

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040600.D
 Acq On : 09 Oct 2020 22:14
 Operator : SY/MD
 Sample : VU1009WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

Quant Time: Oct 10 06:05:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125219	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50342	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.92	69	41529	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.58	63	75765	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.66	46	186562	56.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	5.08	84	94226	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	58013	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	173767	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	60376	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	142305	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.19	79	23183	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	131718	52.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52876	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	55322	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

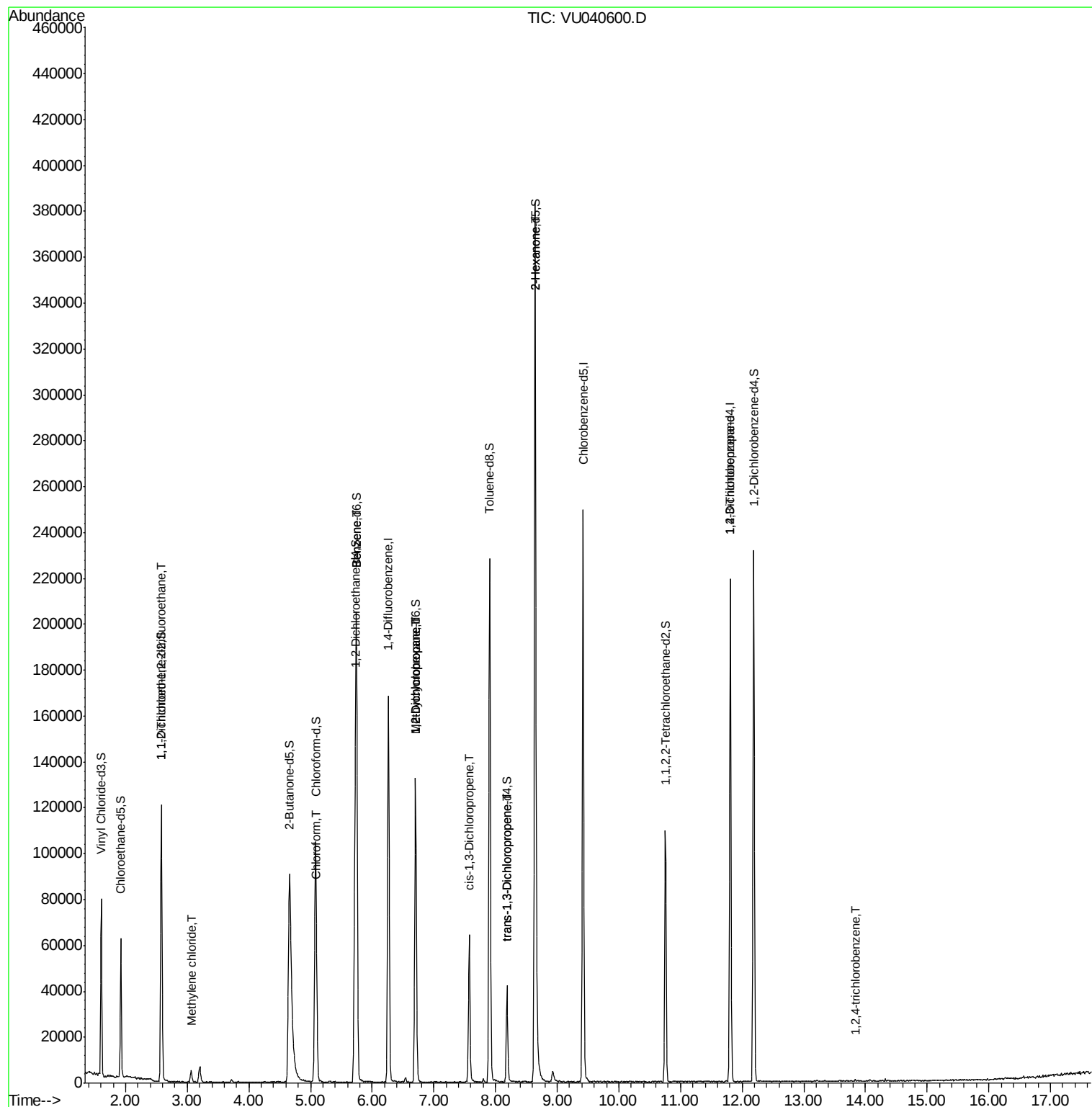
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	593	0.057	ug/L #	20
16) Methylene chloride	3.06	84	2023	0.176	ug/L	98
25) Chloroform	5.11	83	2664	0.135	ug/L	88
33) Benzene	5.75	78	1375	0.033	ug/L	100
35) Methylcyclohexane	6.70	83	14029	0.929	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6989	0.611	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1700	0.109	ug/L #	83
44) trans-1,3-Dichloropropene	8.19	75	1005	0.070	ug/L #	46
48) 2-Hexanone	8.64	43	17670	2.601	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7918	0.942	ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	396	0.040	ug/L #	73

