

Data File : VU041388.D
Acq On : 23 Nov 2020 15:16
Operator : SY/MD
Sample : VU1123WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK28

Quant Time: Nov 24 01:53:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23349	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.92	69	17746	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.57	63	37962	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.64	46	64464	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	5.08	84	47709	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	27357	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.74	84	80608	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	28952	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	78056	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.19	79	12356	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	40074	44.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	20559	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27283	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	262	0.051 ug/L #	21
12) 1,1-Dichloroethene	2.58	96	272	0.060 ug/L #	1
16) Methylene chloride	3.06	84	801	0.123 ug/L	90
25) Chloroform	5.11	83	2262	0.210 ug/L	100
27) 1,2-Dichloroethane	5.74	62	473	0.067 ug/L #	78
34) Trichloroethene	6.27	95	1291	0.229 ug/L #	8
35) Methylcyclohexane	6.70	83	7408	0.901 ug/L #	15
37) 1,2-Dichloropropane	6.71	63	3448	0.607 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	848	0.108 ug/L #	62
44) trans-1,3-Dichloropropene	8.18	75	671	0.094 ug/L #	80
48) 2-Hexanone	8.69	43	2673	1.046 ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	4237	1.142 ug/L #	83
63) 1,4-Dichlorobenzene	11.83	146	519	0.057 ug/L	80
67) 1,3,5-Trichlorobenzene	13.21	180	442	0.068 ug/L #	59
68) 1,2,4-trichlorobenzene	13.83	180	532	0.104 ug/L #	73
69) Naphthalene	14.08	128	953	0.119 ug/L #	69
70) 1,2,3-Trichlorobenzene	14.32	180	394	0.084 ug/L #	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\
Quantitation Report (Not Reviewed)

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK28

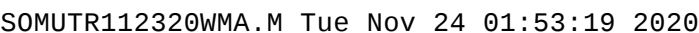
Quant Time: Nov 24 01:53:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

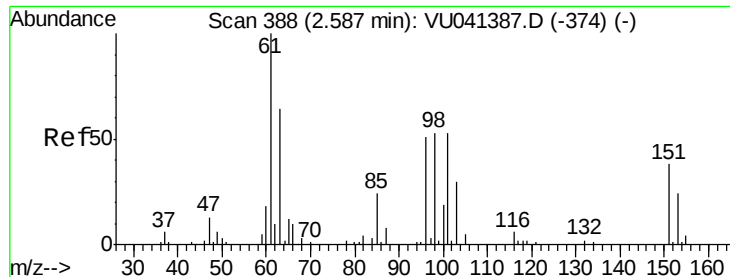
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Nov 24 01:53:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU041388.D

Acq: 23 Nov 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK28

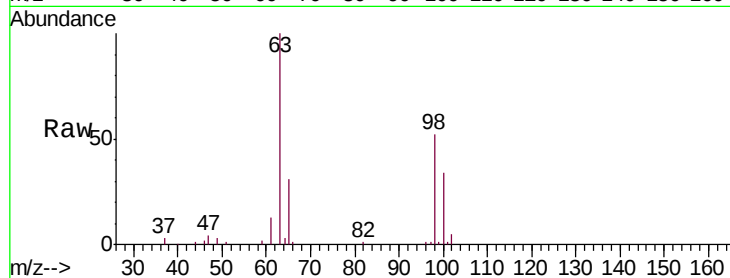
Tgt Ion: 101 Resp: 262

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

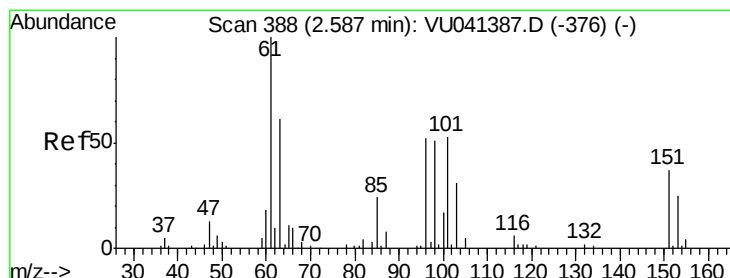
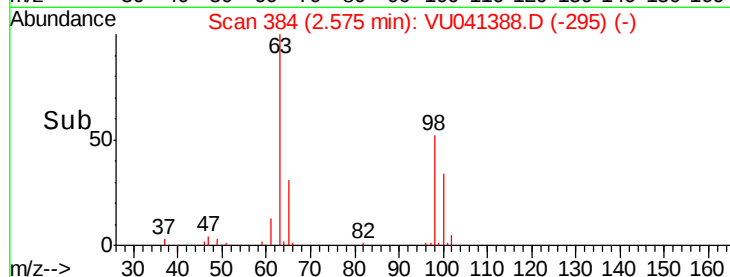
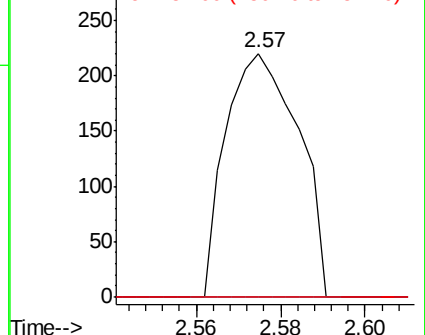
151 0.0 56.2 84.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041388.D

