

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040793.D
 Acq On : 19 Oct 2020 10:39
 Operator : SY/MD
 Sample : VU1019WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK03

Quant Time: Oct 20 01:35:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49034	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	41075	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.58	63	77426	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	161784	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	5.08	84	86795	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	56078	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.75	84	170648	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	57146	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.91	98	137129	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	22904	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	116344	47.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49127	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	51102	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

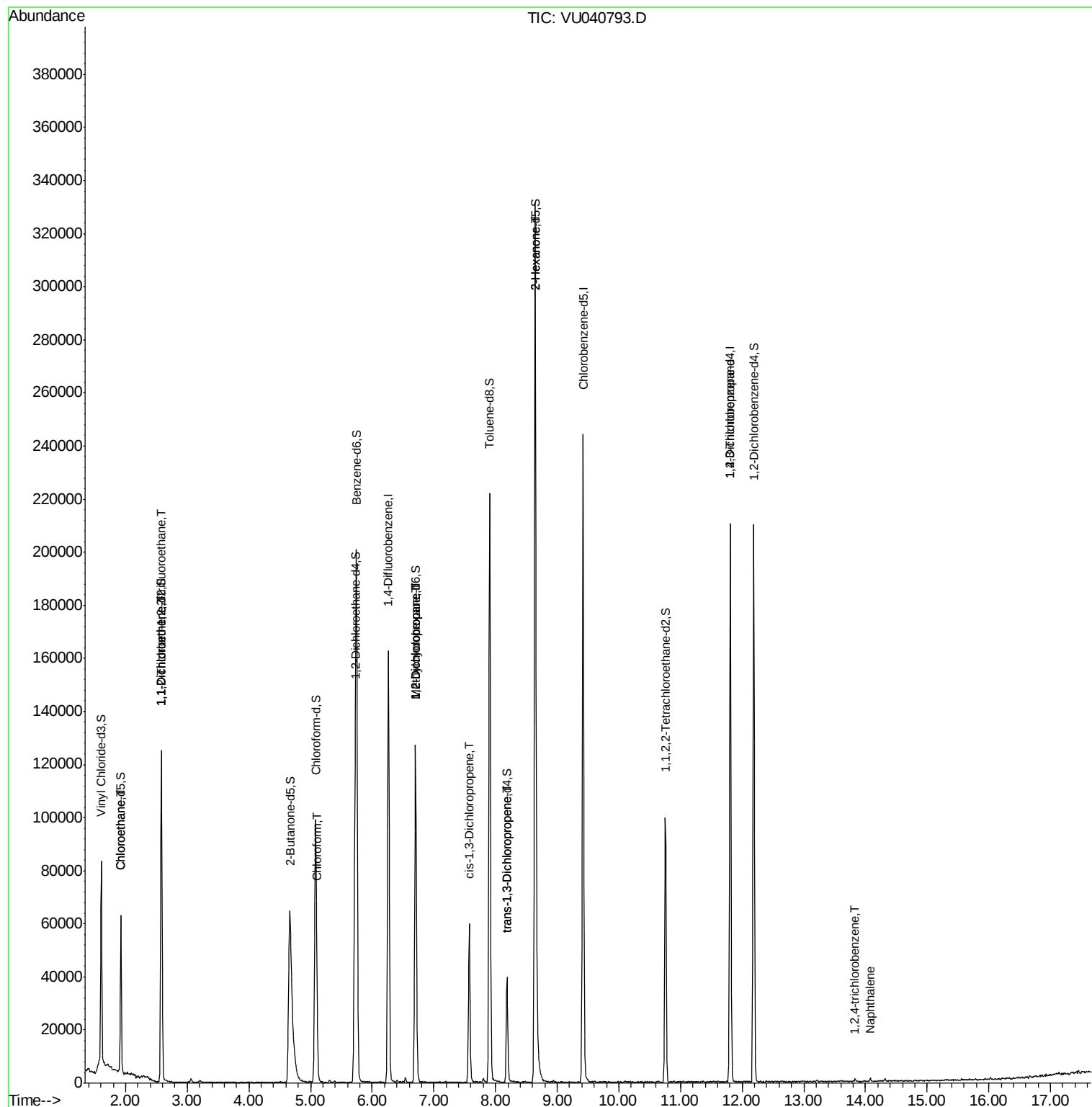
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	515	0.074	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	547	0.054	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	571	0.065	ug/L #	1
25) Chloroform	5.11	83	5160	0.267	ug/L	93
35) Methylcyclohexane	6.70	83	13226	0.890	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6592	0.586	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1558	0.101	ug/L #	83
44) trans-1,3-Dichloropropene	8.19	75	1058	0.075	ug/L #	64
48) 2-Hexanone	8.65	43	16373	2.450	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6837	0.827	ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	441	0.047	ug/L #	70
69) Naphthalene	14.08	128	1100	0.072	ug/L #	77

