

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040761.D
 Acq On : 16 Oct 2020 20:56
 Operator : SY/MD
 Sample : VU1016WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK31

Quant Time: Oct 19 01:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 01:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51382	5.00	ug/L	0.00

System Monitoring Compounds

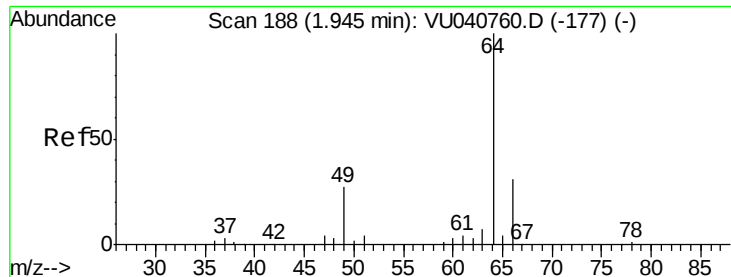
4) Vinyl Chloride-d3	1.60	65	34392	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	33991	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.58	63	57975	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.66	46	173620	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	5.08	84	84797	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	53411	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.75	84	148933	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	52462	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.91	98	113225	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.19	79	19481	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	114275	46.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48493	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47856	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
8) Chloroethane	1.94	64	345	0.050 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	473	0.047 ug/L #	20
16) Methylene chloride	3.06	84	1627	0.147 ug/L	73
25) Chloroform	5.11	83	4121	0.216 ug/L	88
35) Methylcyclohexane	6.70	83	12862	0.857 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6276	0.552 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1338	0.086 ug/L #	58
44) trans-1,3-Dichloropropene	8.18	75	969	0.068 ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	6785	0.812 ug/L	91
69) Naphthalene	14.08	128	756	0.050 ug/L #	69

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

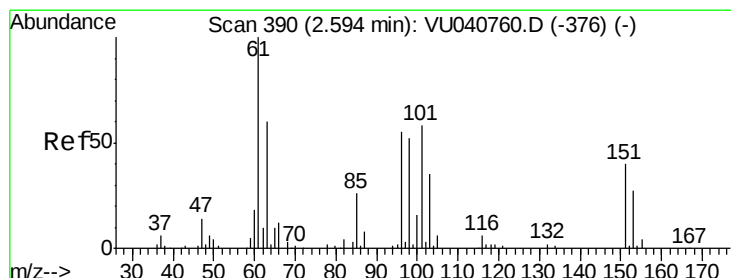
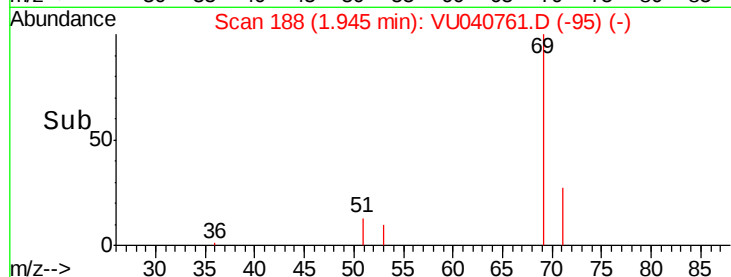
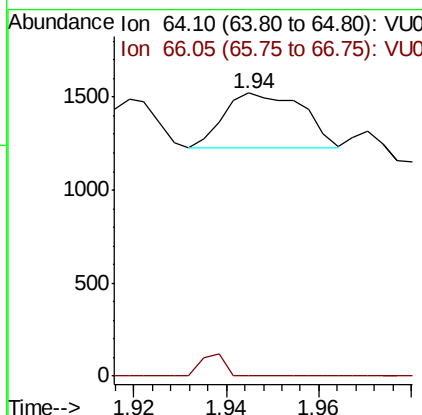
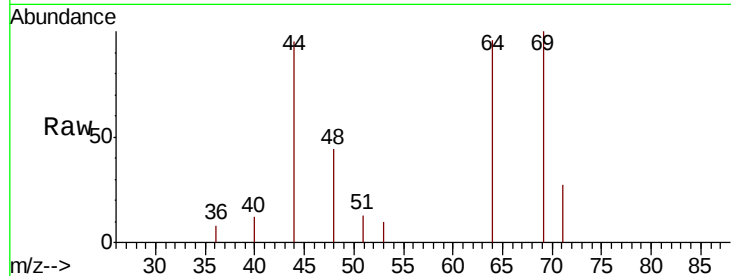
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101620\
Data File : VU040761.D
Acq On : 16 Oct 2020 20:56
Operator : SY/MD
Sample : VU1016WBL02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1



