

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040674.D
 Acq On : 13 Oct 2020 11:42
 Operator : SY/MD
 Sample : VU1013WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK27

Quant Time: Oct 14 06:04:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119142	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43053	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.92	69	38673	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	68631	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	177154	57.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	5.08	84	90444	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.72	65	55442	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.74	84	161800	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	56446	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.91	98	127212	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	21168	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	118975	51.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49558	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50254	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

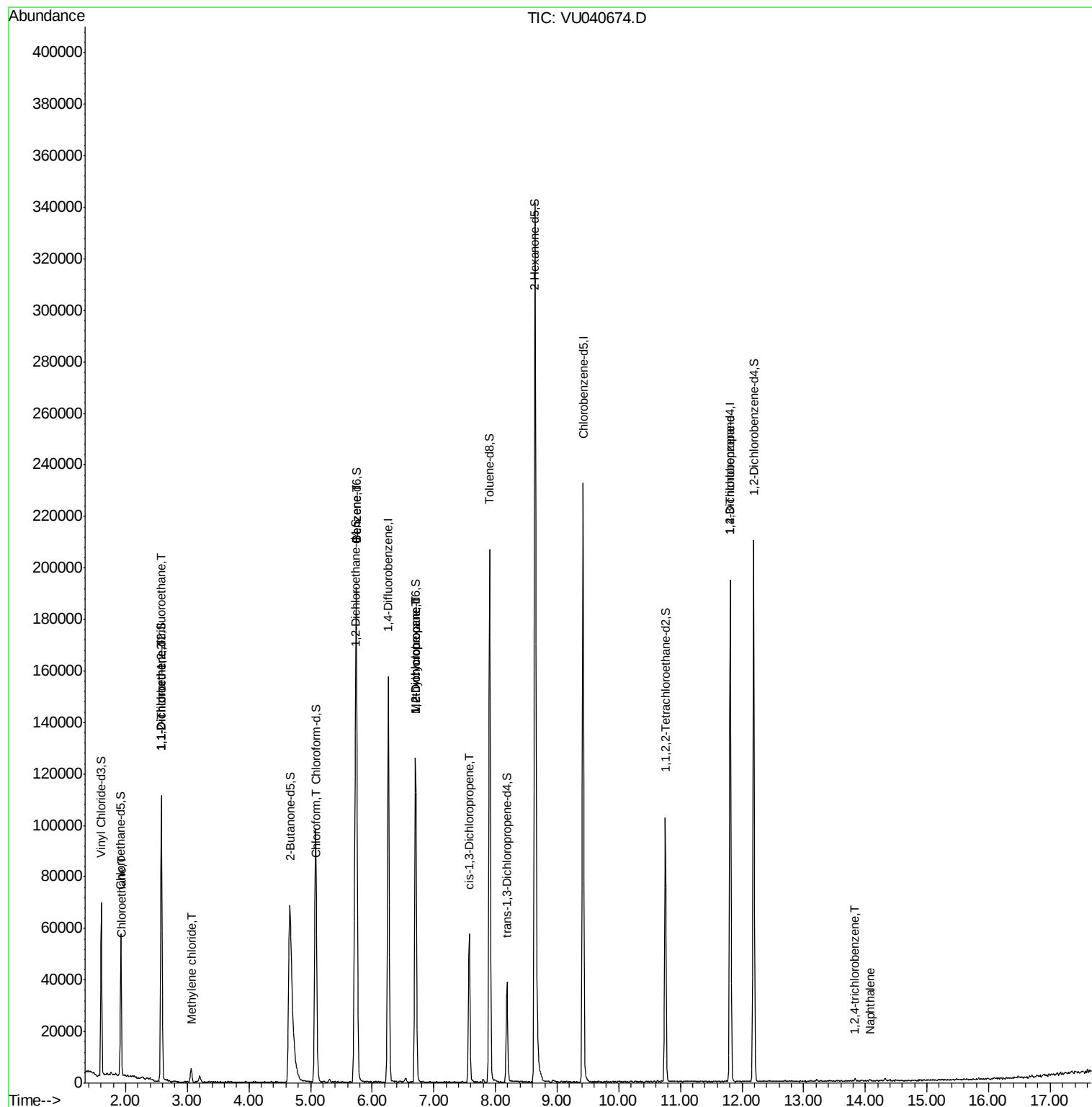
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	387	0.059	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	573	0.059	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	463	0.056	ug/L #	1
16) Methylene chloride	3.06	84	2268	0.213	ug/L	95
25) Chloroform	5.11	83	3345	0.182	ug/L	80
33) Benzene	5.74	78	1258	0.033	ug/L	100
35) Methylcyclohexane	6.70	83	13512	0.960	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6519	0.611	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1257	0.086	ug/L #	51
59) 1,2,3-Trichloropropane	11.81	75	6819	0.870	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	486	0.055	ug/L #	50
69) Naphthalene	14.08	128	866	0.059	ug/L #	69