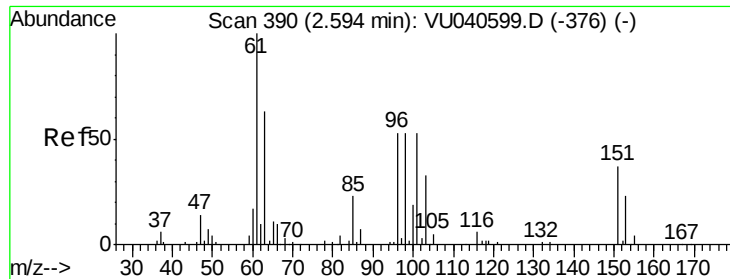
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.057 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040600.D

Acq: 09 Oct 2020 22:14

Instrument :

MSVOA_U

ClientSampled :

VBLK24

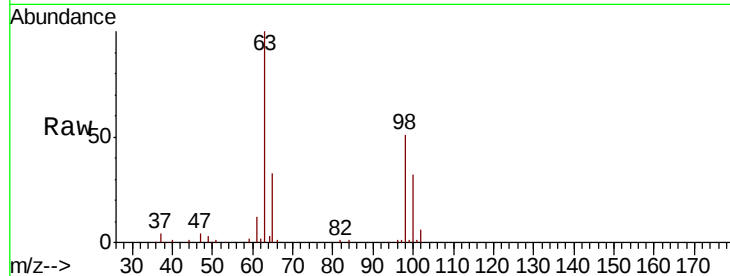
Tot Ion:101 Resp: 593

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

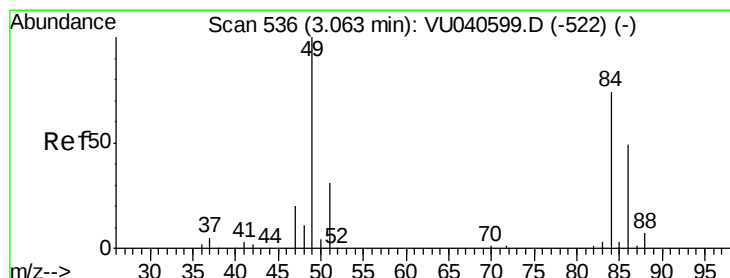
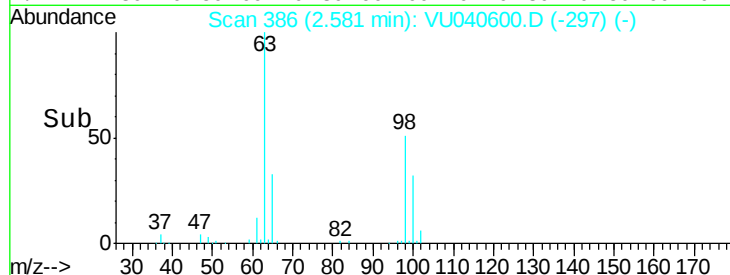
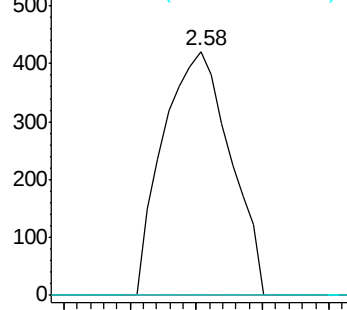
151 0.0 58.0 87.0#