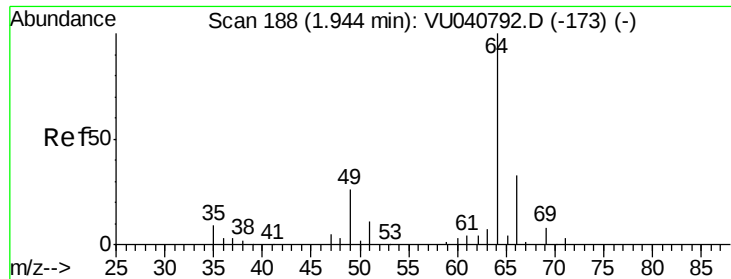
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.074 ug/L

RT: 1.93 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU040793.D

Acq: 19 Oct 2020 10:39

Instrument :

MSVOA_U

ClientSampleId :

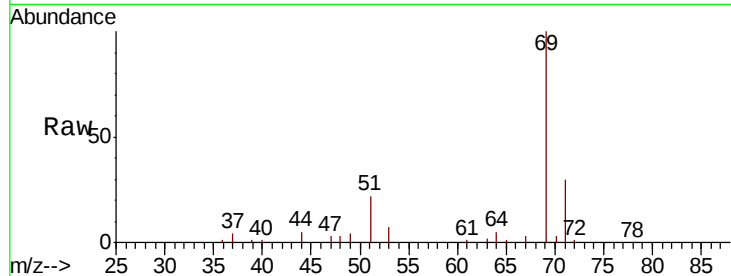
VBLK03

Tot Ion: 64 Resp: 515

Ion Ratio Lower Upper

64 100

66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU040792.D (-173) (-)

Ion 66.05 (65.75 to 66.75): VU040792.D (-173) (-)

1.93

1500

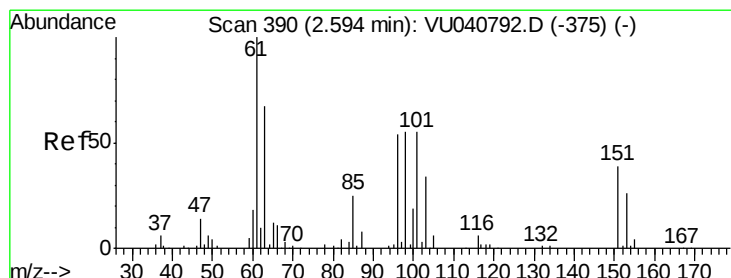
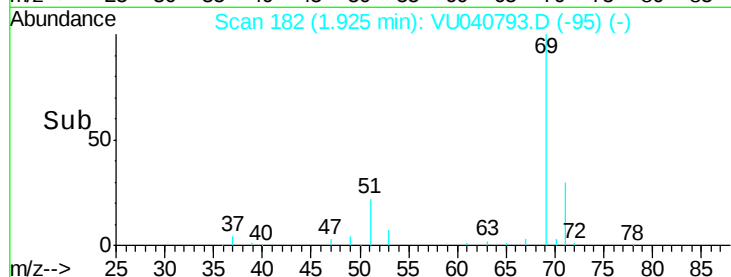
1000

500

0

1.92 1.94 1.96

Time-->



#10

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

Concen: 0.054 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040793.D

Acq: 19 Oct 2020 10:39

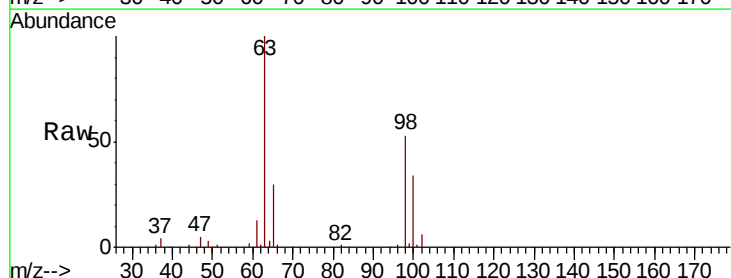
Tgt Ion: 101 Resp: 547

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): VU040792.D (-375) (-)

Ion 85.00 (84.70 to 85.70): VU040792.D (-375) (-)

Ion 151.00 (150.70 to 151.70): VU040792.D (-375) (-)