#8
 Chloroethane
 Concen: 0.050 ug/L
 RT: 1.94 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VU040761.D
 Acq: 16 Oct 2020 20:56

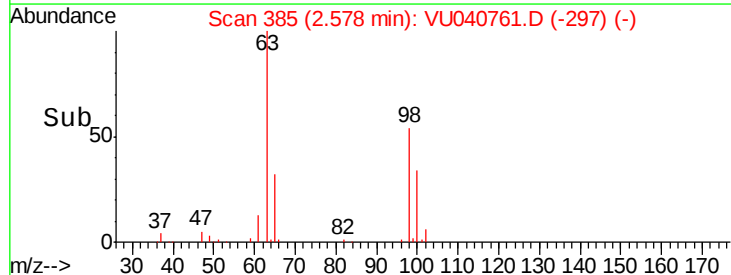
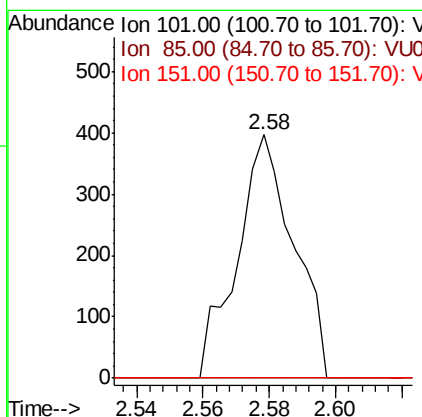
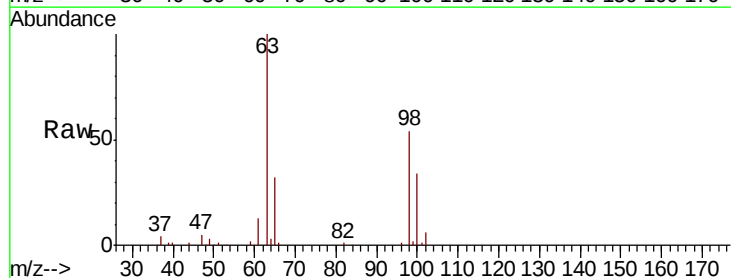
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK31

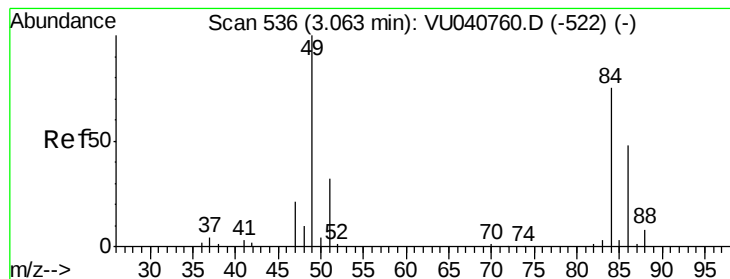
Tot Ion: 64 Resp: 345
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.047 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU040761.D
 Acq: 16 Oct 2020 20:56