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



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040600.D

Acq: 09 Oct 2020 22:14

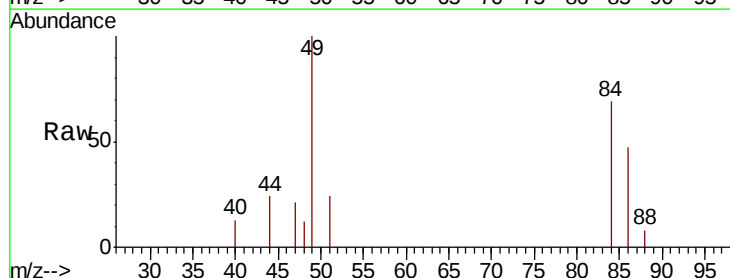
Tgt Ion: 84 Resp: 2023

Ion Ratio Lower Upper

84 100

86 68.3 45.4 84.4

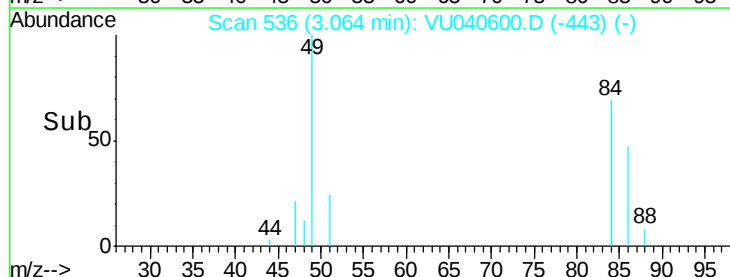
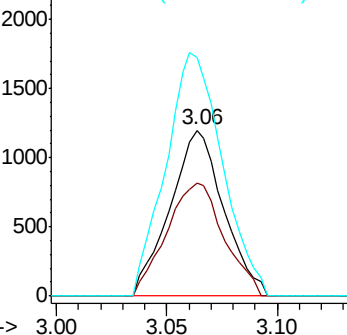
49 144.0 99.8 185.3

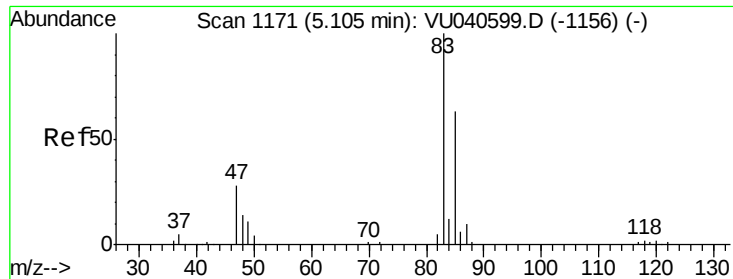


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

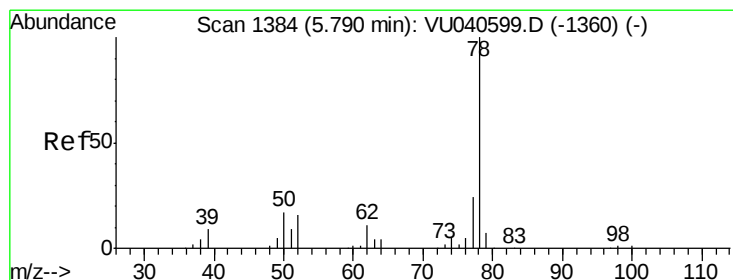
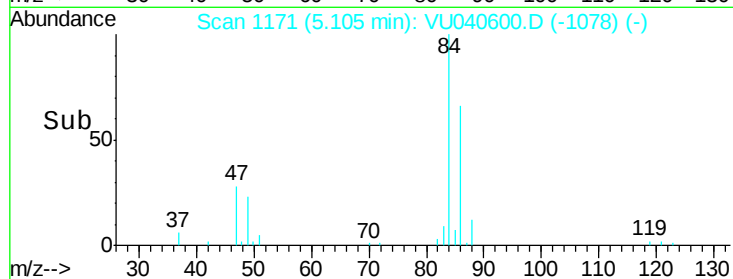
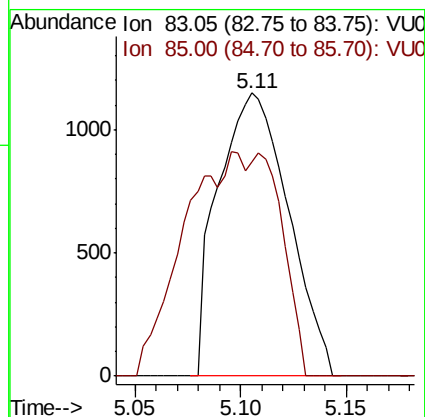
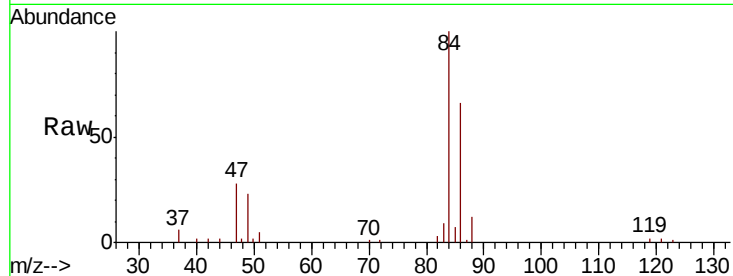