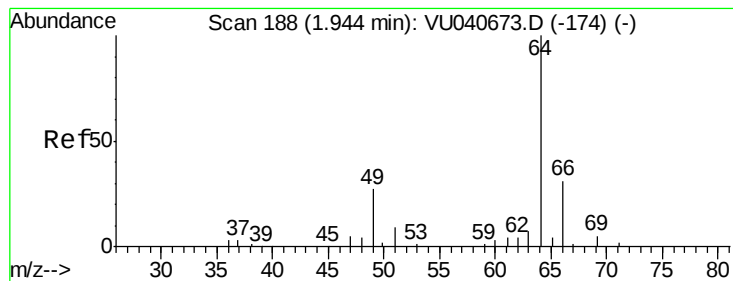
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.059 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040674.D

Acq: 13 Oct 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

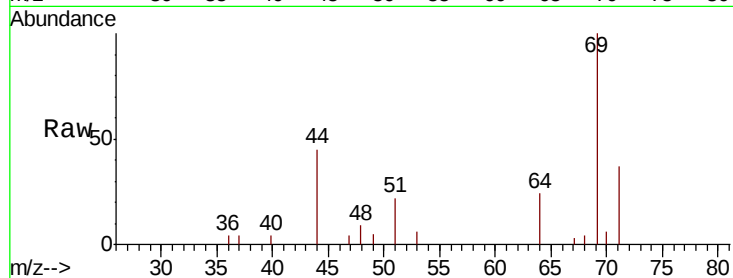
VBLK27

Tot Ion: 64 Resp: 387

Ion Ratio Lower Upper

64 100

66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

800

600

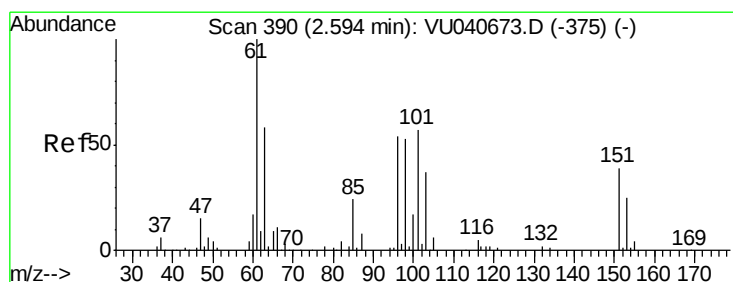
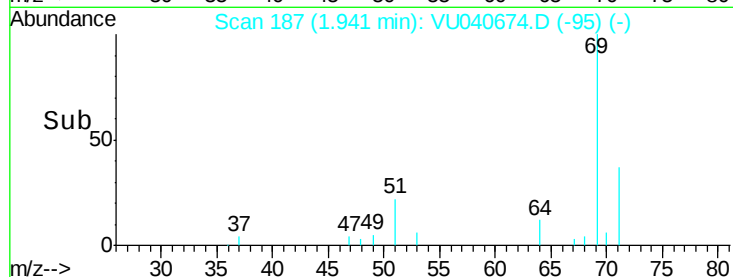
400