Tgt Ion:101 Resp: 473
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#





#16

Methvlene chloride

Concen: 0.147 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040761.D

Acq: 16 Oct 2020 20:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK31

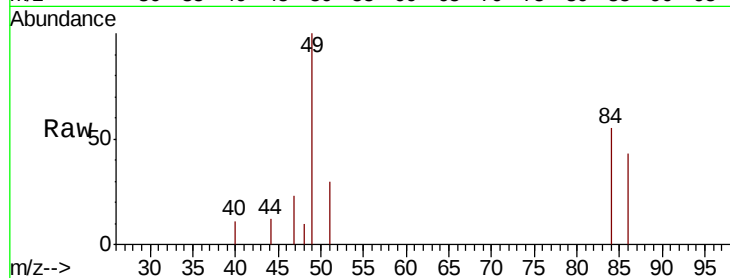
Tot Ion: 84 Resp: 1627

Ion Ratio Lower Upper

84 100

86 77.7 45.4 84.4

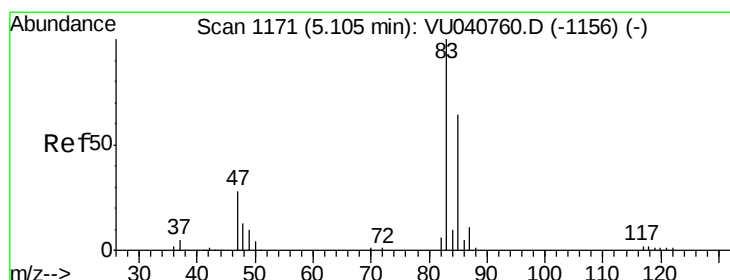
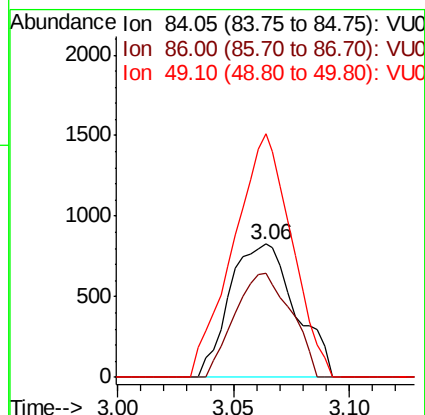
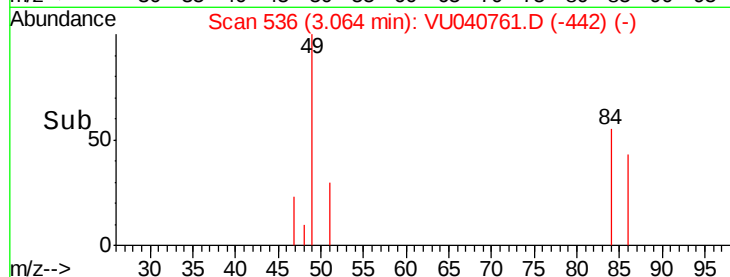
49 182.5 99.8 185.3



Abundance Ion 84.05 (83.75 to 84.75): VU040761.D (-1078) (-)

Ion 86.00 (85.70 to 86.70): VU040761.D (-1078) (-)

Ion 49.10 (48.80 to 49.80): VU040761.D (-1078) (-)



#25

Chloroform

Concen: 0.216 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040761.D

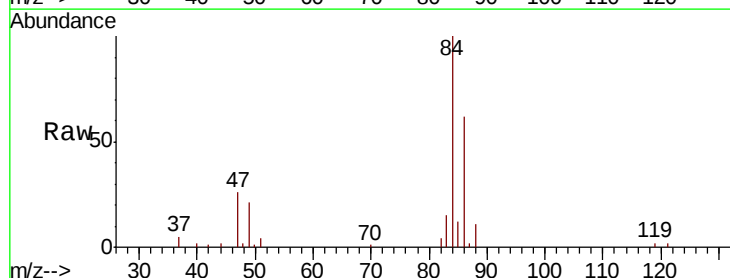
Acq: 16 Oct 2020 20:56

Tgt Ion: 83 Resp: 4121

Ion Ratio Lower Upper

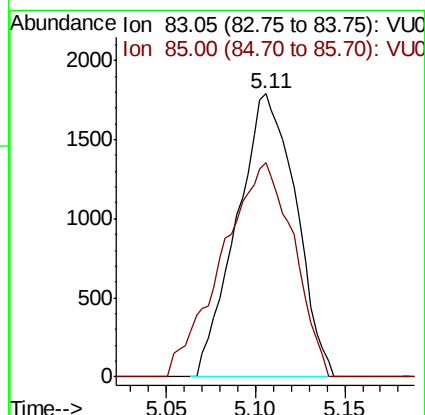
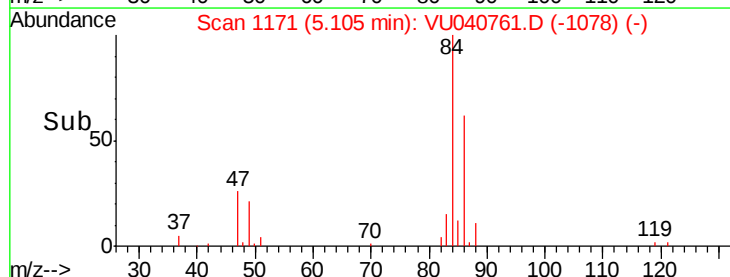
83 100