#25
Chloroform
Concen: 0.135 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040600.D
Acq: 09 Oct 2020 22:14

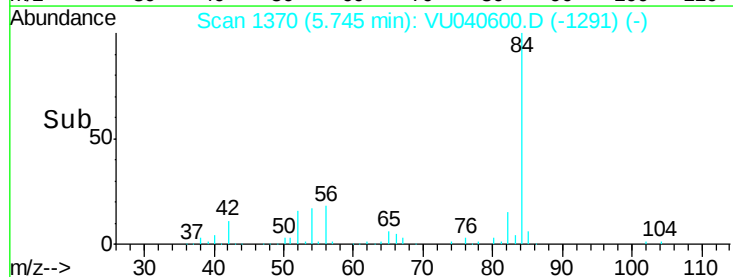
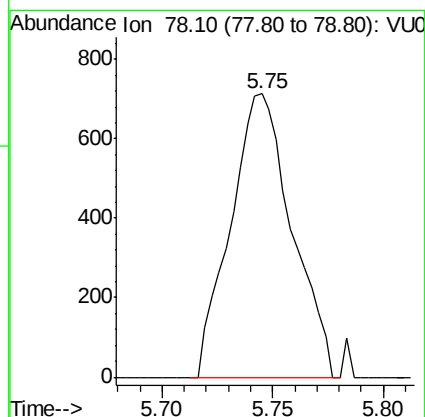
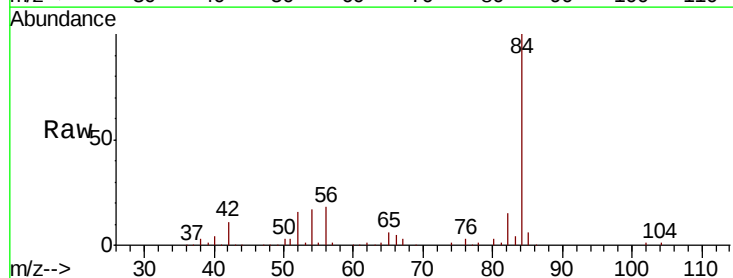
Instrument :
MSVOA_U
ClientSampled :
VBLK24

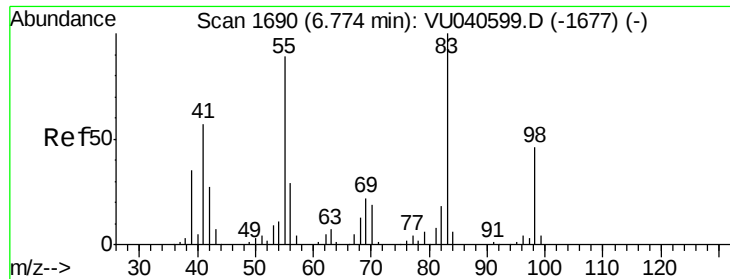
Tot Ion: 83 Resp: 2664
Ion Ratio Lower Upper
83 100
85 75.8 46.5 86.5



#33
Benzene
Concen: 0.033 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040600.D
Acq: 09 Oct 2020 22:14