200

0

1.92 1.93 1.94 1.95 1.96

Time-->



#10

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

Concen: 0.059 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040674.D

Acq: 13 Oct 2020 11:42

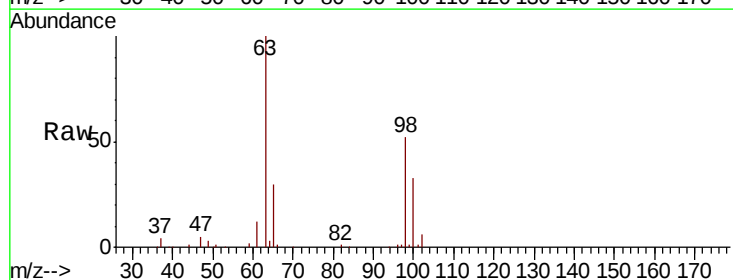
Tgt Ion: 101 Resp: 573

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



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

2.58

600

500

400

300

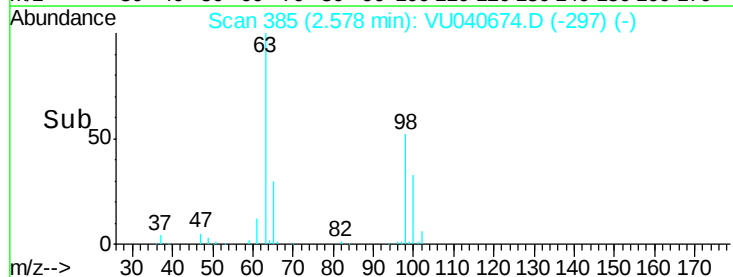
200

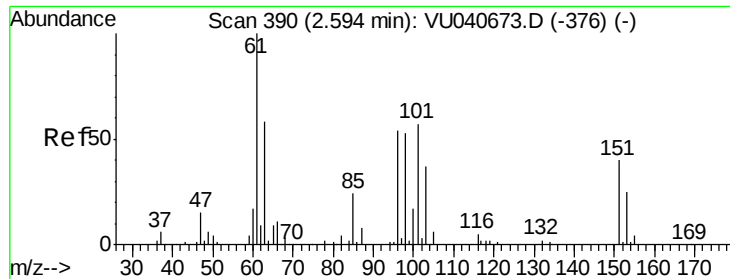
100

0

2.54 2.56 2.58 2.60 2.62

Time-->





#12

1,1-Dichloroethene

Concen: 0.056 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040674.D

Acq: 13 Oct 2020 11:42

Instrument :

MSVOA_U

ClientSampled :

VBLK27

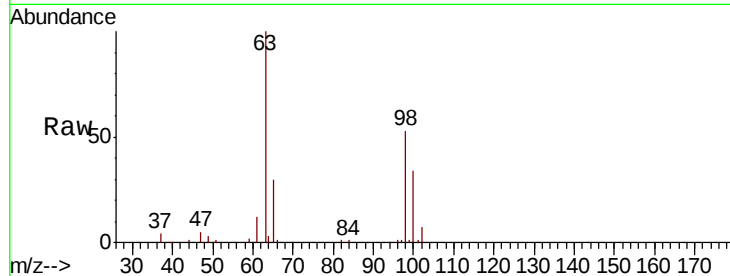
Tot Ion: 96 Resp: 463

Ion Ratio Lower Upper

96 100

61 1230.4 128.8 239.2#

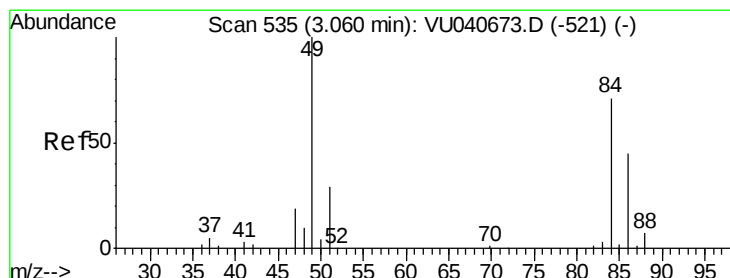
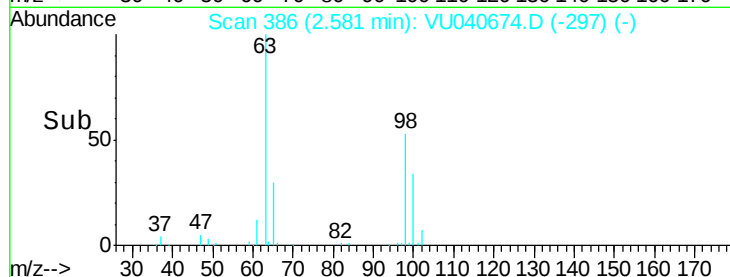
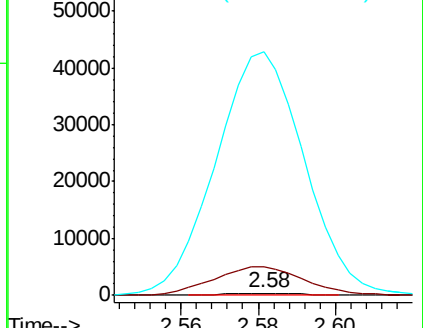
63 10598.0 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU040674.D (-386) (-)

Ion 61.05 (60.75 to 61.75): VU040674.D (-386) (-)

Ion 63.00 (62.70 to 63.70): VU040674.D (-386) (-)