Acq: 23 Nov 2020 15:16

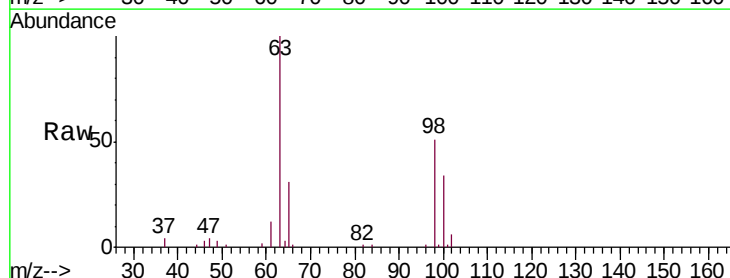
Tgt Ion: 96 Resp: 272

Ion Ratio Lower Upper

96 100

61 921.2 129.8 241.2#

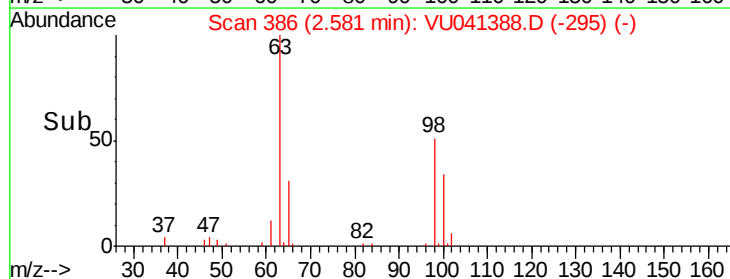
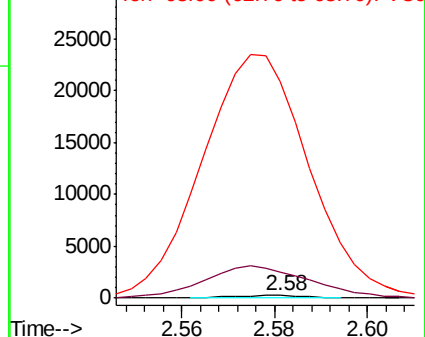
63 7646.7 79.2 147.0#

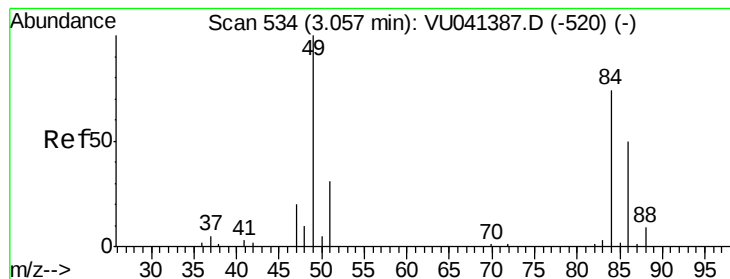


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#16

Methylene chloride

Concen: 0.123 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041388.D

Acq: 23 Nov 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK28

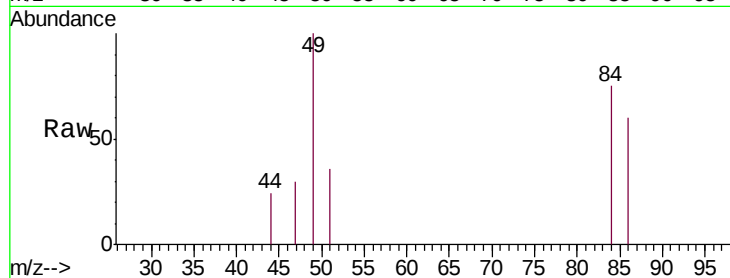
Tgt Ion: 84 Resp: 801

Ion Ratio Lower Upper

84 100

86 80.2 44.4 82.5

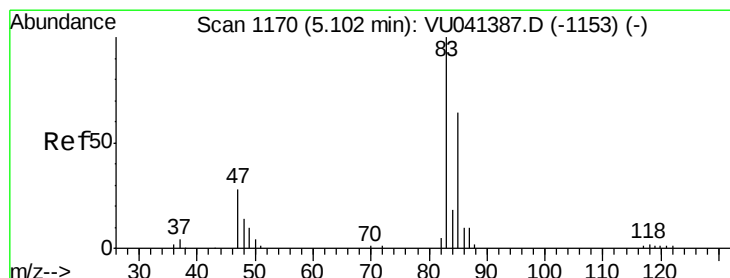
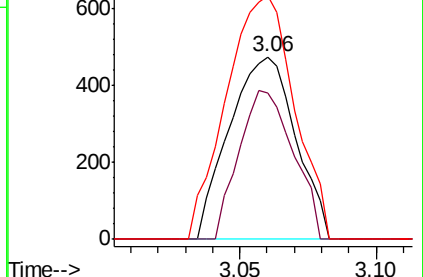
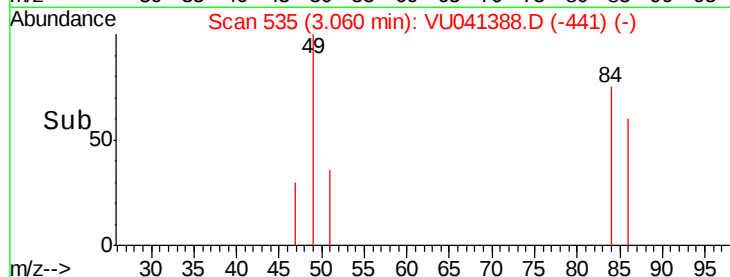
49 133.3 89.9 167.0



Abundance Ion 84.05 (83.75 to 84.75): VU041388.D (-441) (-)

Ion 86.00 (85.70 to 86.70): VU041388.D (-441) (-)

Ion 49.10 (48.80 to 49.80): VU041388.D (-441) (-)



#25

Chloroform

Concen: 0.210 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041388.D

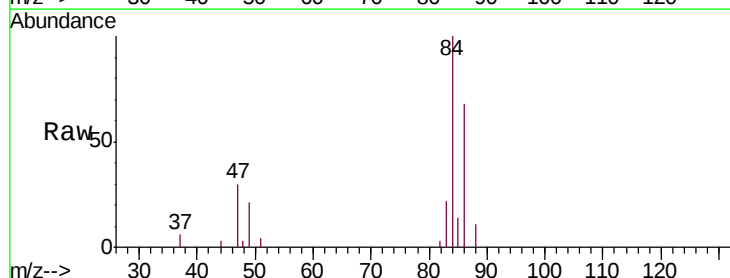
Acq: 23 Nov 2020 15:16

Tgt Ion: 83 Resp: 2262

Ion Ratio Lower Upper

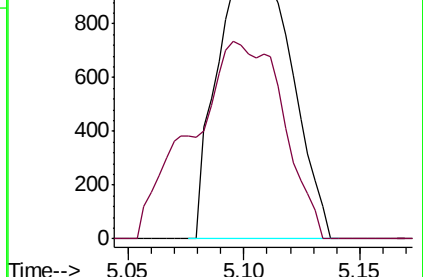
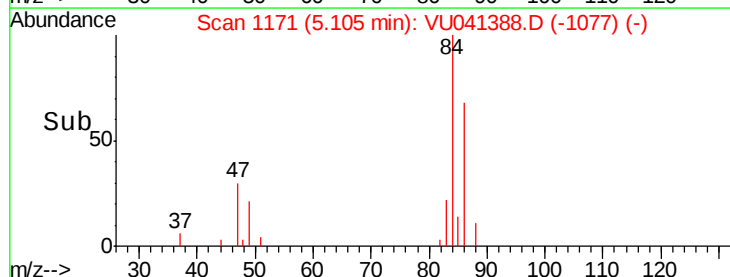
83 100