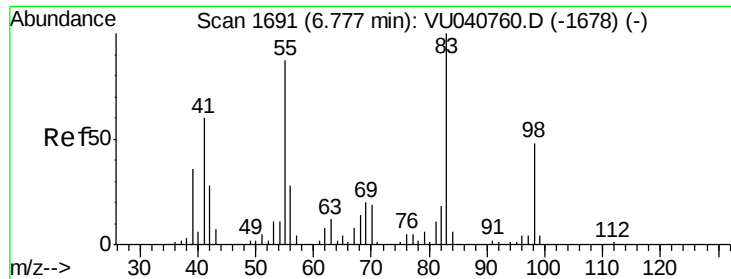
85 75.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040761.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040761.D (-1078) (-)

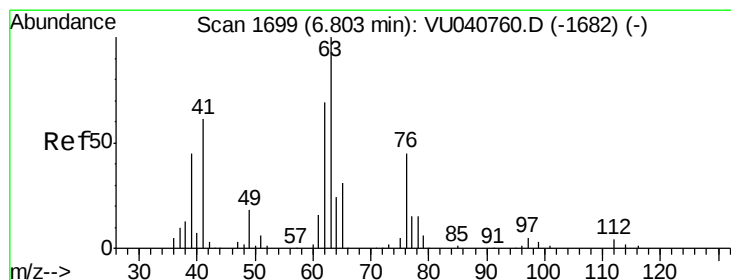
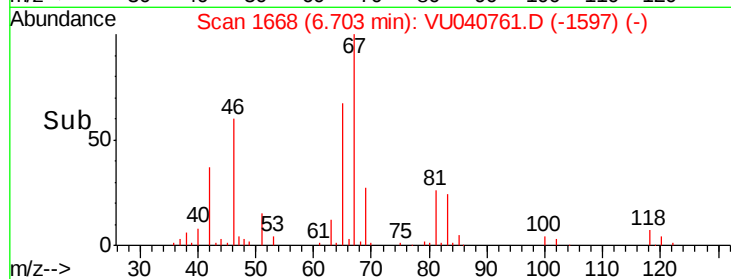
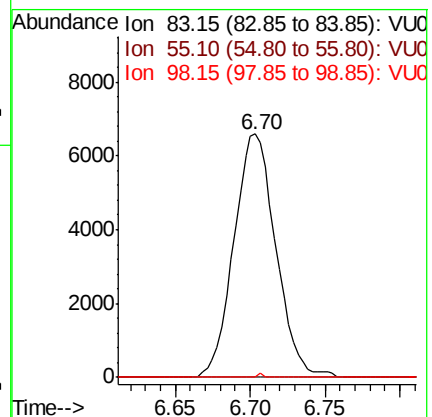
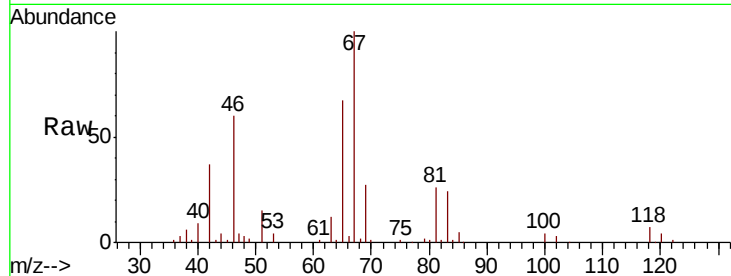




#35
Methvlcvclohexane
Concen: 0.857 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040761.D
Acq: 16 Oct 2020 20:56