#16

Methylene chloride

Concen: 0.213 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040674.D

Acq: 13 Oct 2020 11:42

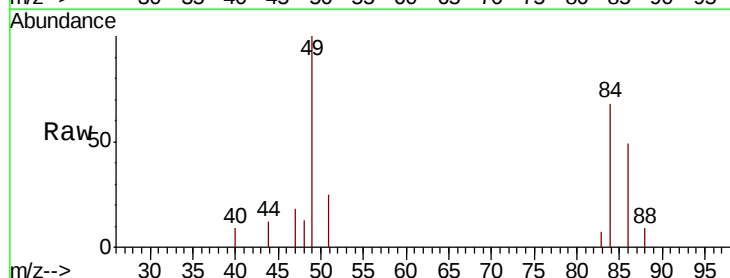
Tgt Ion: 84 Resp: 2268

Ion Ratio Lower Upper

84 100

86 72.3 45.4 84.4

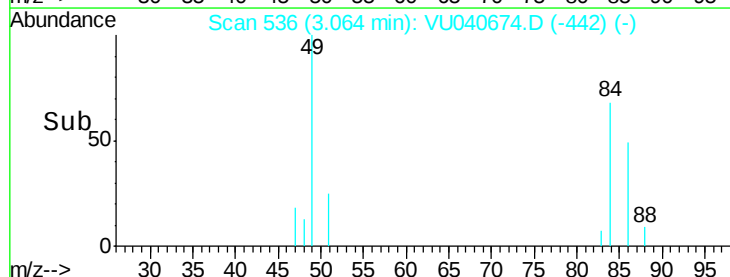
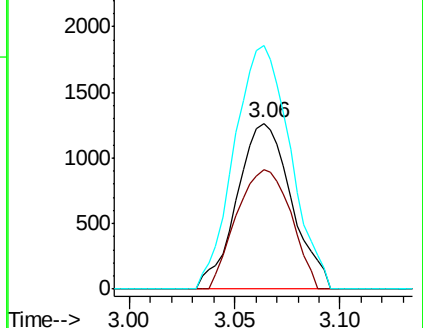
49 146.8 99.8 185.3

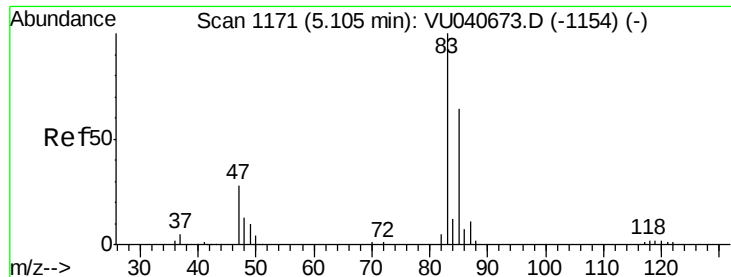


Abundance Ion 84.05 (83.75 to 84.75): VU040674.D (-536) (-)

Ion 86.00 (85.70 to 86.70): VU040674.D (-536) (-)

Ion 49.10 (48.80 to 49.80): VU040674.D (-536) (-)

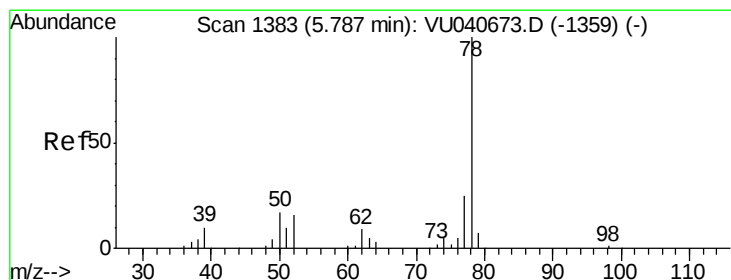
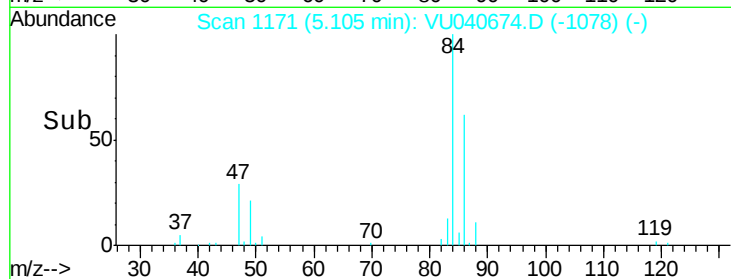
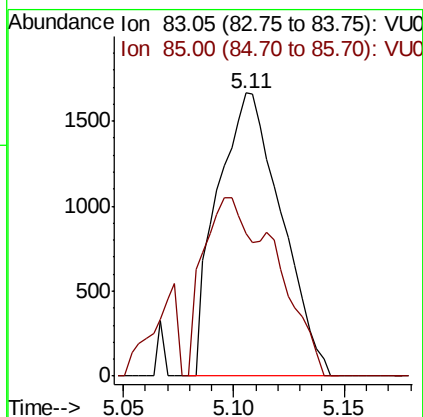
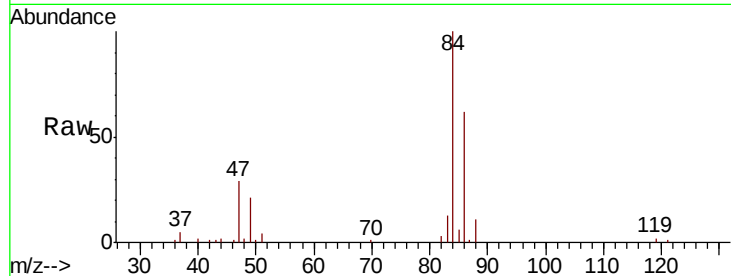