2.58

600

500

400

300

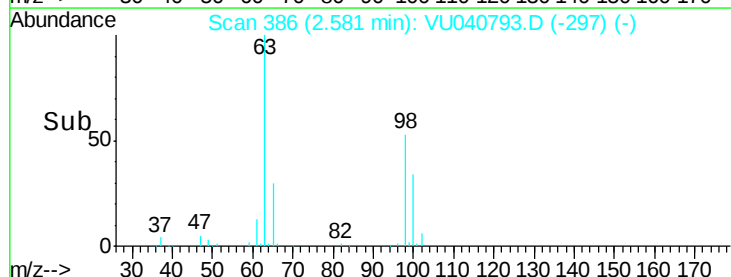
200

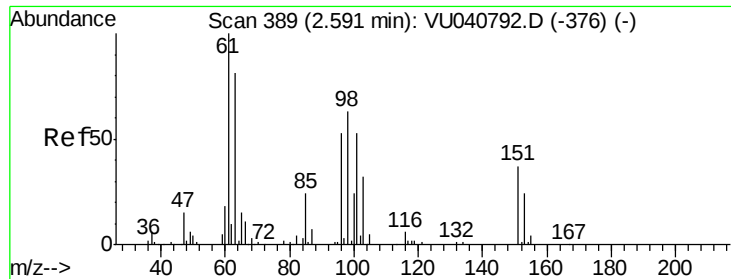
100

0

2.54 2.56 2.58 2.60

Time-->





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040793.D

Acq: 19 Oct 2020 10:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK03

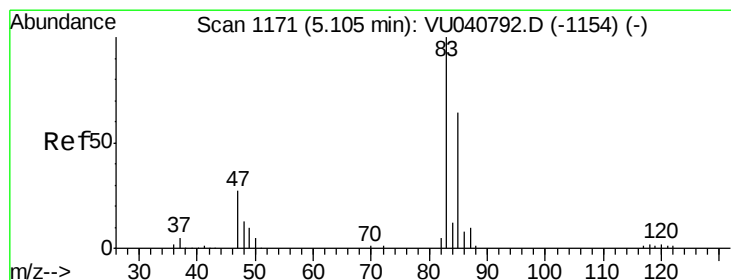
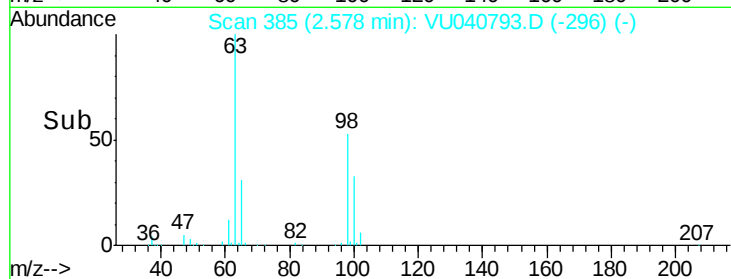
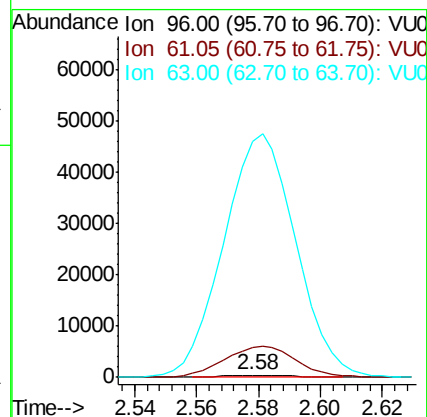
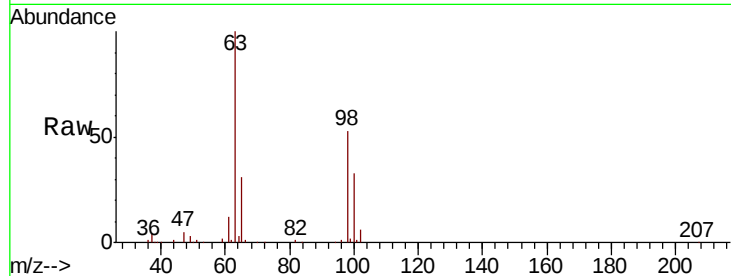
Tot Ion: 96 Resp: 571