Tgt Ion: 78 Resp: 1375

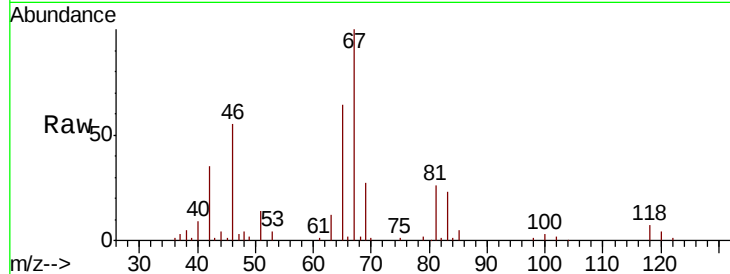




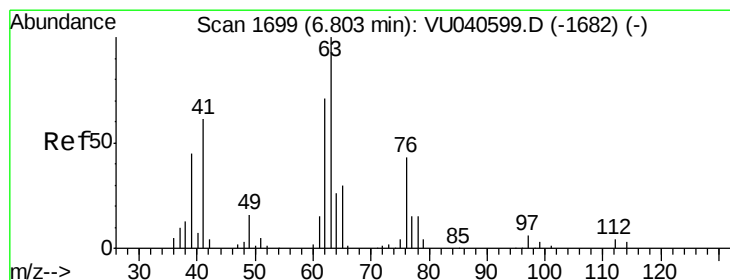
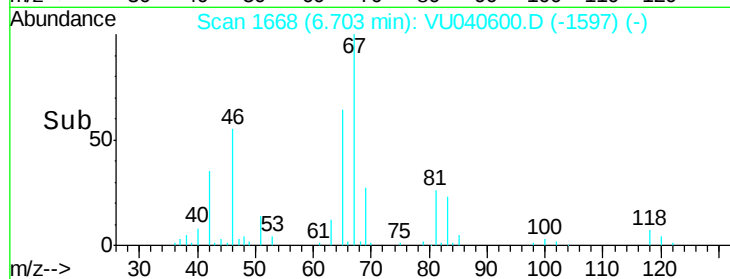
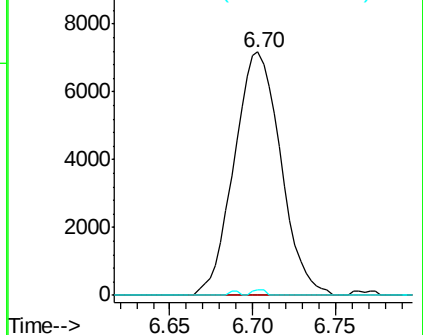
#35
Methvlcvclohexane
Concen: 0.929 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040600.D
Acq: 09 Oct 2020 22:14

Instrument :
MSVOA_U
ClientSampleId :
VBLK24

Tot Ion: 83 Resp: 14029
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#

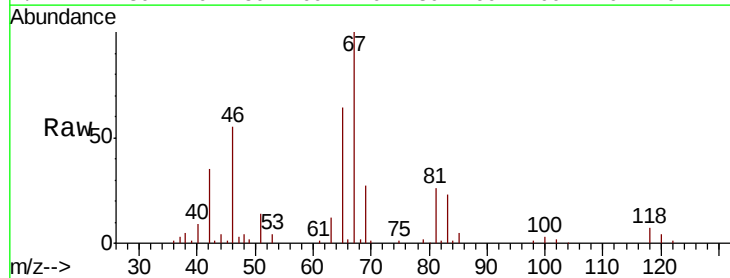


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

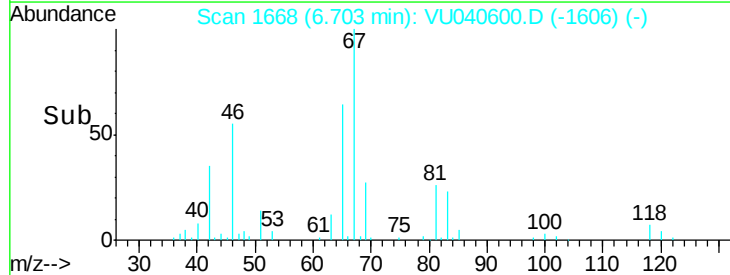
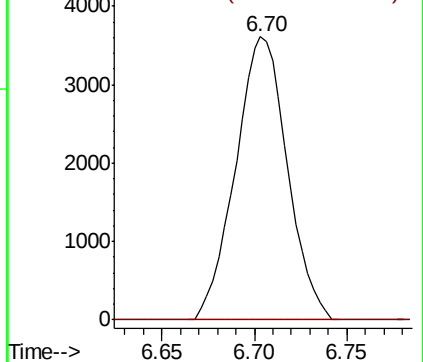


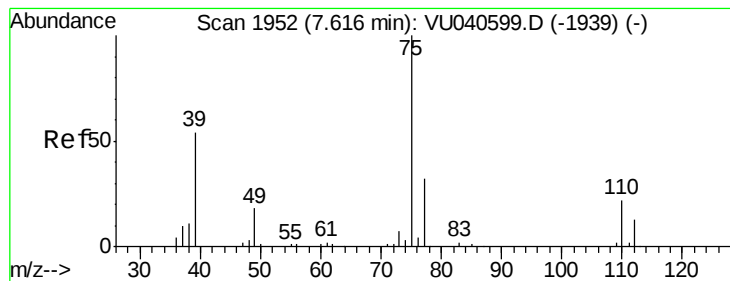
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040600.D
Acq: 09 Oct 2020 22:14