#25
Chloroform
Concen: 0.182 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040674.D
Acq: 13 Oct 2020 11:42

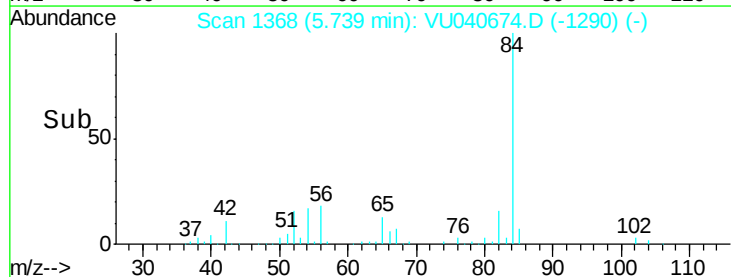
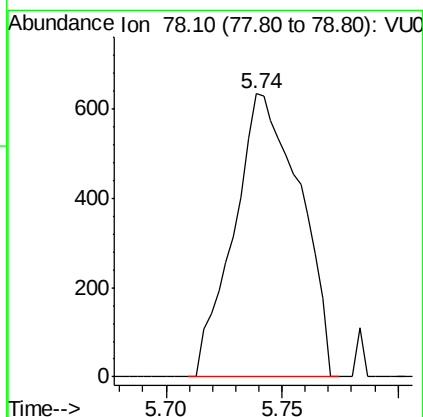
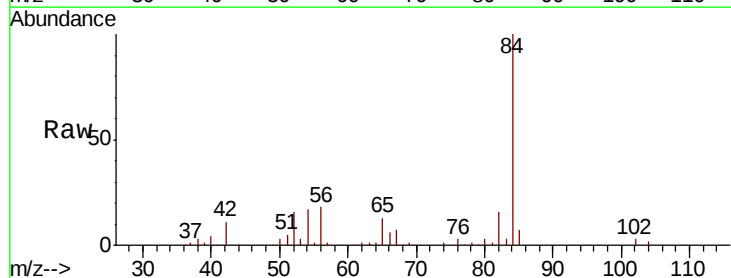
Instrument :
MSVOA_U
ClientSampleId :
VBLK27

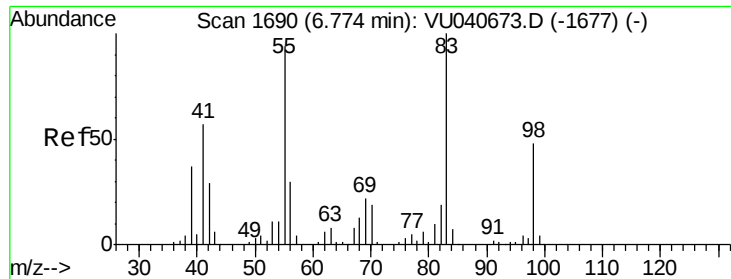
Tot Ion: 83 Resp: 3345
Ion Ratio Lower Upper
83 100
85 50.4 46.5 86.5



#33
Benzene
Concen: 0.033 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU040674.D
Acq: 13 Oct 2020 11:42

