

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039791.D
 Acq On : 07 Aug 2020 17:43
 Operator : SY/MD
 Sample : L3572-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68952	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13488	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	15894	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.58	63	19344	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.65	46	82139	50.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.92%
24) Chloroform-d	5.08	84	42416	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	25187	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.75	84	68037	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.70	67	25179	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	50491	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	8.19	79	8682	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.64	63	57186	49.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23970	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25778	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

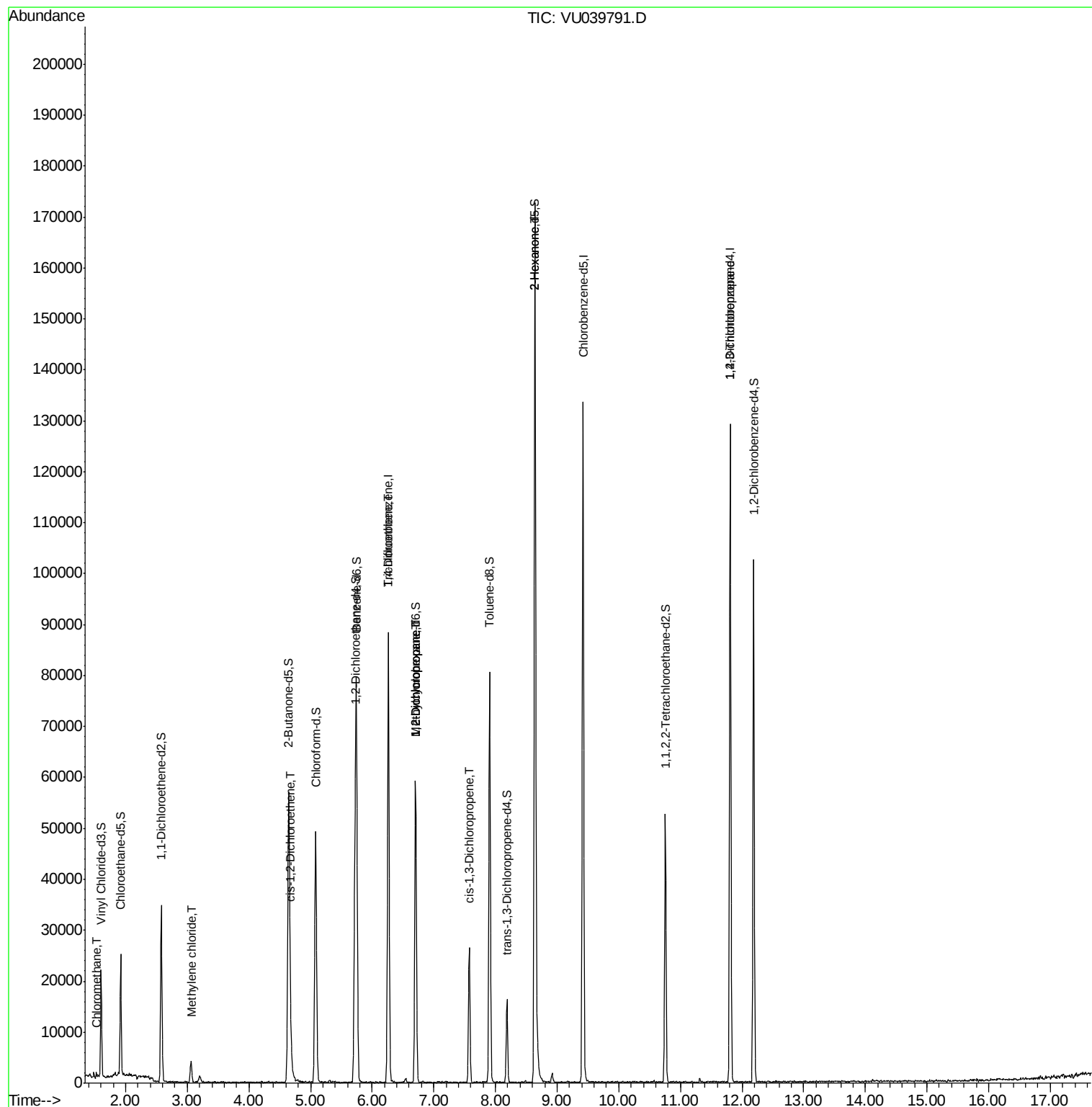
					Ovalue
3) Chloromethane	1.53	50	524	0.090 ug/L	88
16) Methylene chloride	3.06	84	1914	0.290 ug/L	83
22) cis-1,2-Dichloroethene	4.68	96	826	0.167 ug/L #	61
34) Trichloroethene	6.26	95	1106	0.227 ug/L #	4
35) Methylcyclohexane	6.70	83	6195	0.796 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3048	0.611 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	791	0.116 ug/L	93
48) 2-Hexanone	8.64	43	7465	2.772 ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	4348	1.208 ug/L	97

