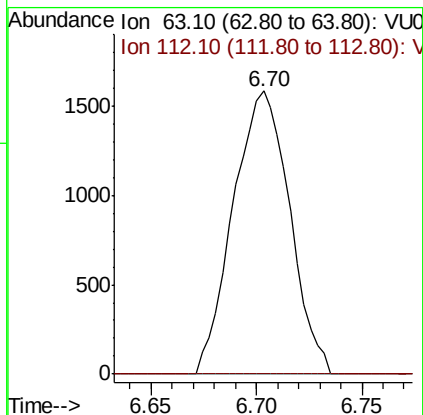
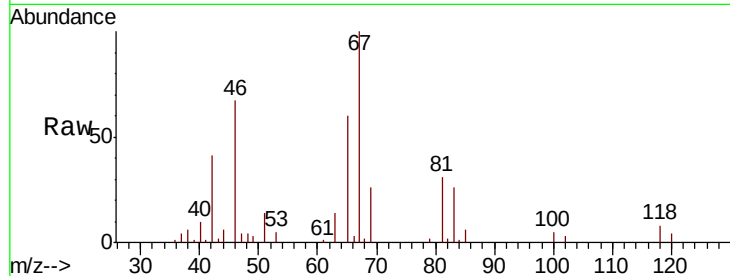




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041421.D
 Acq: 24 Nov 2020 17:00

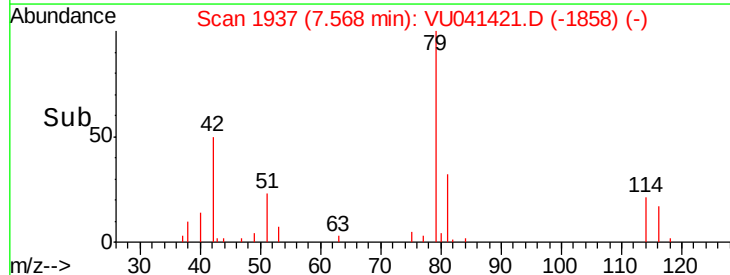
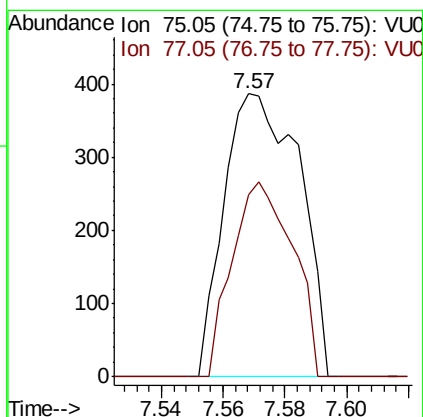
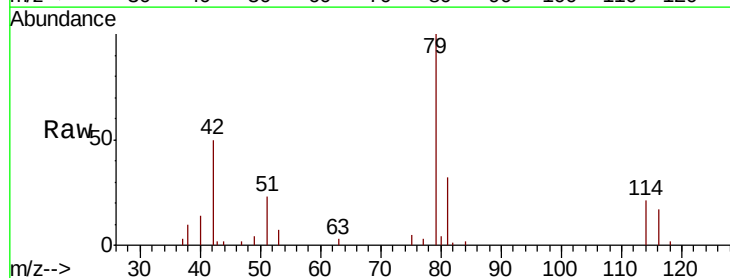
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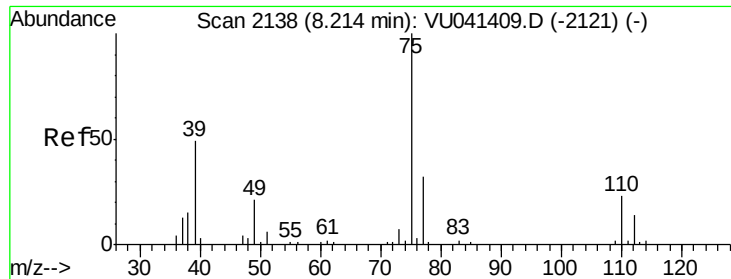
Tot Ion: 63 Resp: 2948
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041421.D
 Acq: 24 Nov 2020 17:00