Tgt Ion: 78 Resp: 1258

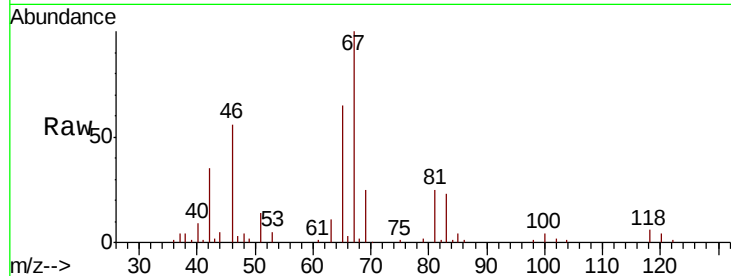




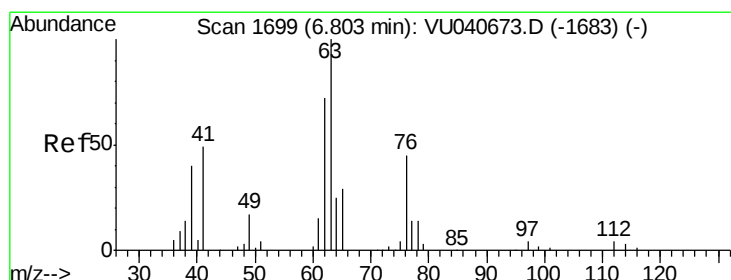
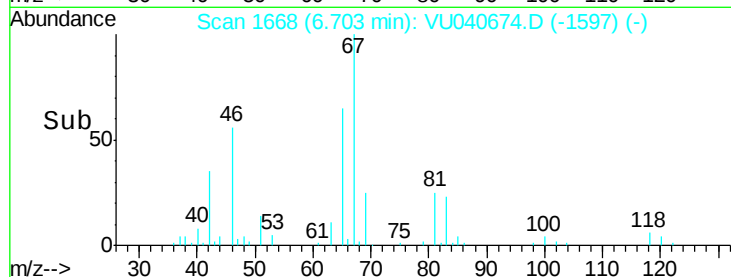
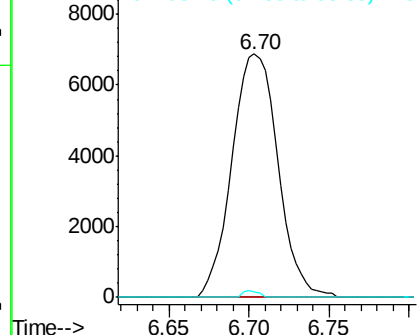
#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040674.D
Acq: 13 Oct 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
VBLK27

Tot Ion: 83 Resp: 13512
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.9 38.4 57.6#

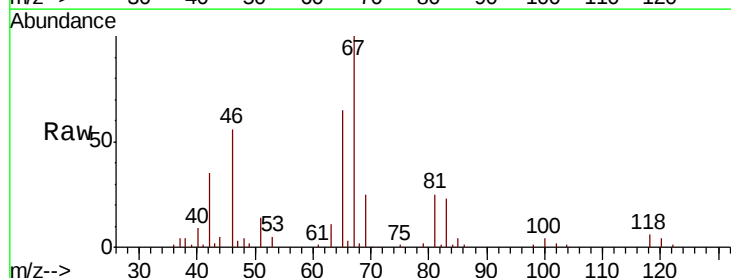


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

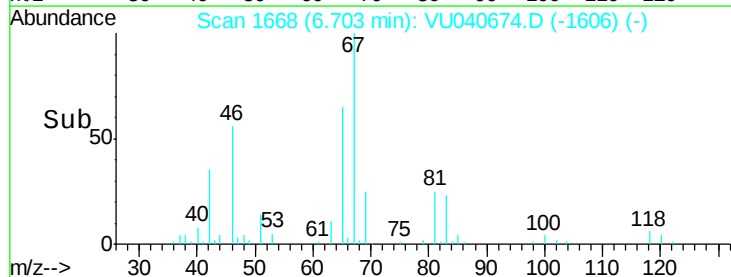
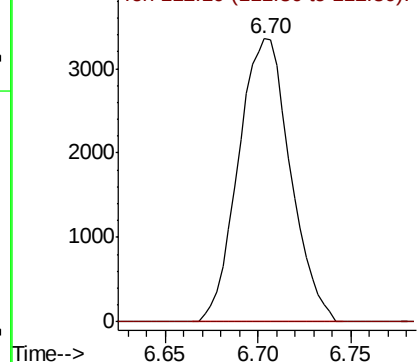


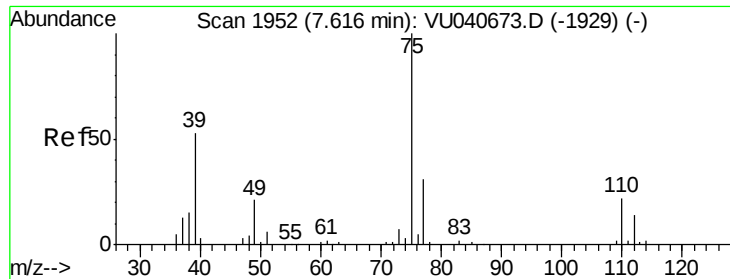
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040674.D
Acq: 13 Oct 2020 11:42