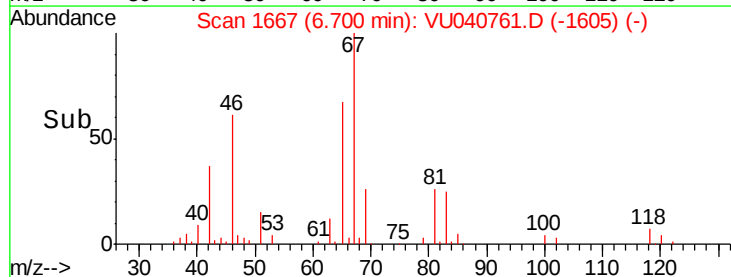
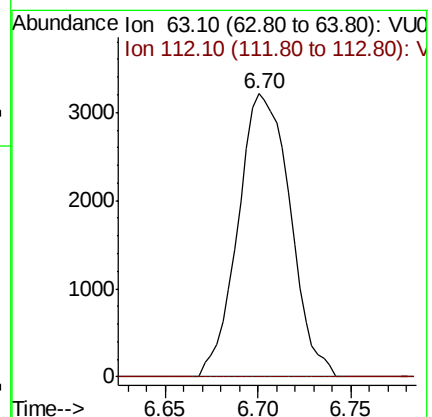
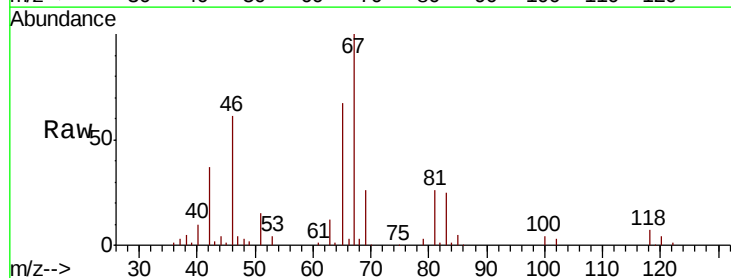
Instrument :
MSVOA_U
ClientSampleId :
VBLK31

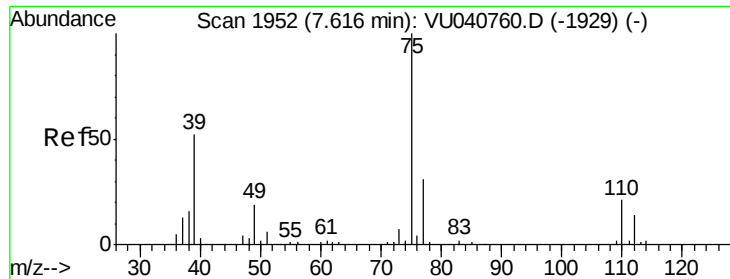
Tot Ion: 83 Resp: 12862
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.1 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040761.D
Acq: 16 Oct 2020 20:56

Tgt Ion: 63 Resp: 6276
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

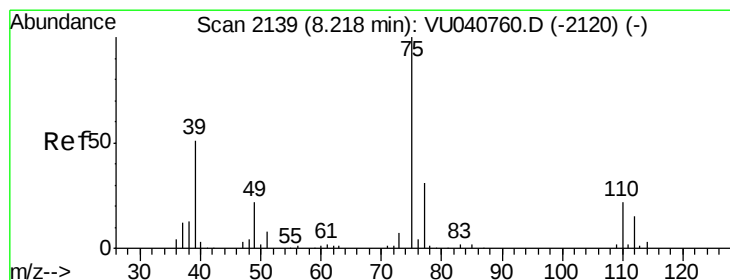
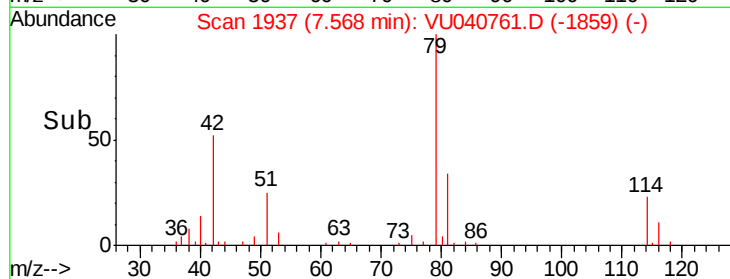
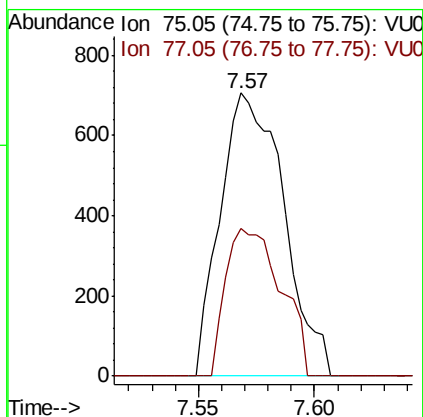
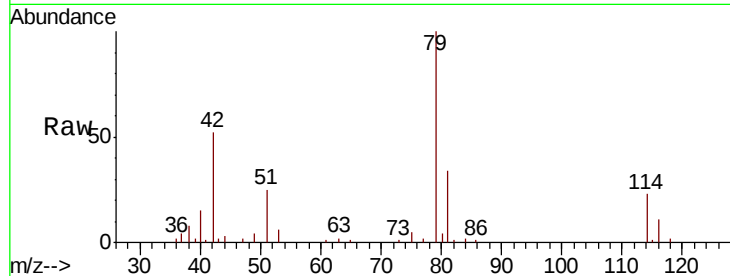