Tgt Ion: 63 Resp: 6989
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



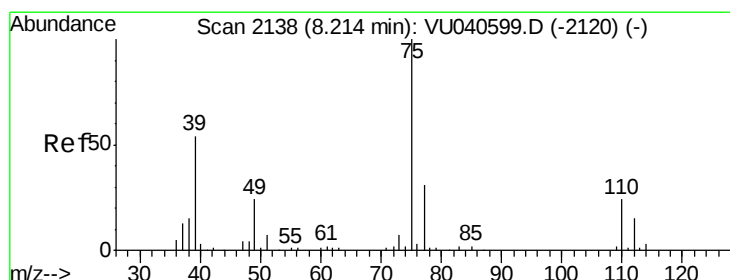
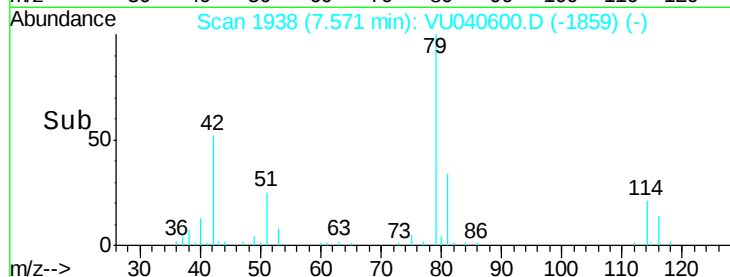
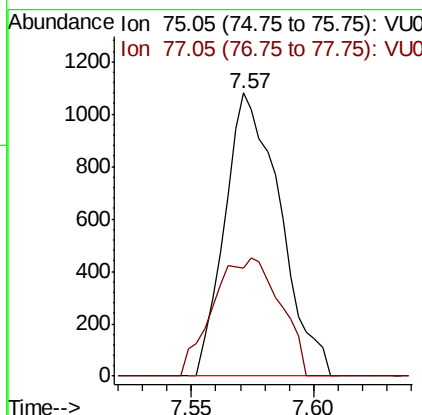
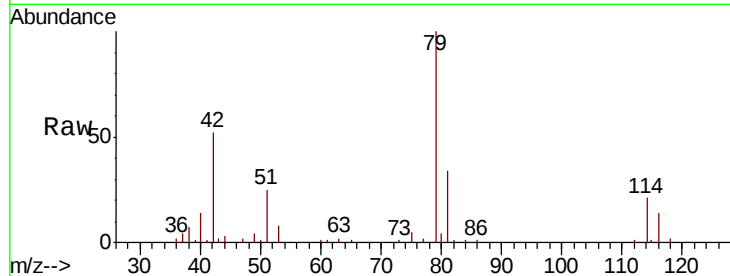


#39

cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040600.D
 Acq: 09 Oct 2020 22:14

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 VBLK24

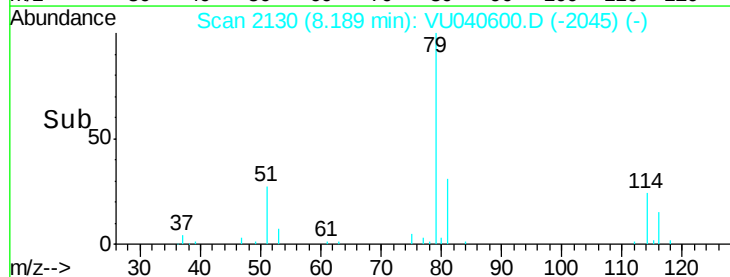
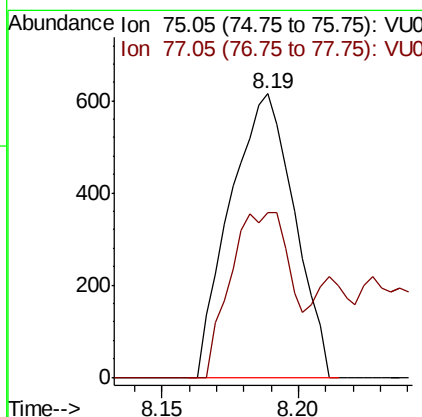
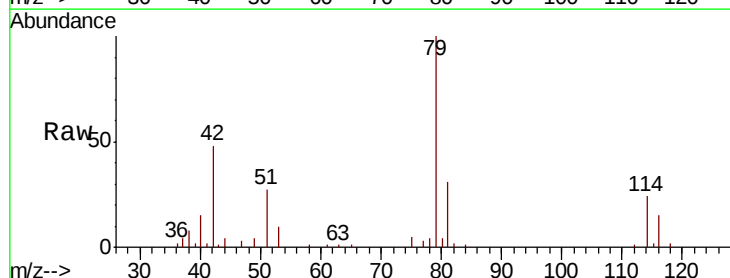
Tot Ion: 75 Resp: 1700
 Ion Ratio Lower Upper
 75 100
 77 38.2 20.5 38.1#