Ion Ratio Lower Upper

96 100

61 1554.6 128.8 239.2#

63 12539.1 84.6 157.2#



#25

Chloroform

Concen: 0.267 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040793.D

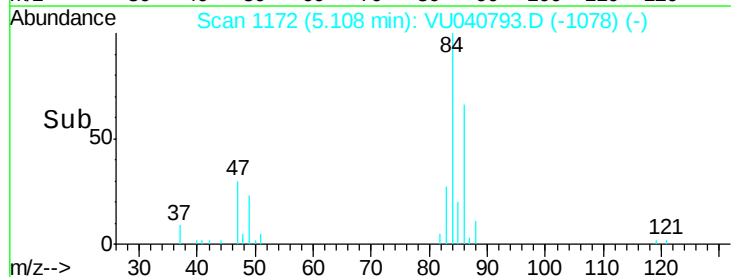
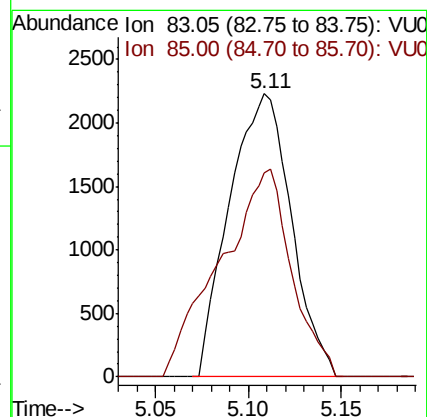
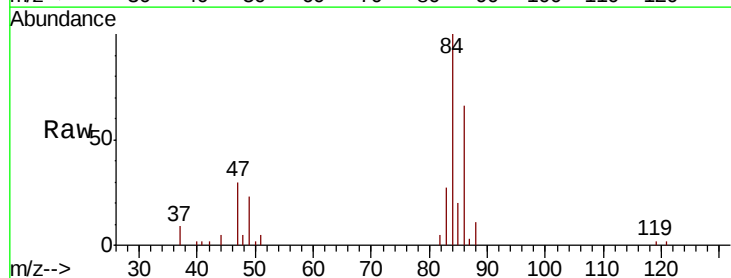
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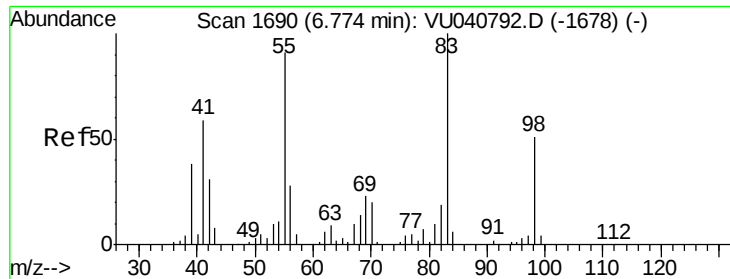
Tgt Ion: 83 Resp: 5160

Ion Ratio Lower Upper

83 100

85 71.9 46.5 86.5

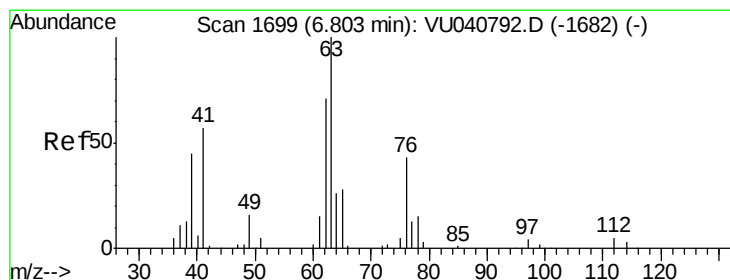
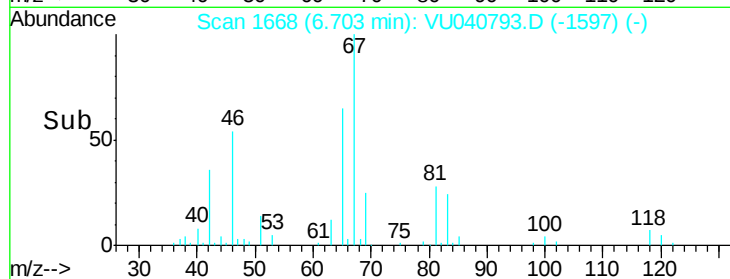
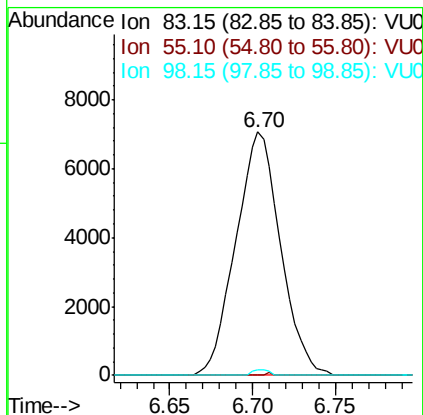
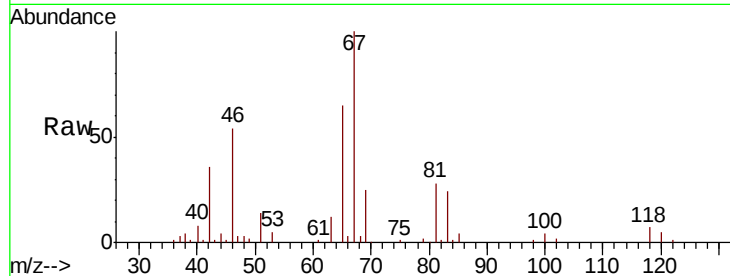