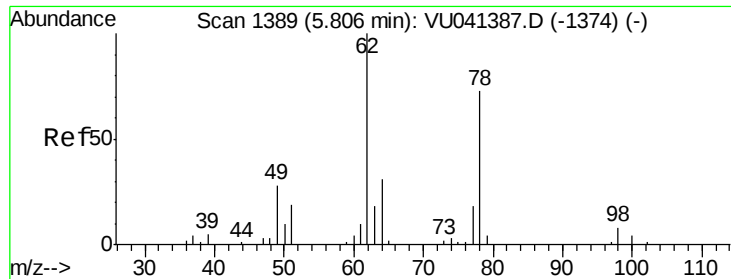
85 64.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU041388.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU041388.D (-1077) (-)

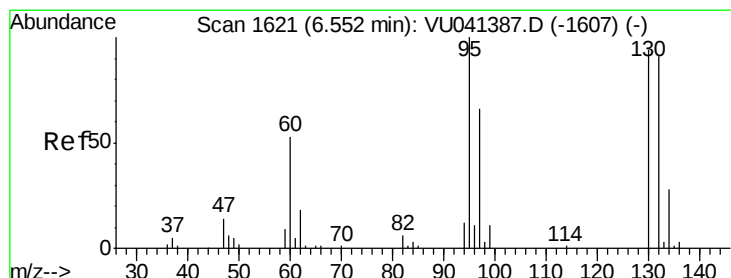
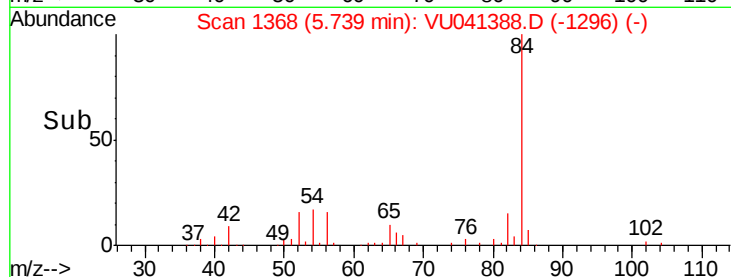
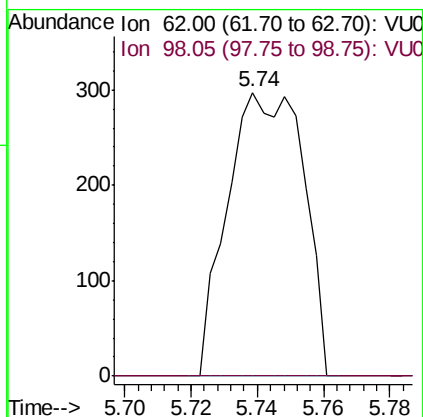
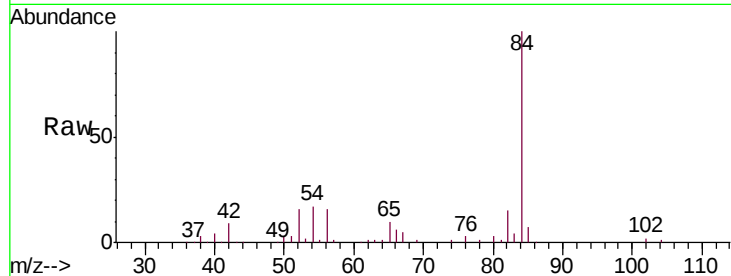




#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

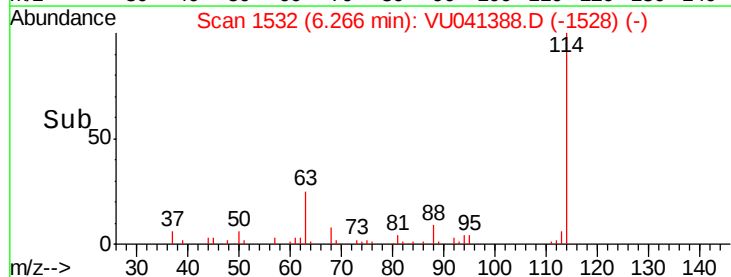
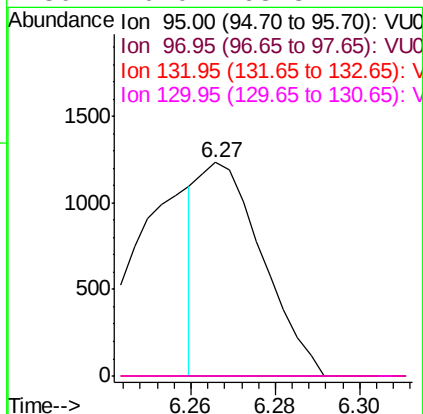
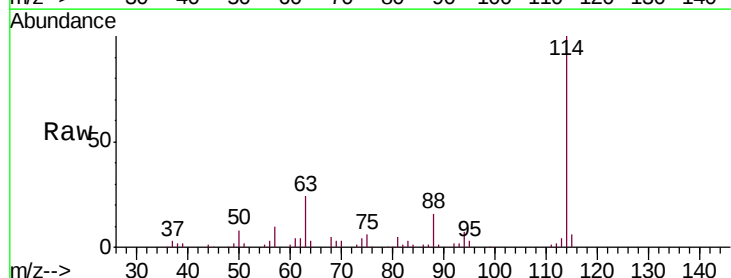
Instrument :
MSVOA_U
ClientSampleId :
VBLK28