Tgt Ion: 63 Resp: 6519
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

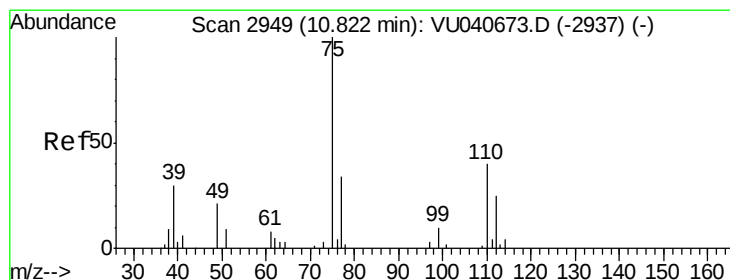
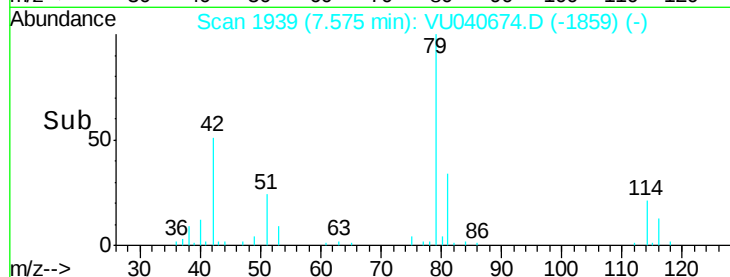
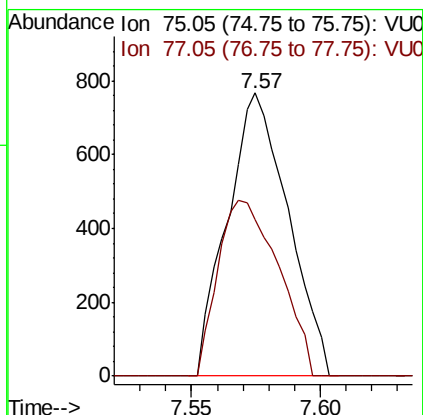
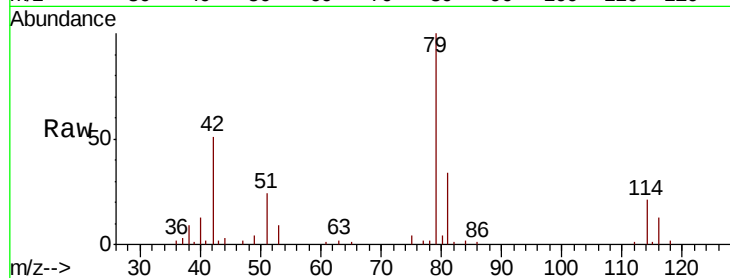




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040674.D
 Acq: 13 Oct 2020 11:42

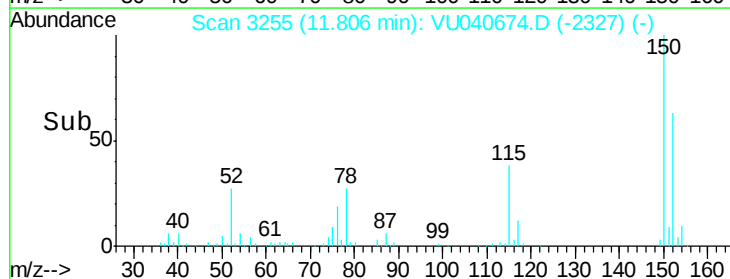
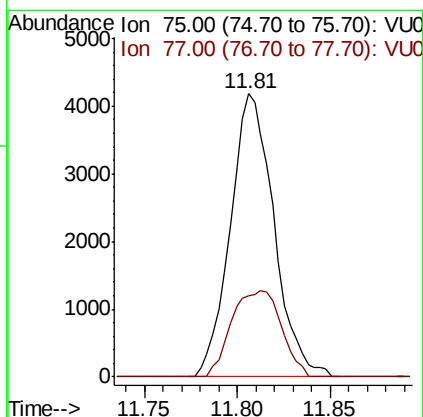
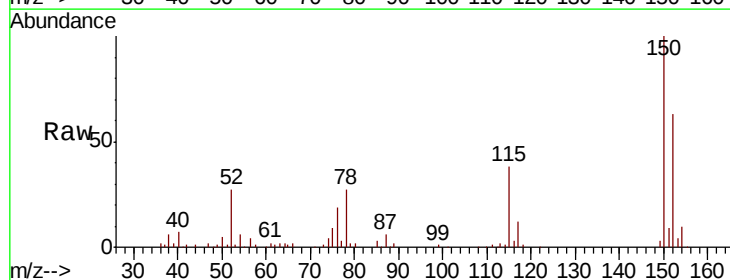
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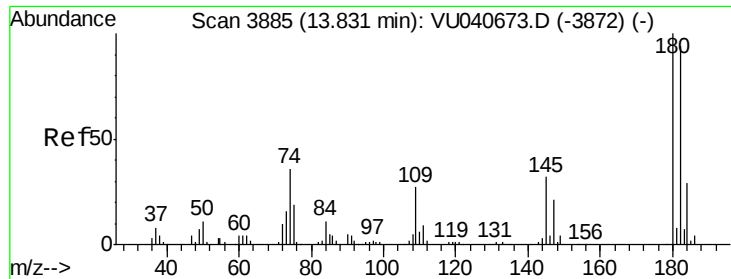
Tot Ion: 75 Resp: 1257
 Ion Ratio Lower Upper
 75 100
 77 55.4 20.5 38.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.870 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040674.D
 Acq: 13 Oct 2020 11:42