#35
Methvlcvclohexane
Concen: 0.890 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040793.D
Acq: 19 Oct 2020 10:39

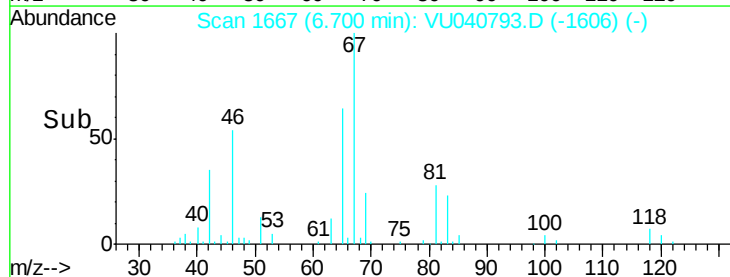
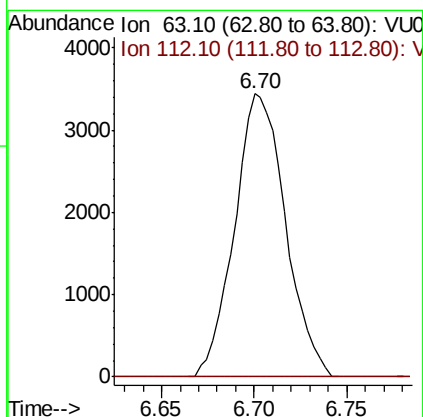
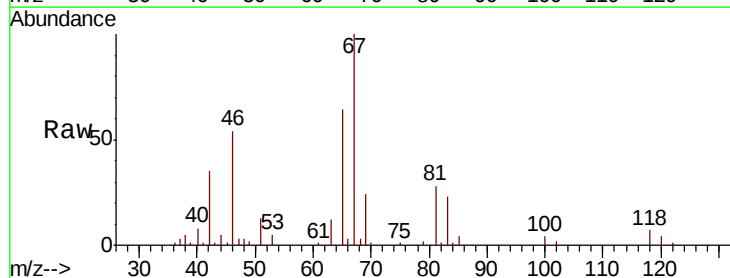
Instrument :
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ClientSampleId :
VBLK03

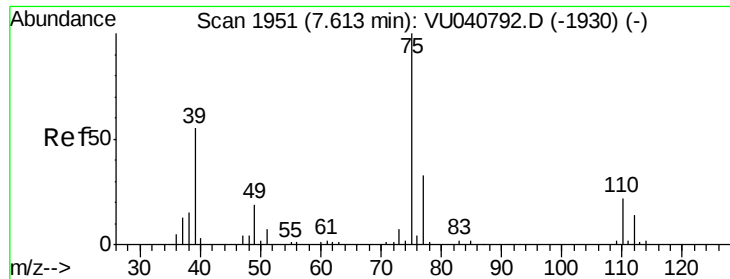
Tot Ion: 83 Resp: 13226
Ion Ratio Lower Upper
83 100
55 0.1 70.7 106.1#
98 0.8 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040793.D
Acq: 19 Oct 2020 10:39