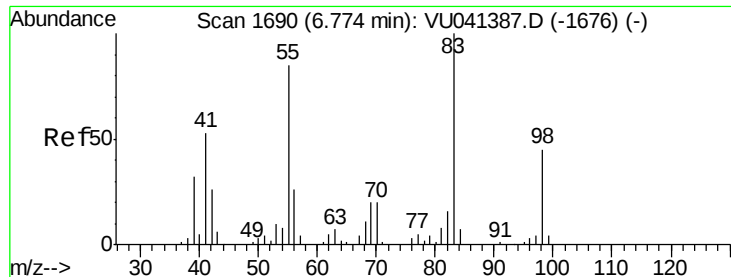
Tgt Ion: 62 Resp: 473
Ion Ratio Lower Upper
62 100
98 0.0 6.0 9.0#



#34
Trichloroethene
Concen: 0.229 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

Tgt Ion: 95 Resp: 1291
Ion Ratio Lower Upper
95 100
97 0.0 46.5 86.5#
132 0.0 60.8 113.0#
130 0.0 63.3 117.7#





#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041388.D

Acq: 23 Nov 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK28

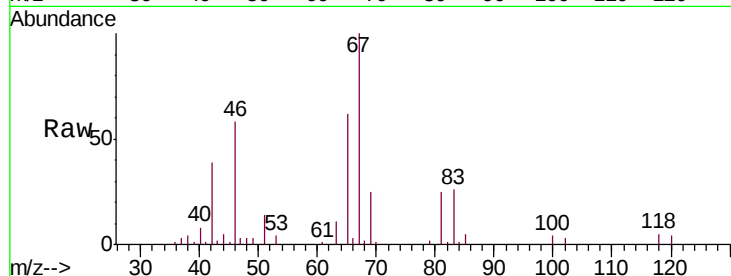
Tgt Ion: 83 Resp: 7408

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

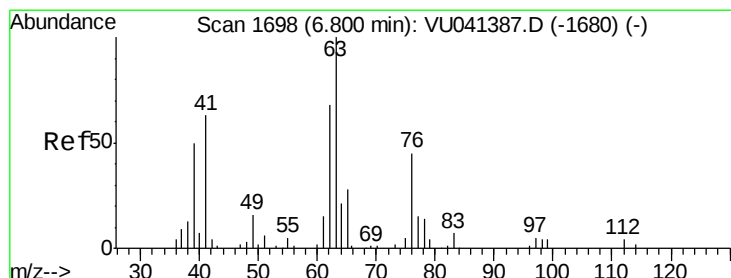
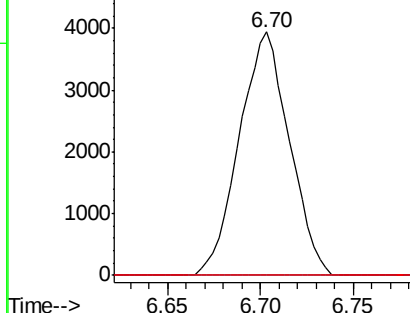
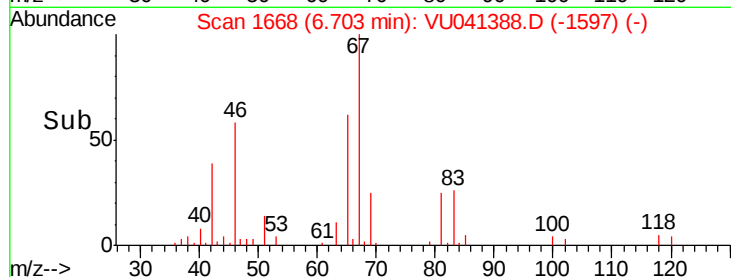
98 0.0 36.5 54.7#



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



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.09 min

Lab File: VU041388.D

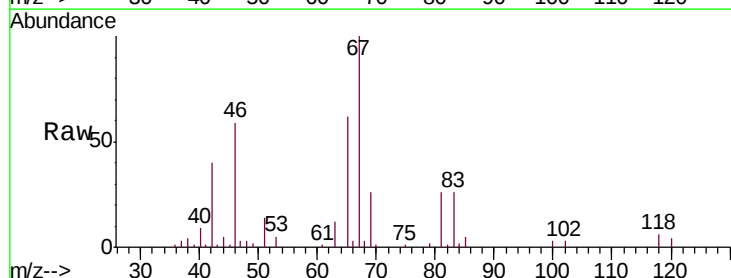
Acq: 23 Nov 2020 15:16

Tgt Ion: 63 Resp: 3448

Ion Ratio Lower Upper

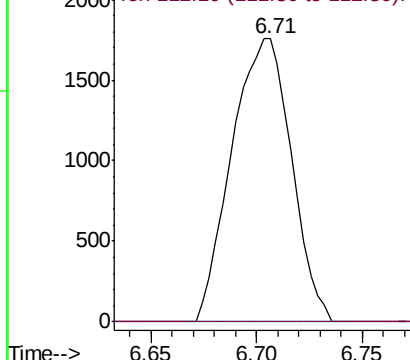
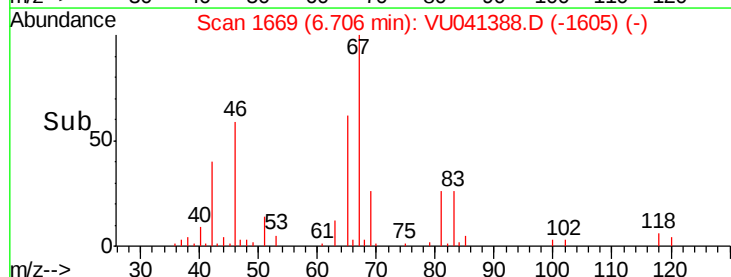
63 100