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040761.D
 Acq: 16 Oct 2020 20:56

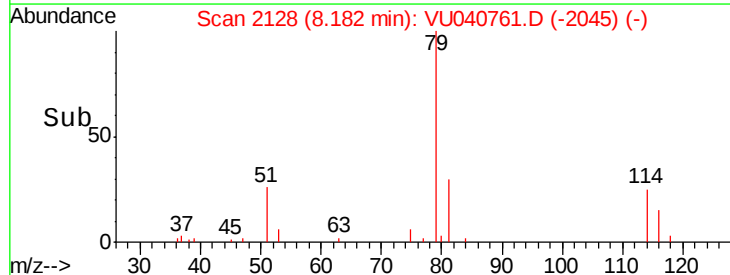
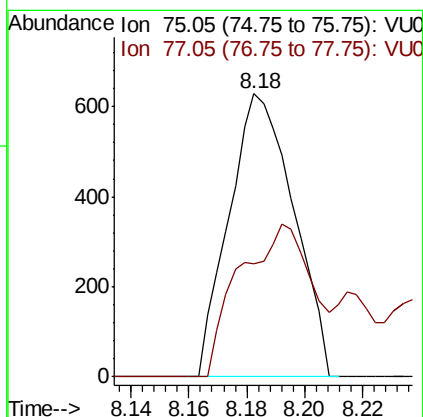
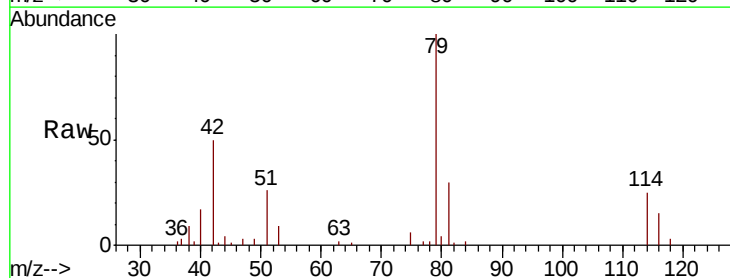
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK31

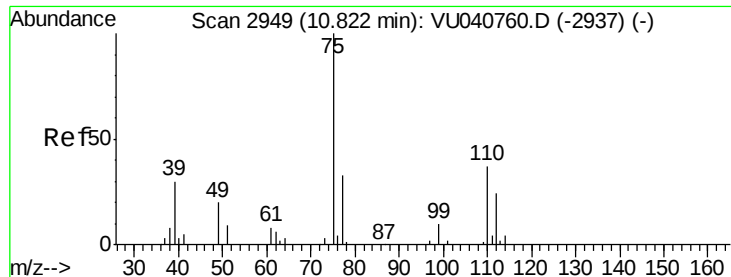
Tot Ion: 75 Resp: 1338
 Ion Ratio Lower Upper
 75 100
 77 52.0 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040761.D
 Acq: 16 Oct 2020 20:56