Tgt Ion: 63 Resp: 6592
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

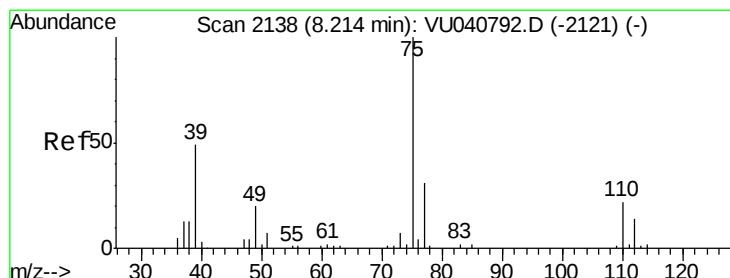
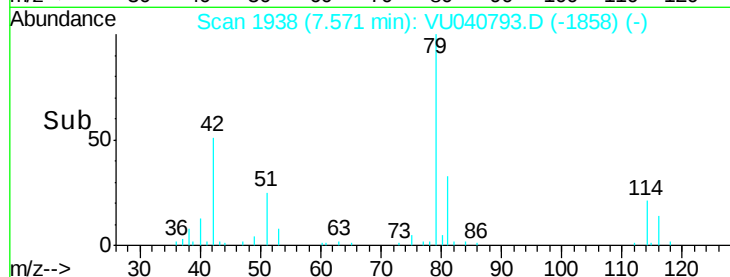
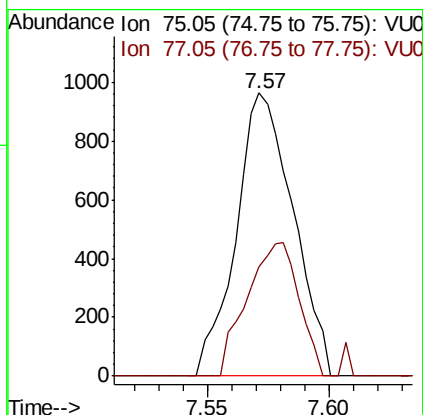
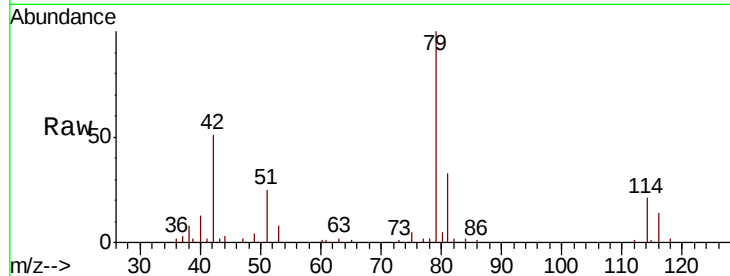




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040793.D
 Acq: 19 Oct 2020 10:39

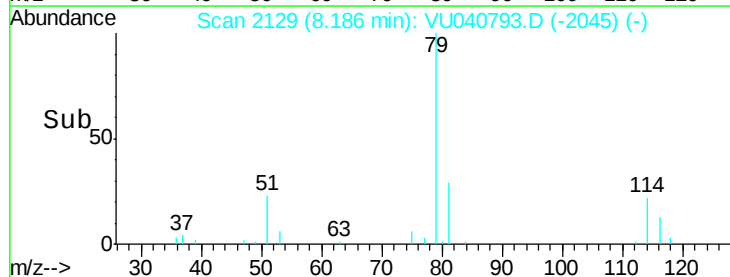
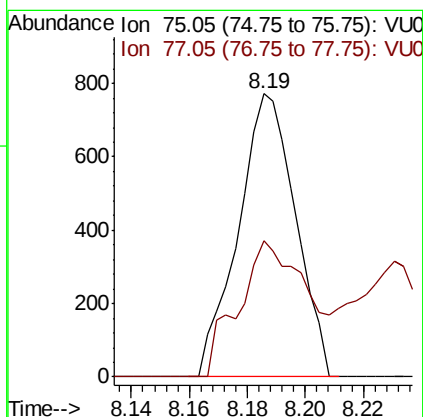
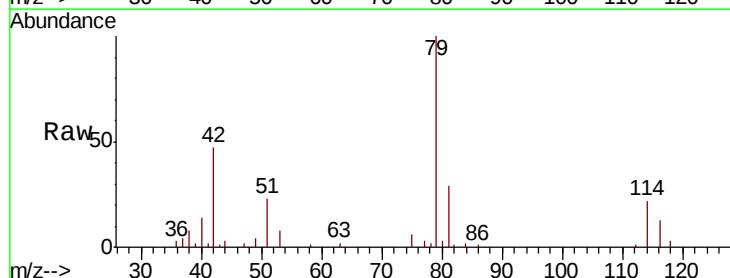
Instrument :
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 ClientSampleId :
 VBLK03

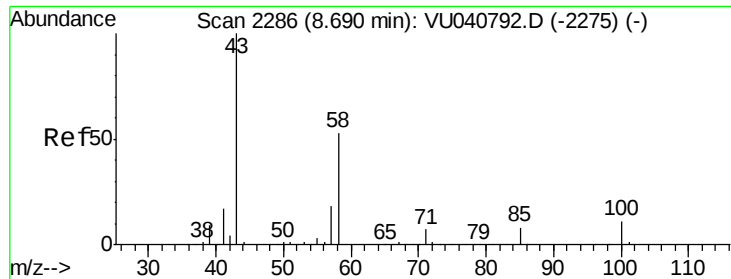
Tot Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 77 38.6 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040793.D
 Acq: 19 Oct 2020 10:39