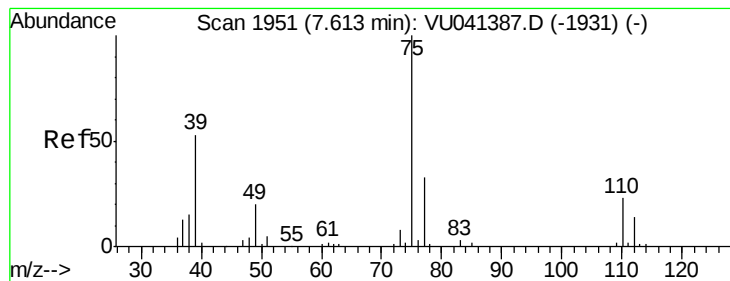
112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



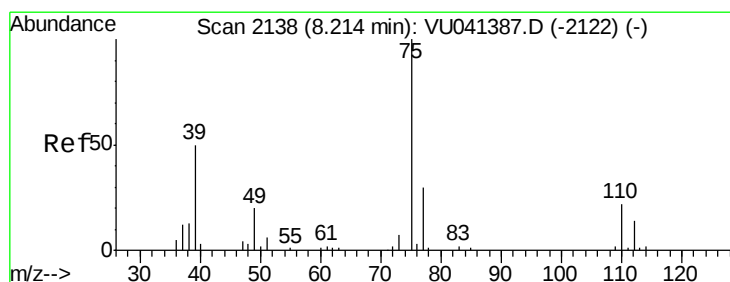
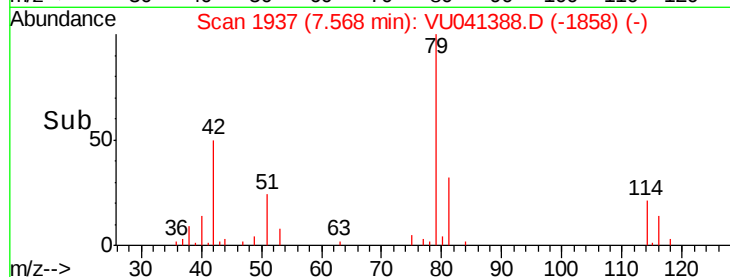
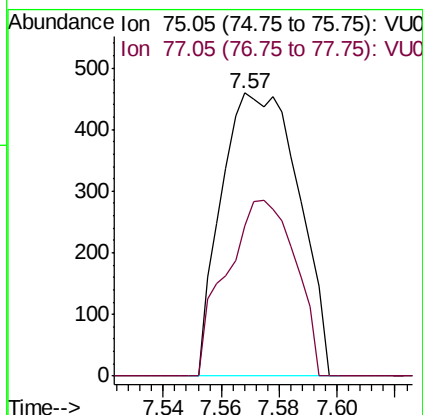
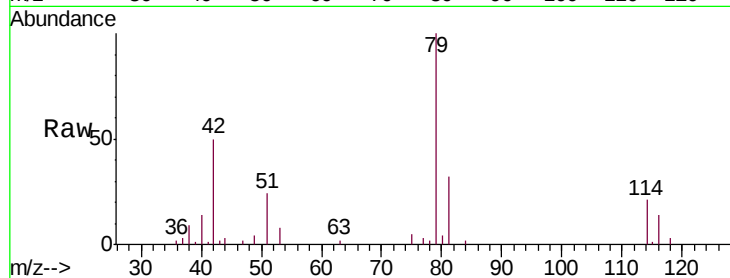


#39

cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

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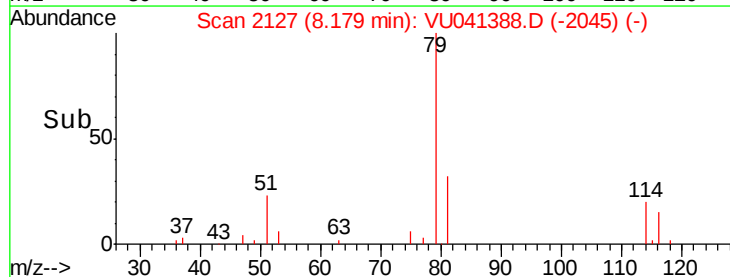
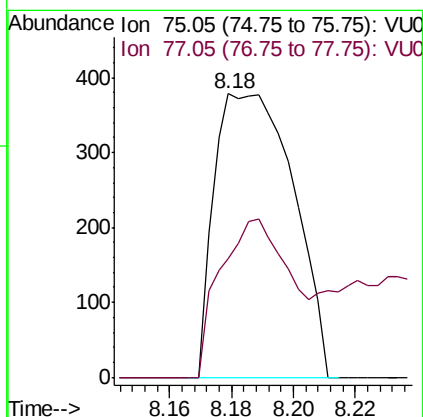
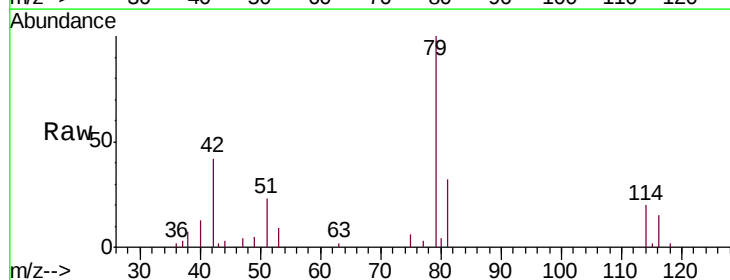
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 52.9 22.1 41.1#