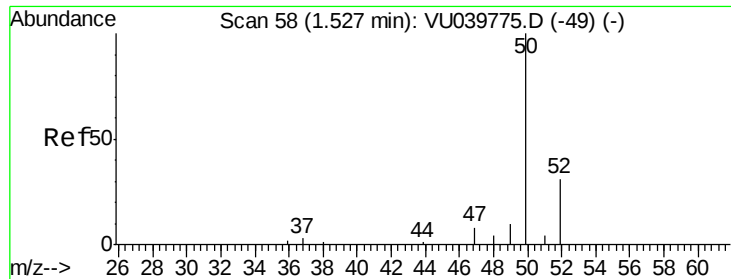
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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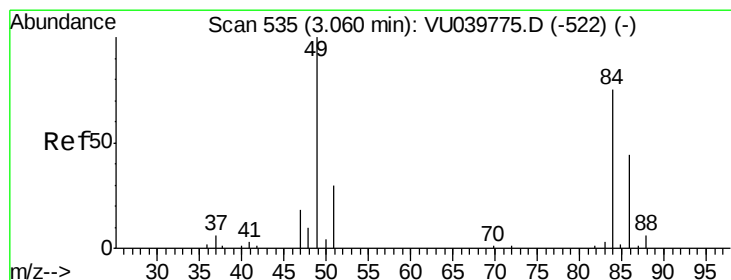
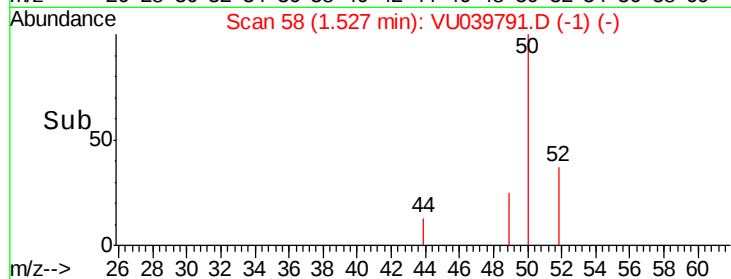
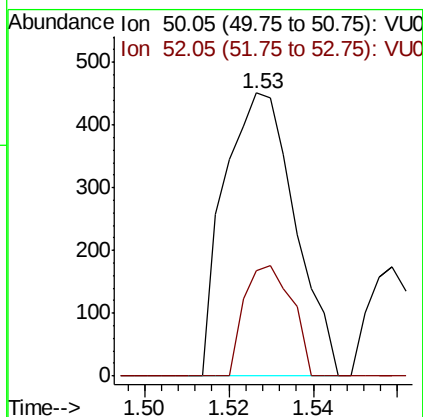
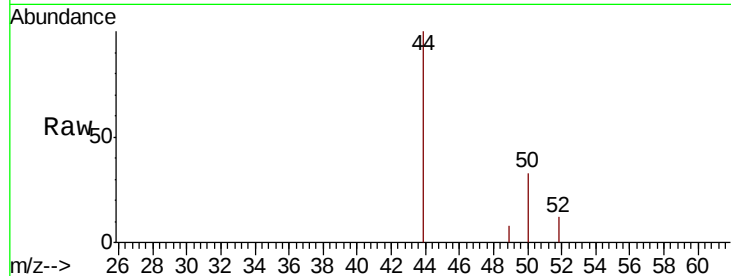