Tgt Ion: 75 Resp: 1058
 Ion Ratio Lower Upper
 75 100
 77 48.3 20.4 38.0#

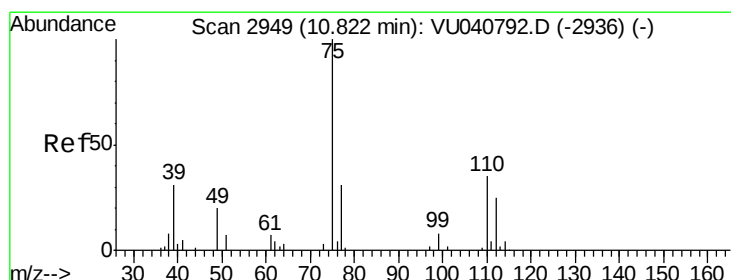
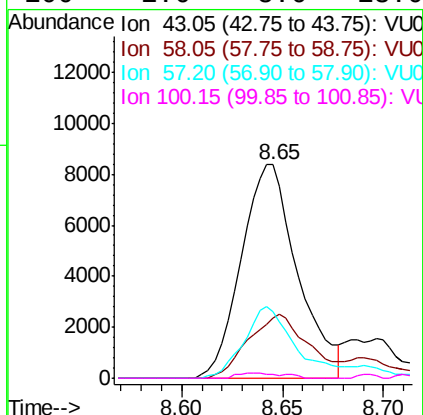
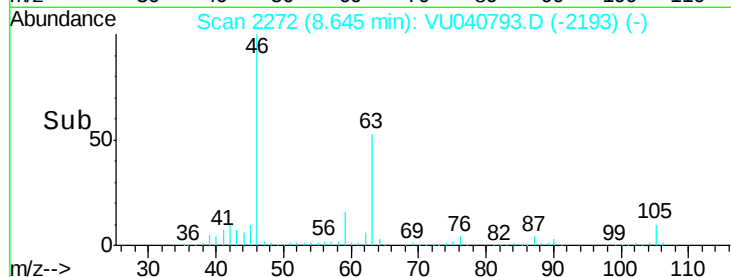
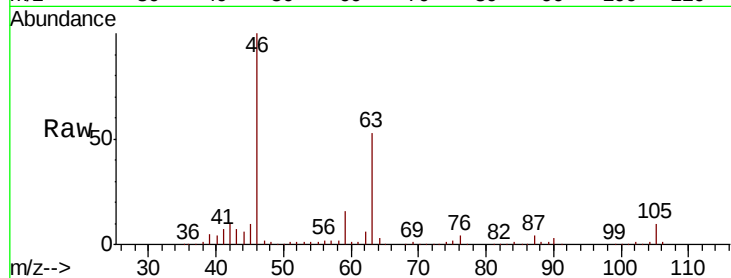




#48
2-Hexanone
Concen: 2.450 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VU040793.D
Acq: 19 Oct 2020 10:39

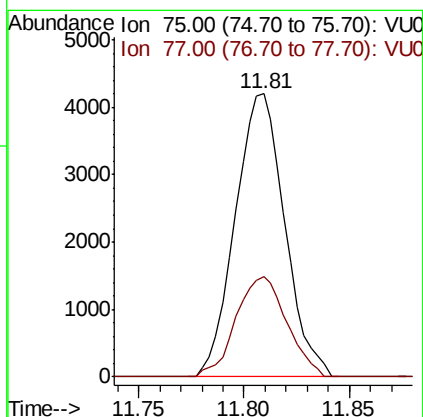
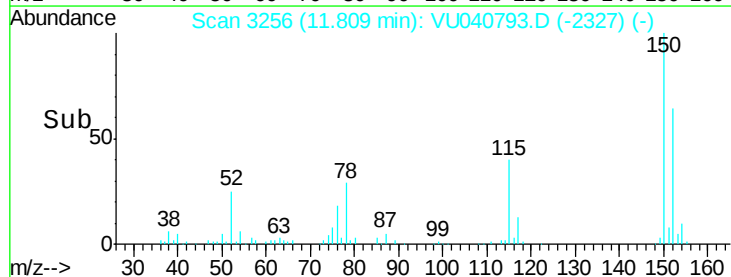
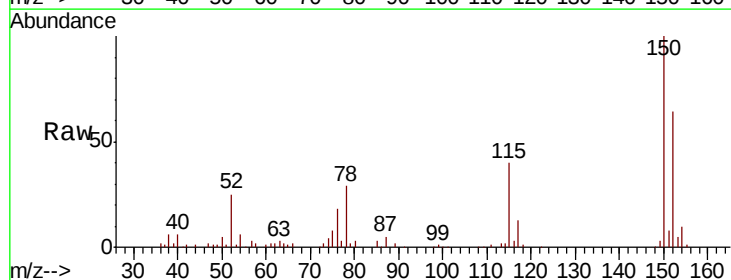
Instrument :
MSVOA_U
ClientSampled :
VBLK03