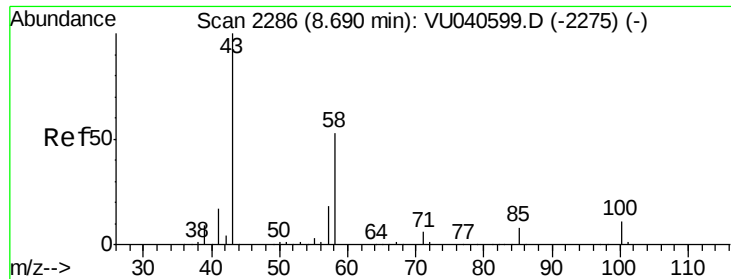


#44

trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040600.D
 Acq: 09 Oct 2020 22:14

Tgt Ion: 75 Resp: 1005
 Ion Ratio Lower Upper
 75 100
 77 58.0 20.4 38.0#

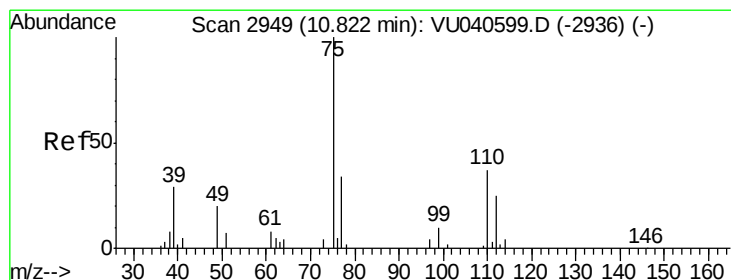
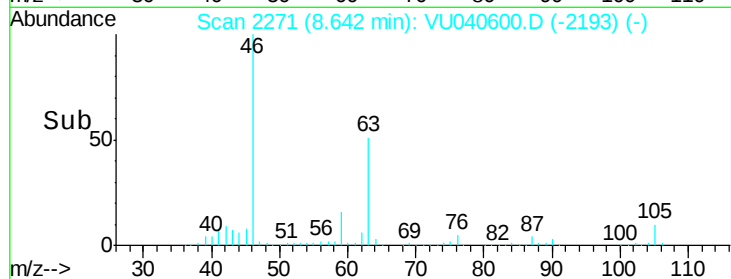
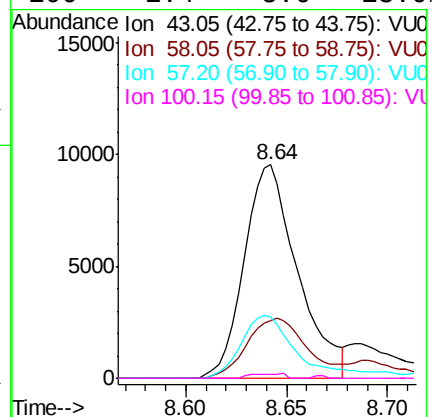
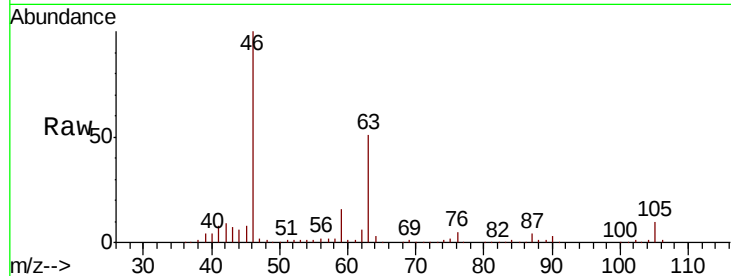




#48
 2-Hexanone
 Concen: 2.601 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040600.D
 Acq: 09 Oct 2020 22:14