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039791.D
Acq: 07 Aug 2020 17:43

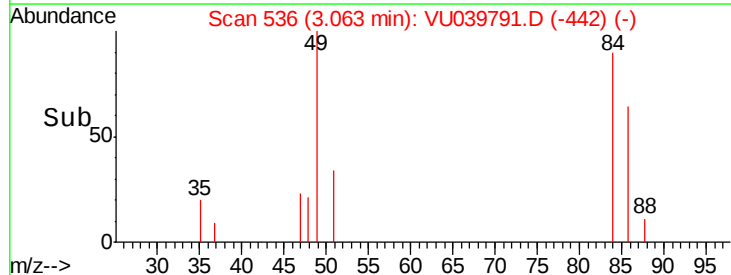
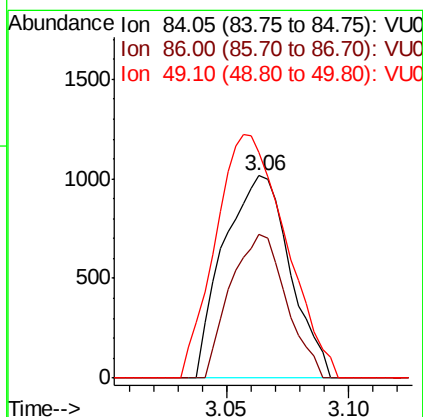
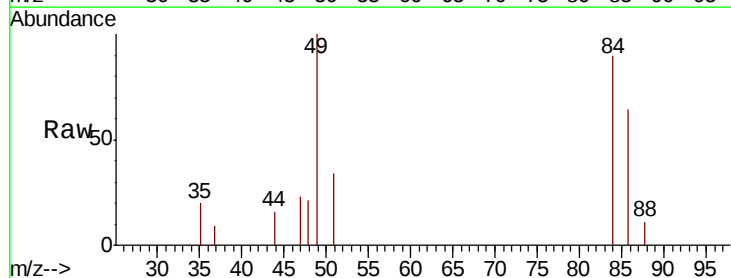
Instrument :
MSVOA_U
ClientSampled :

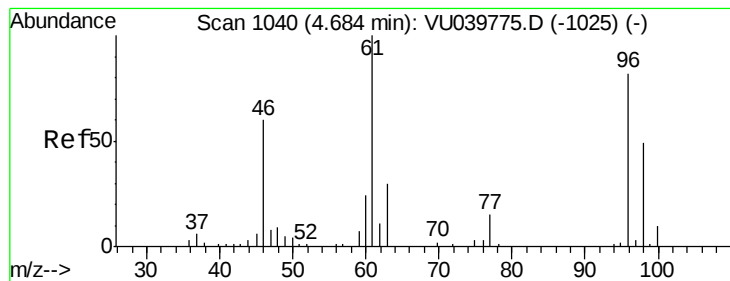
Tot Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 37.3 21.6 40.0



#16
Methylene chloride
Concen: 0.290 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039791.D
Acq: 07 Aug 2020 17:43

Tgt Ion: 84 Resp: 1914
Ion Ratio Lower Upper
84 100
86 71.1 43.9 81.5
49 111.6 94.4 175.4





#22

cis-1,2-Dichloroethene

Concen: 0.167 ug/L

RT: 4.68 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VU039791.D

Acq: 07 Aug 2020 17:43

Instrument :
MSVOA_U
ClientSampled :