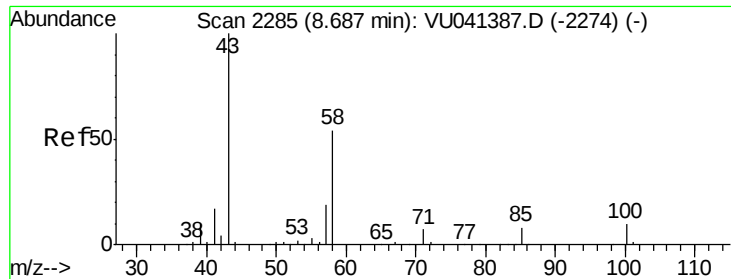


#44

trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

Tgt Ion: 75 Resp: 671
Ion Ratio Lower Upper
75 100
77 42.1 21.7 40.3#

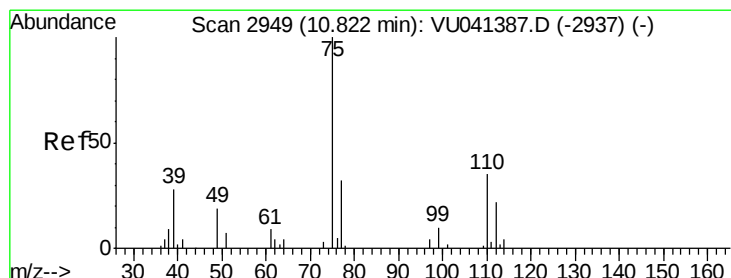
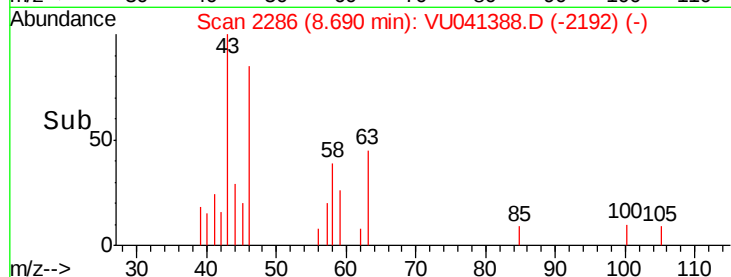
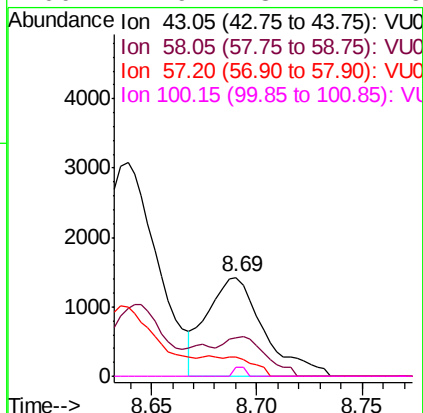
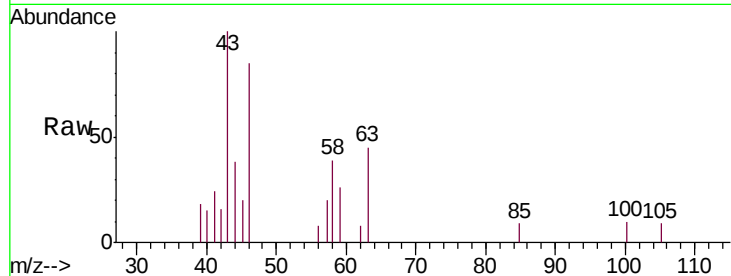




#48
2-Hexanone
Concen: 1.046 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

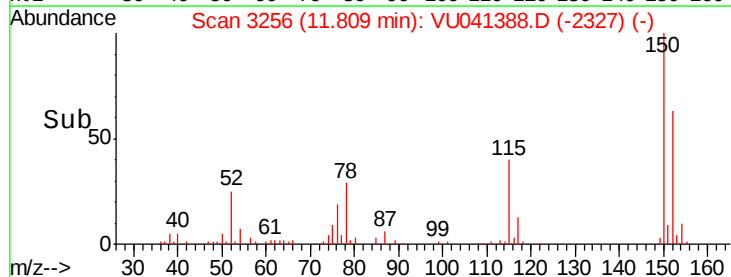
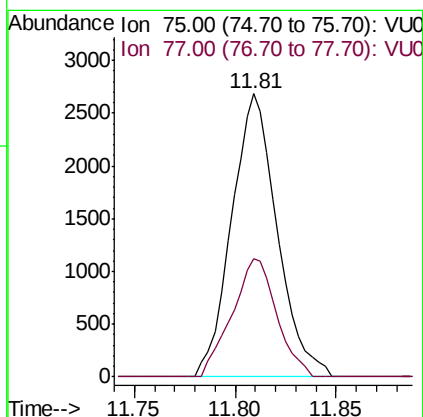
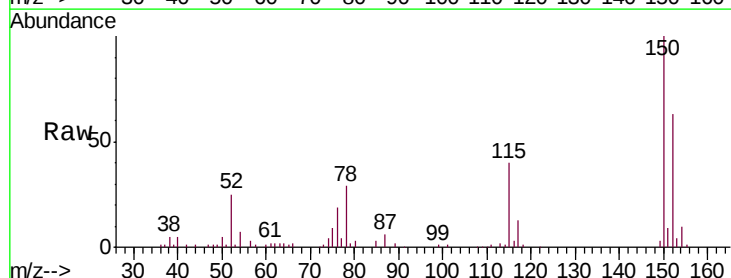
Instrument :
MSVOA_U
ClientSampleId :
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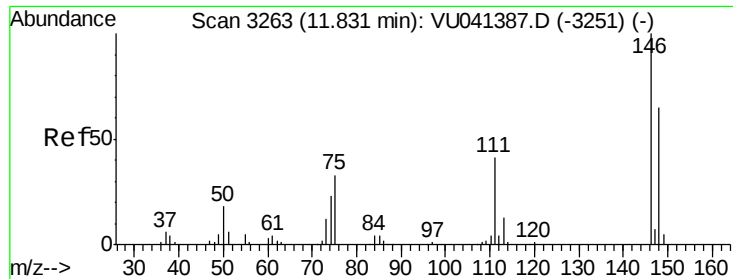
Tgt Ion: 43 Resp: 2673
Ion Ratio Lower Upper
43 100
58 29.6 42.0 63.0#
57 0.0 15.0 22.4#
100 1.9 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 1.142 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