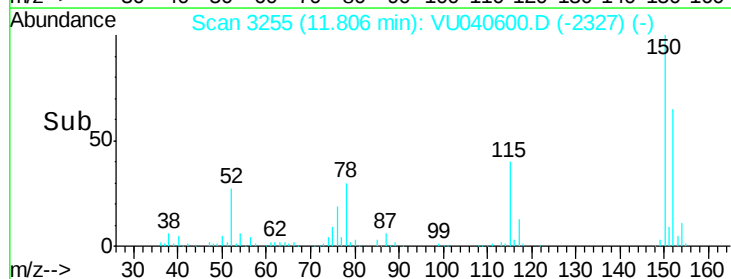
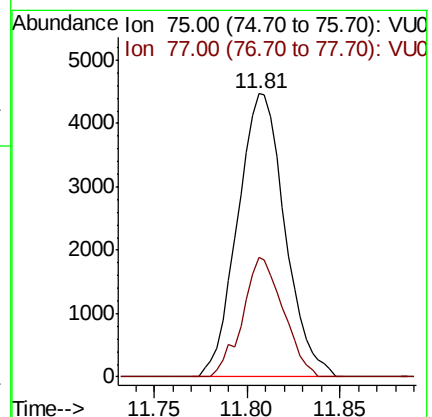
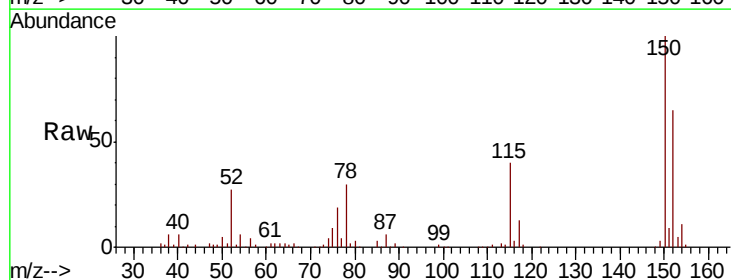
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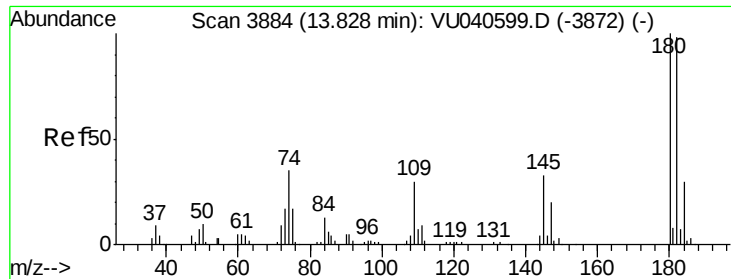
Tot Ion: 43 Resp: 17670
 Ion Ratio Lower Upper
 43 100
 58 31.4 41.0 61.6#
 57 32.2 14.4 21.6#
 100 1.4 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.942 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040600.D
 Acq: 09 Oct 2020 22:14

Tgt Ion: 75 Resp: 7918
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.4 39.6





#68

1,2,4-trichlorobenzene

Concen: 0.040 ug/L

RT: 13.83 min Scan# 3886

Delta R.T. 0.01 min

Lab File: VU040600.D

Acq: 09 Oct 2020 22:14

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ClientSampleId :

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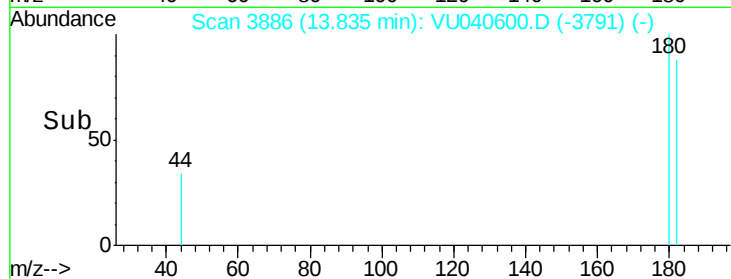
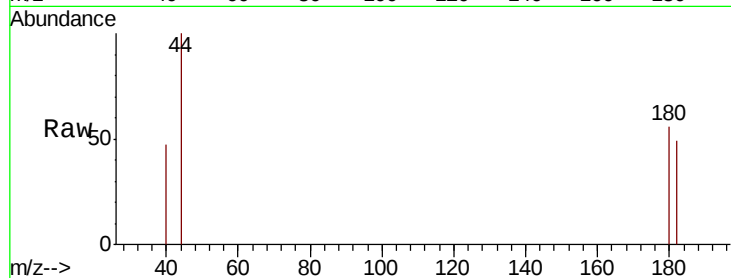
Tot Ion:180 Resp: 396

Ion Ratio Lower Upper

180 100

182 81.3 78.8 118.2

145 0.0 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