Tgt Ion: 75 Resp: 657
 Ion Ratio Lower Upper
 75 100
 77 64.3 22.1 41.1#

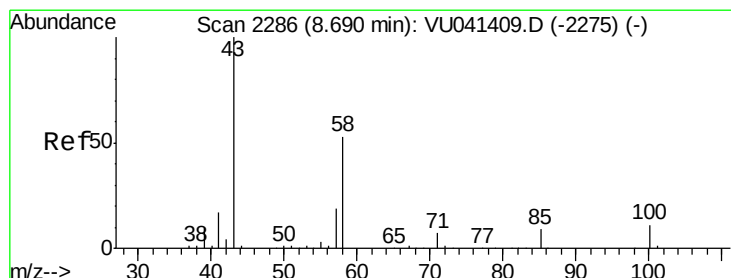
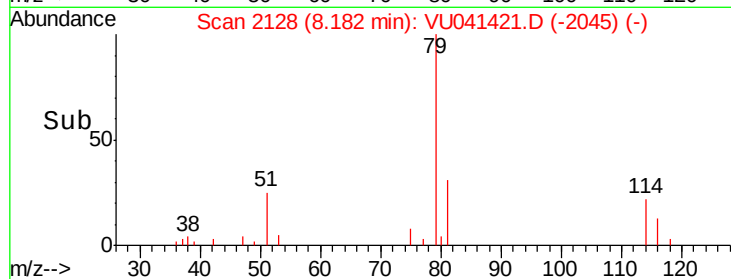
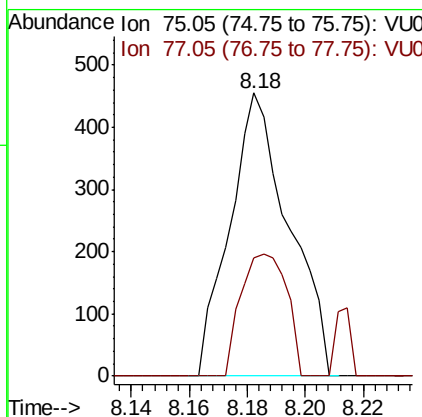
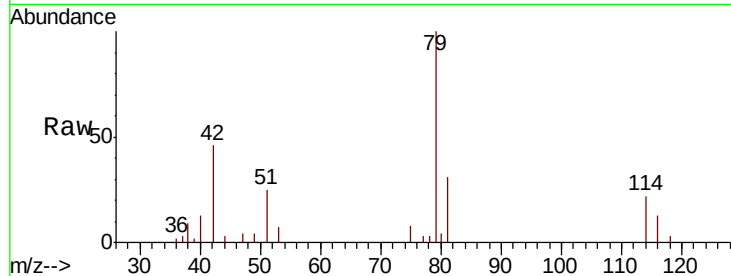




#44
 trans-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU041421.D
 Acq: 24 Nov 2020 17:00

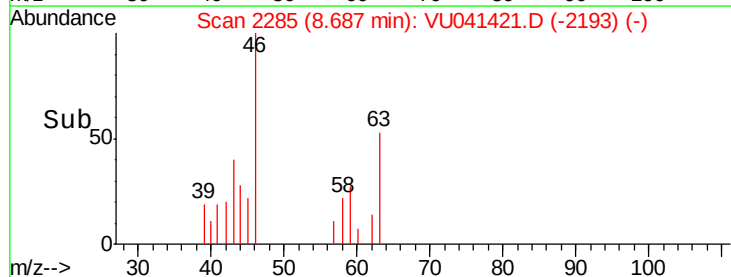
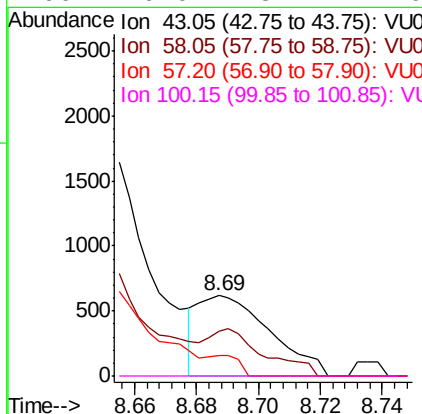
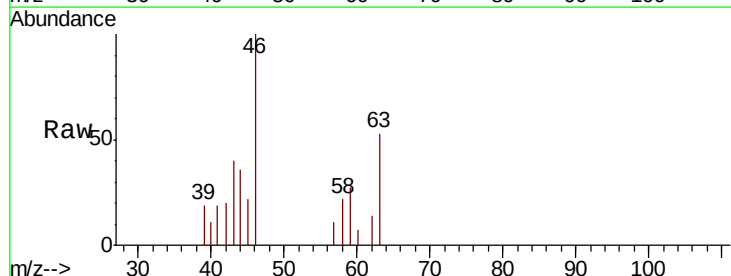
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK02

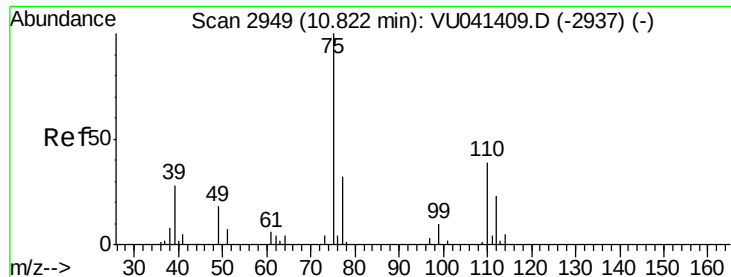
Tot Ion: 75 Resp: 643
 Ion Ratio Lower Upper
 75 100
 77 41.5 21.7 40.3#



#48
 2-Hexanone
 Concen: 0.473 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VU041421.D
 Acq: 24 Nov 2020 17:00

Tgt Ion: 43 Resp: 998
 Ion Ratio Lower Upper
 43 100
 58 45.3 42.0 63.0
 57 0.0 15.0 22.4#
 100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 0.945 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041421.D

Acq: 24 Nov 2020 17:00

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 2896

Ion Ratio Lower Upper

75 100

77 41.7 25.1 37.7#