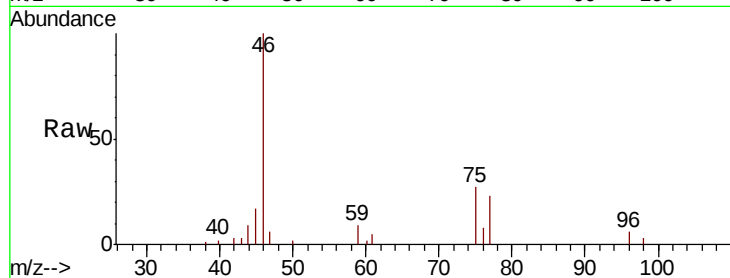
Tot Ion: 96 Resp: 826

Ion Ratio Lower Upper

96 100

61 80.5 87.4 162.2#

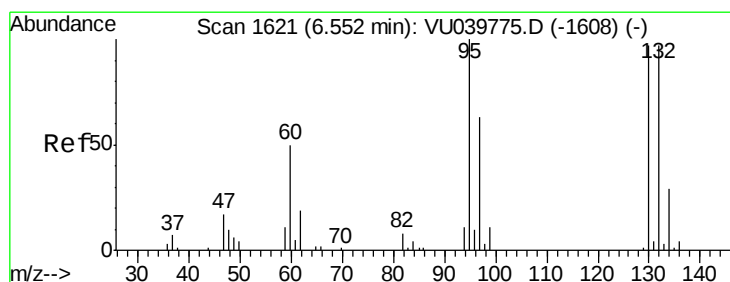
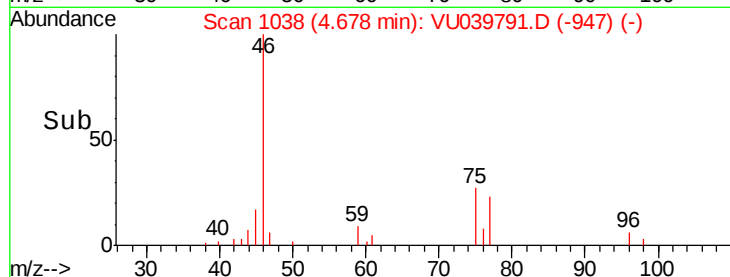
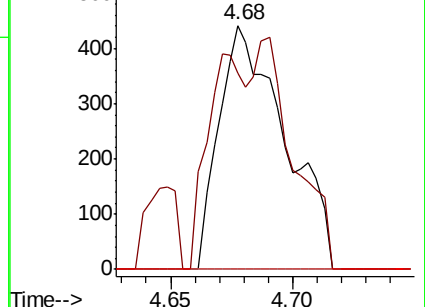
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039791.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039791.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039791.D (-947) (-)



#34

Trichloroethene

Concen: 0.227 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU039791.D

Acq: 07 Aug 2020 17:43

Tgt Ion: 95 Resp: 1106

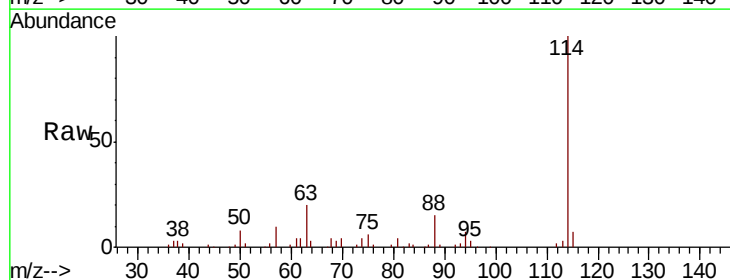
Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.8#

132 0.0 71.7 133.3#

130 0.0 71.1 132.1#

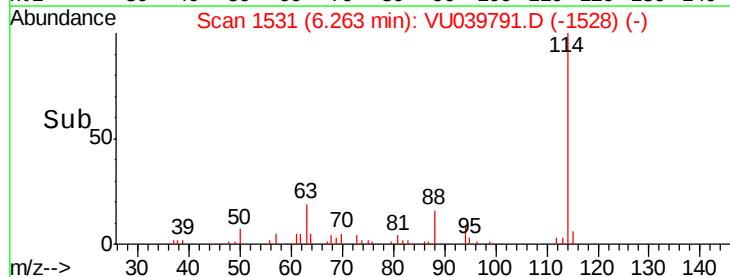
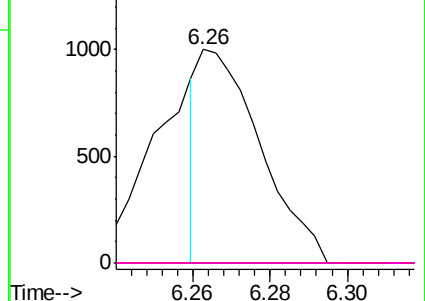