Tgt Ion: 75 Resp: 4237
Ion Ratio Lower Upper
75 100
77 41.0 25.1 37.7#

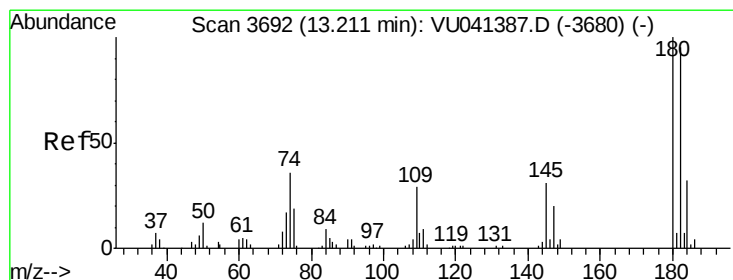
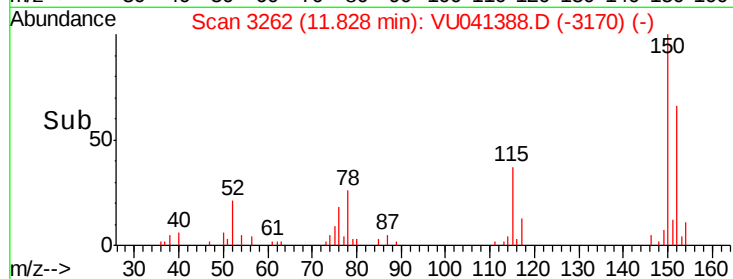
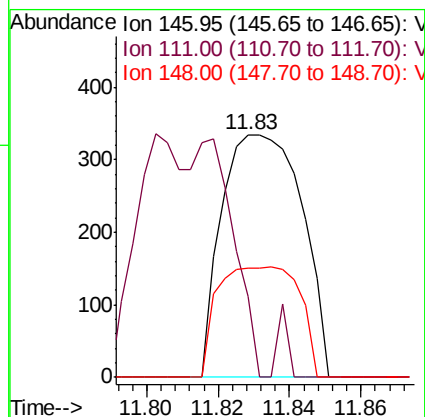
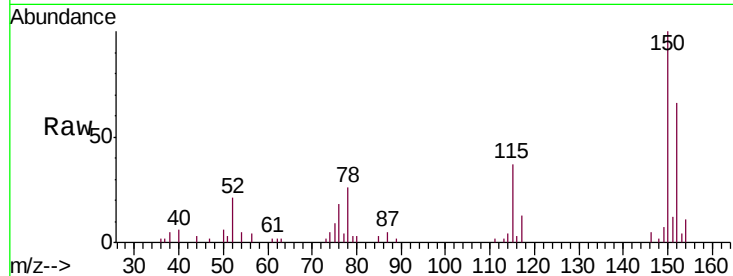




#63
 1,4-Dichlorobenzene
 Concen: 0.057 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: VU041388.D
 Acq: 23 Nov 2020 15:16

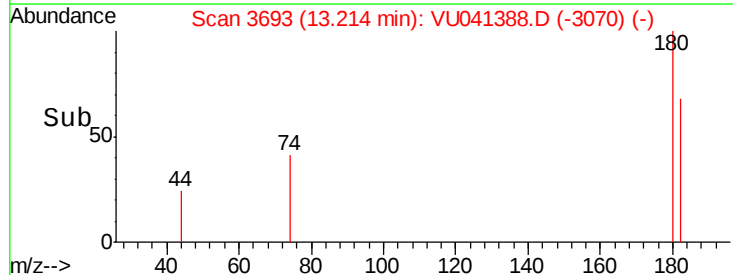
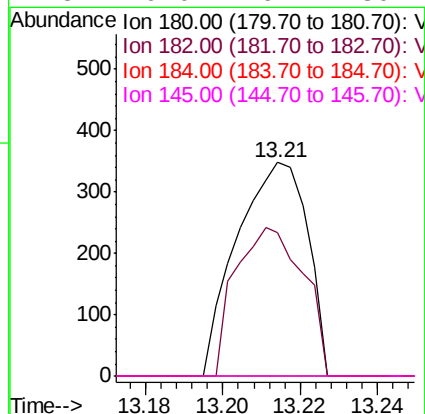
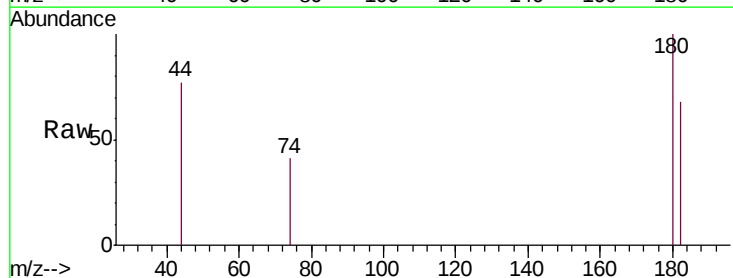
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK28

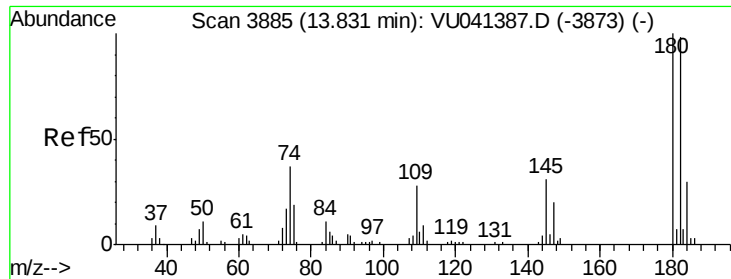
Tgt Ion:146 Resp: 519
 Ion Ratio Lower Upper
 146 100
 111 33.4 30.0 55.6
 148 45.1 44.4 82.5



#67
 1,3,5-Trichlorobenzene
 Concen: 0.068 ug/L
 RT: 13.21 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VU041388.D
 Acq: 23 Nov 2020 15:16

Tgt Ion:180 Resp: 442
 Ion Ratio Lower Upper
 180 100
 182 67.2 77.5 116.3#
 184 0.0 25.7 38.5#
 145 0.0 26.2 39.2#