Tgt Ion: 75 Resp: 6819
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.4 39.6

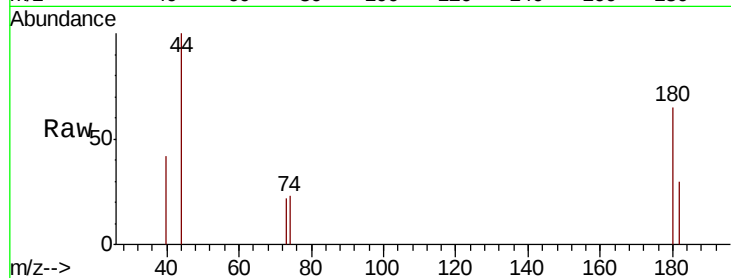




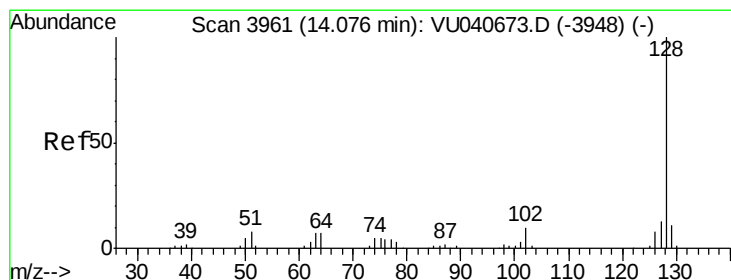
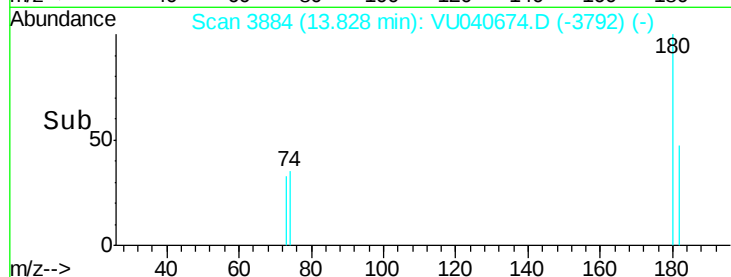
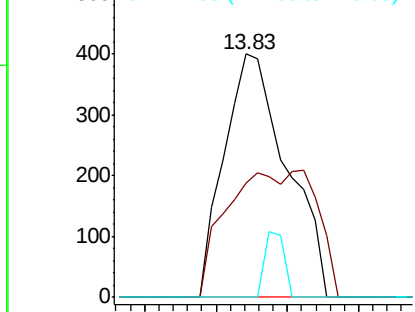
#68
 1,2,4-trichlorobenzene
 Concen: 0.055 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040674.D
 Acq: 13 Oct 2020 11:42

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK27

Tot Ion:180 Resp: 486
 Ion Ratio Lower Upper
 180 100
 182 47.3 78.8 118.2#
 145 8.2 26.1 39.1#

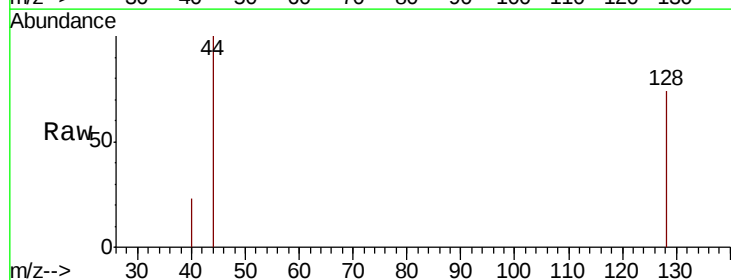


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#69
 Naphthalene
 Concen: 0.059 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU040674.D
 Acq: 13 Oct 2020 11:42

Tgt Ion:128 Resp: 866
 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): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