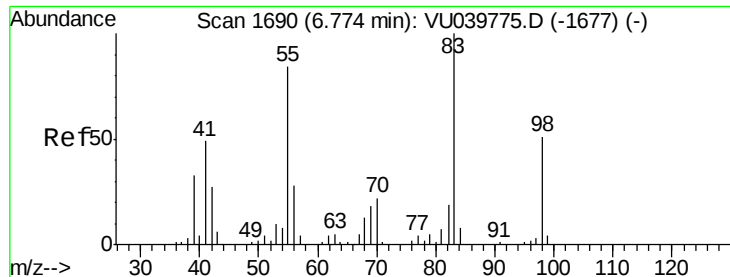
Abundance Ion 95.00 (94.70 to 95.70): VU039791.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039791.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039791.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039791.D (-1528) (-)

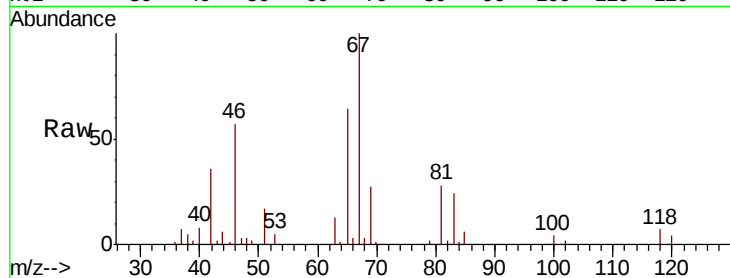




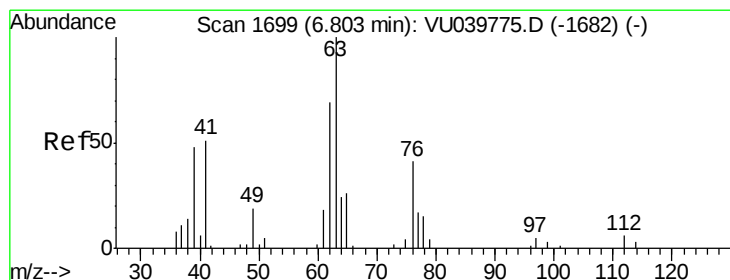
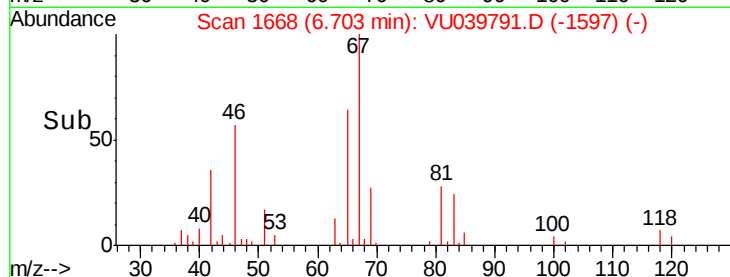
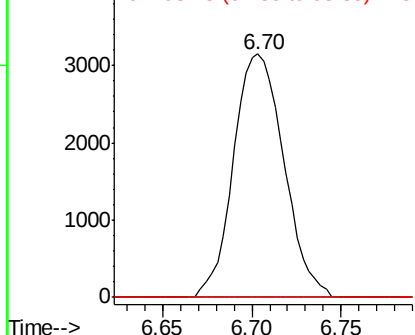
#35
Methvlcvclohexane
Concen: 0.796 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039791.D
Acq: 07 Aug 2020 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6195
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.0 39.0 58.4#