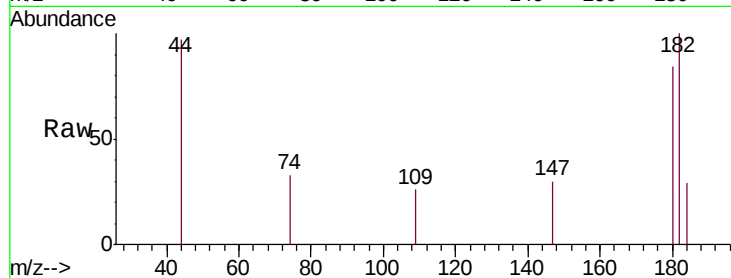




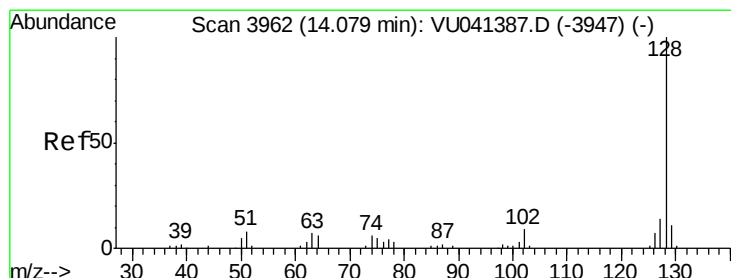
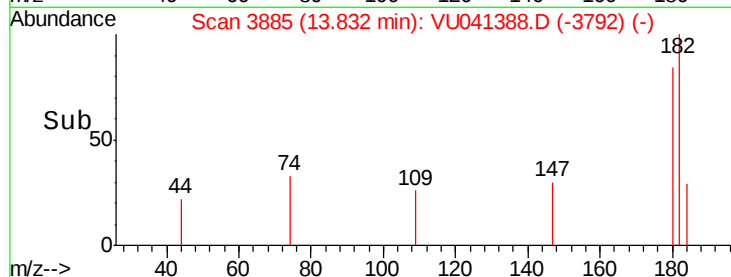
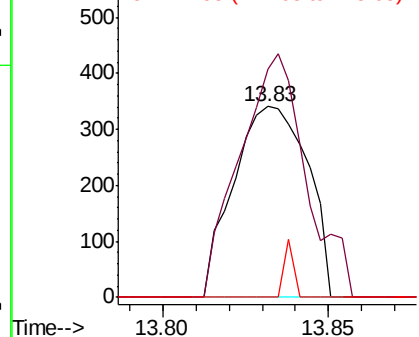
#68
 1,2,4-trichlorobenzene
 Concen: 0.104 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041388.D
 Acq: 23 Nov 2020 15:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK28

Tgt Ion:180 Resp: 532
 Ion Ratio Lower Upper
 180 100
 182 113.5 76.0 114.0
 145 3.8 25.7 38.5#

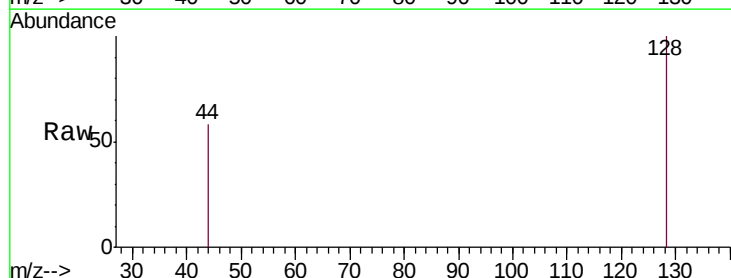


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

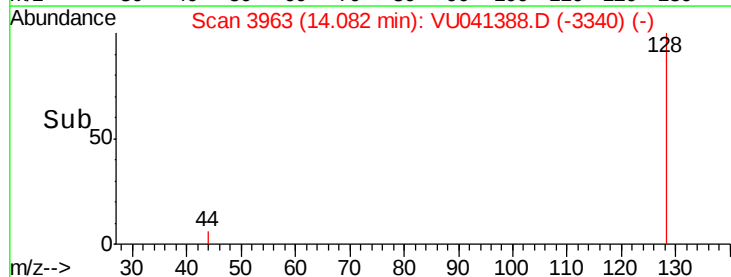
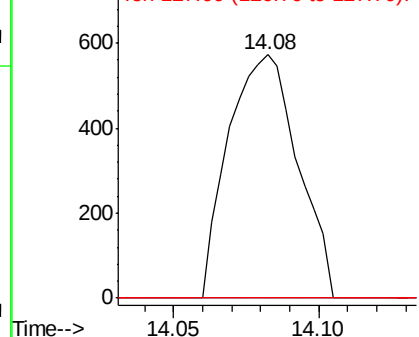


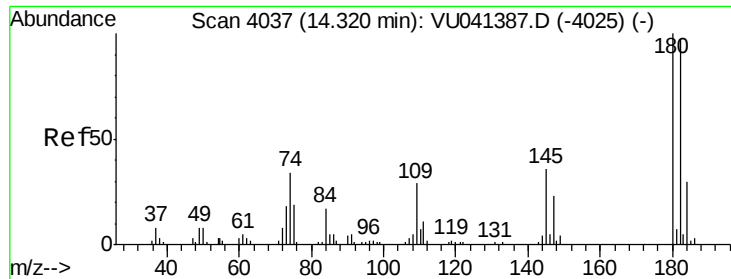
#69
 Naphthalene
 Concen: 0.119 ug/L
 RT: 14.08 min Scan# 3963
 Delta R.T. 0.00 min
 Lab File: VU041388.D
 Acq: 23 Nov 2020 15:16

Tgt Ion:128 Resp: 953
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 0.0 10.7 16.1#



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





#70

1,2,3-Trichlorobenzene

Concen: 0.084 ug/L

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU041388.D

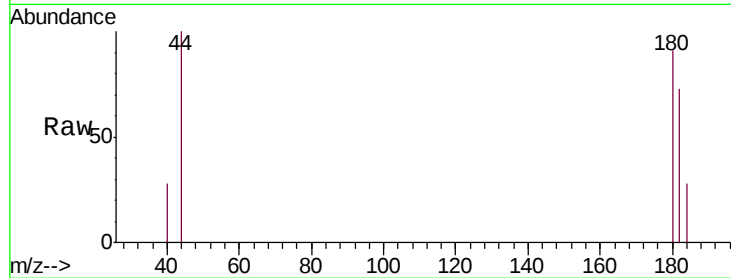
Acq: 23 Nov 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK28



Tgt Ion:	180	Resp:	394
Ion	Ratio	Lower	Upper
180	100		
182	121.8	75.9	113.9#
145	0.0	27.7	41.5#