Tgt Ion: 75 Resp: 969
 Ion Ratio Lower Upper
 75 100
 77 40.0 20.4 38.0#





#59

1,2,3-Trichloropropane

Concen: 0.812 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040761.D

Acq: 16 Oct 2020 20:56

Instrument :

MSVOA_U

ClientSampleId :

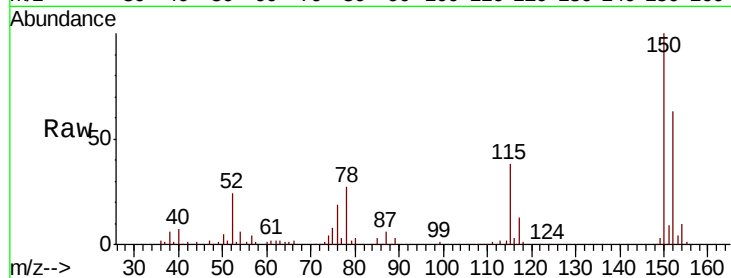
VBLK31

Tot Ion: 75 Resp: 6785

Ion Ratio Lower Upper

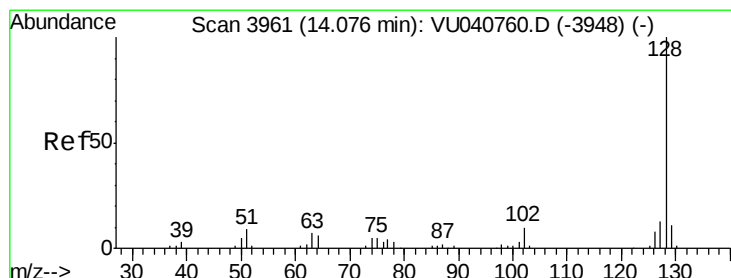
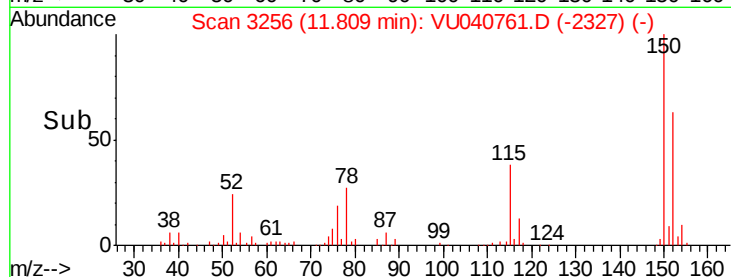
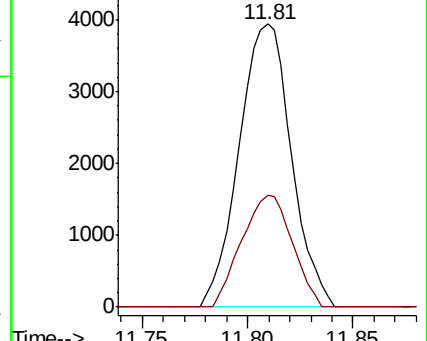
75 100

77 38.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040761.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VU040761.D (-3256) (-)



#69

Naphthalene

Concen: 0.050 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040761.D

Acq: 16 Oct 2020 20:56

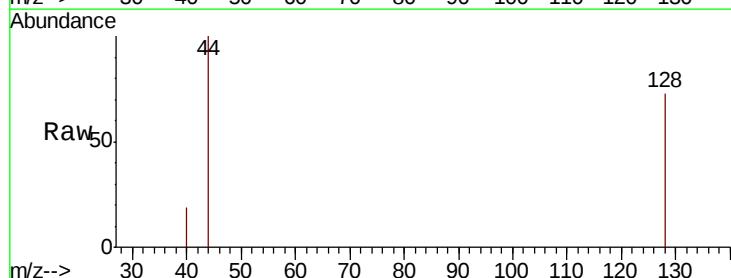
Tgt Ion: 128 Resp: 756

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 0.0 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): VU040761.D (-3962) (-)

Ion 129.00 (128.70 to 129.70): VU040761.D (-3962) (-)

Ion 127.00 (126.70 to 127.70): VU040761.D (-3962) (-)