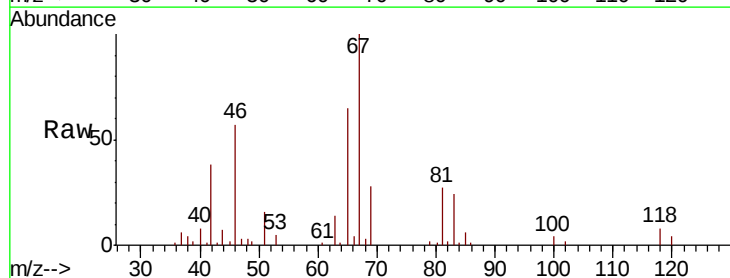


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

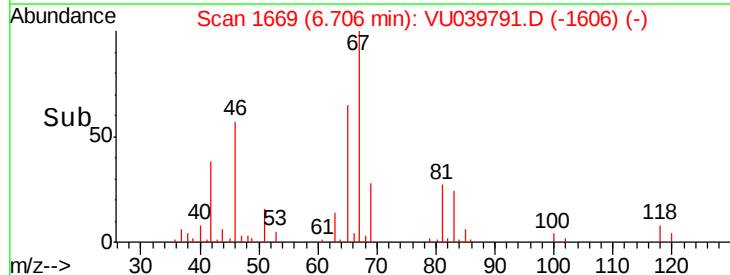
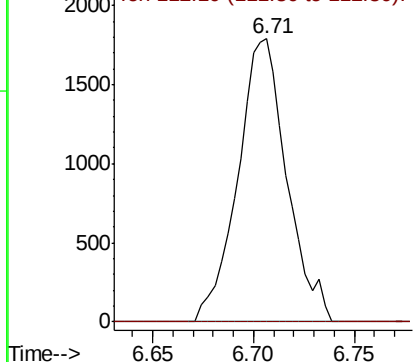


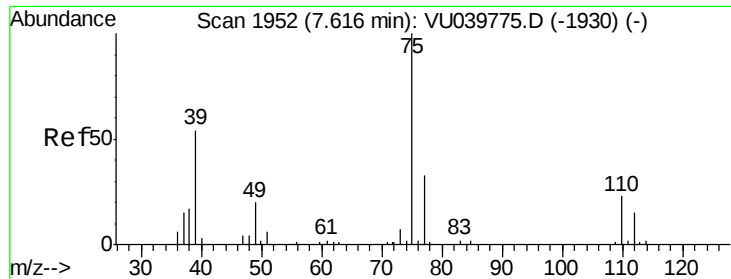
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039791.D
Acq: 07 Aug 2020 17:43

Tgt Ion: 63 Resp: 3048
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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

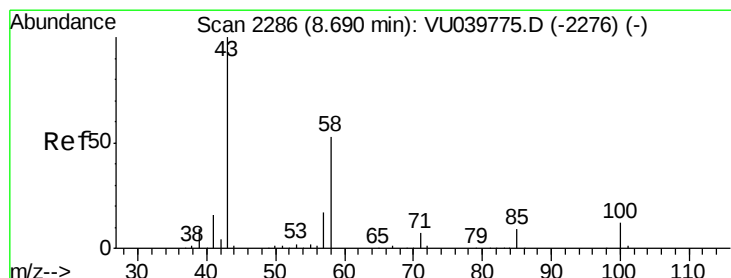
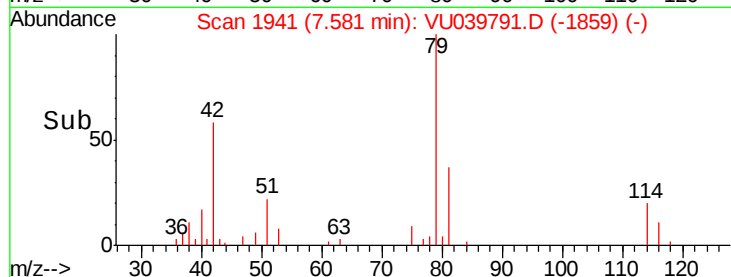
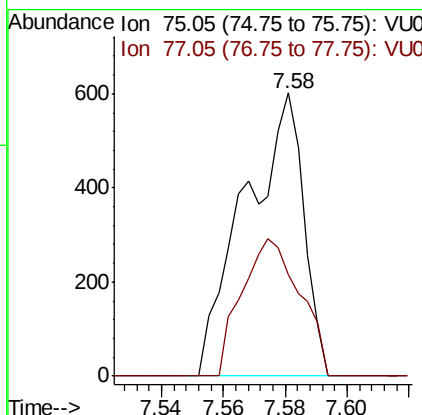
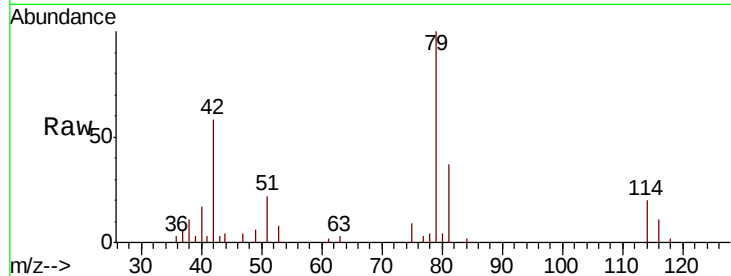