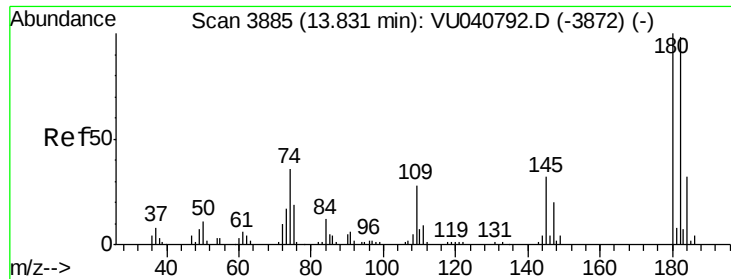
Tot Ion: 43 Resp: 16373
Ion Ratio Lower Upper
43 100
58 31.4 41.0 61.6#
57 31.1 14.4 21.6#
100 1.6 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 0.827 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040793.D
Acq: 19 Oct 2020 10:39

Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
77 36.5 26.4 39.6

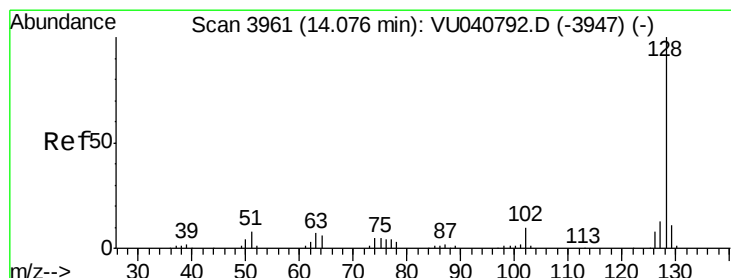
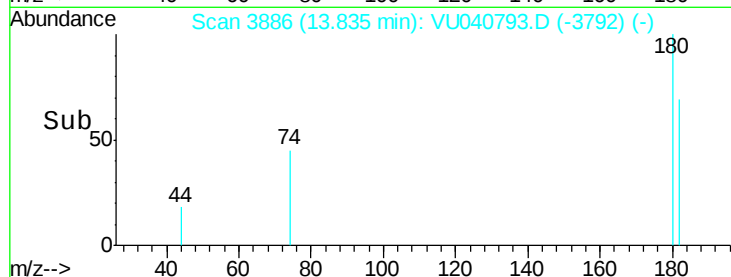
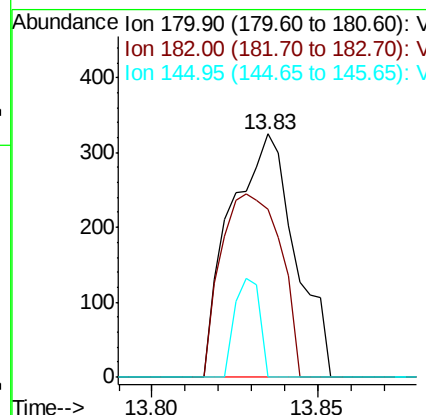
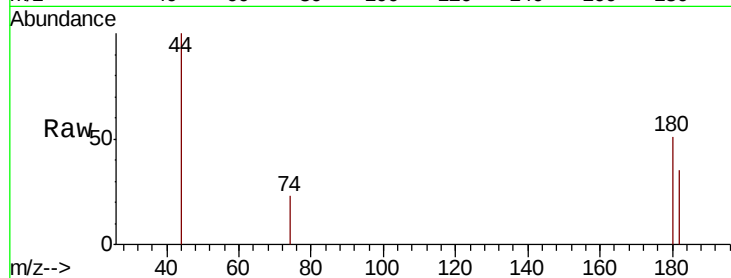




#68
 1,2,4-trichlorobenzene
 Concen: 0.047 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU040793.D
 Acq: 19 Oct 2020 10:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK03

Tot Ion:180 Resp: 441
 Ion Ratio Lower Upper
 180 100
 182 68.9 78.8 118.2#
 145 15.6 26.1 39.1#



#69
 Naphthalene
 Concen: 0.072 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU040793.D
 Acq: 19 Oct 2020 10:39

Tgt Ion:128 Resp: 1100
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.4#
 127 5.8 10.2 15.4#