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039791.D
 Acq: 07 Aug 2020 17:43

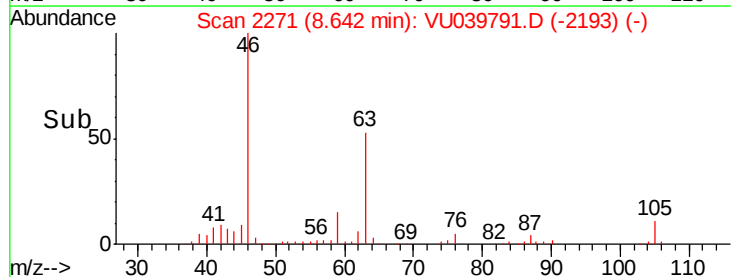
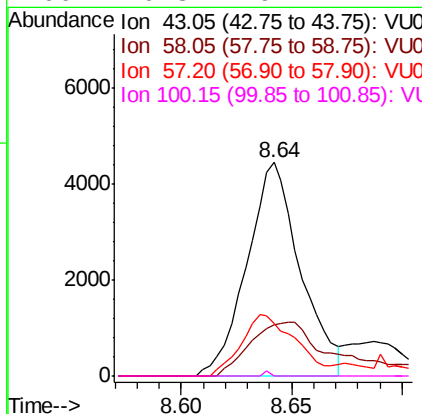
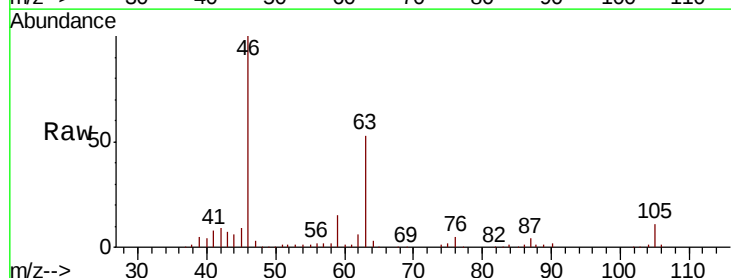
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 ClientSampleId :

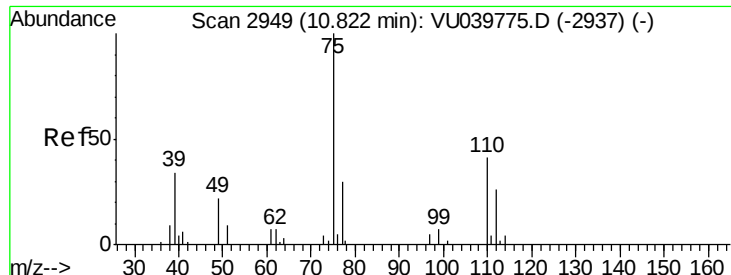
Tot Ion: 75 Resp: 791
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.4 41.6



#48
 2-Hexanone
 Concen: 2.772 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039791.D
 Acq: 07 Aug 2020 17:43

Tgt Ion: 43 Resp: 7465
 Ion Ratio Lower Upper
 43 100
 58 39.5 41.8 62.8#
 57 29.3 14.2 21.4#
 100 0.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.208 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039791.D

Acq: 07 Aug 2020 17:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4348

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

