

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081020\
 Data File : VU039834.D
 Acq On : 10 Aug 2020 19:23
 Operator : SY/MD
 Sample : L3578-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 05:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 04:57:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21672	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.92	69	20794	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	31720	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.66	46	80138	44.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	5.08	84	39309	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.72	65	26391	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.75	84	82448	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	27380	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	68492	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	9238	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	56048	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24362	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30484	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

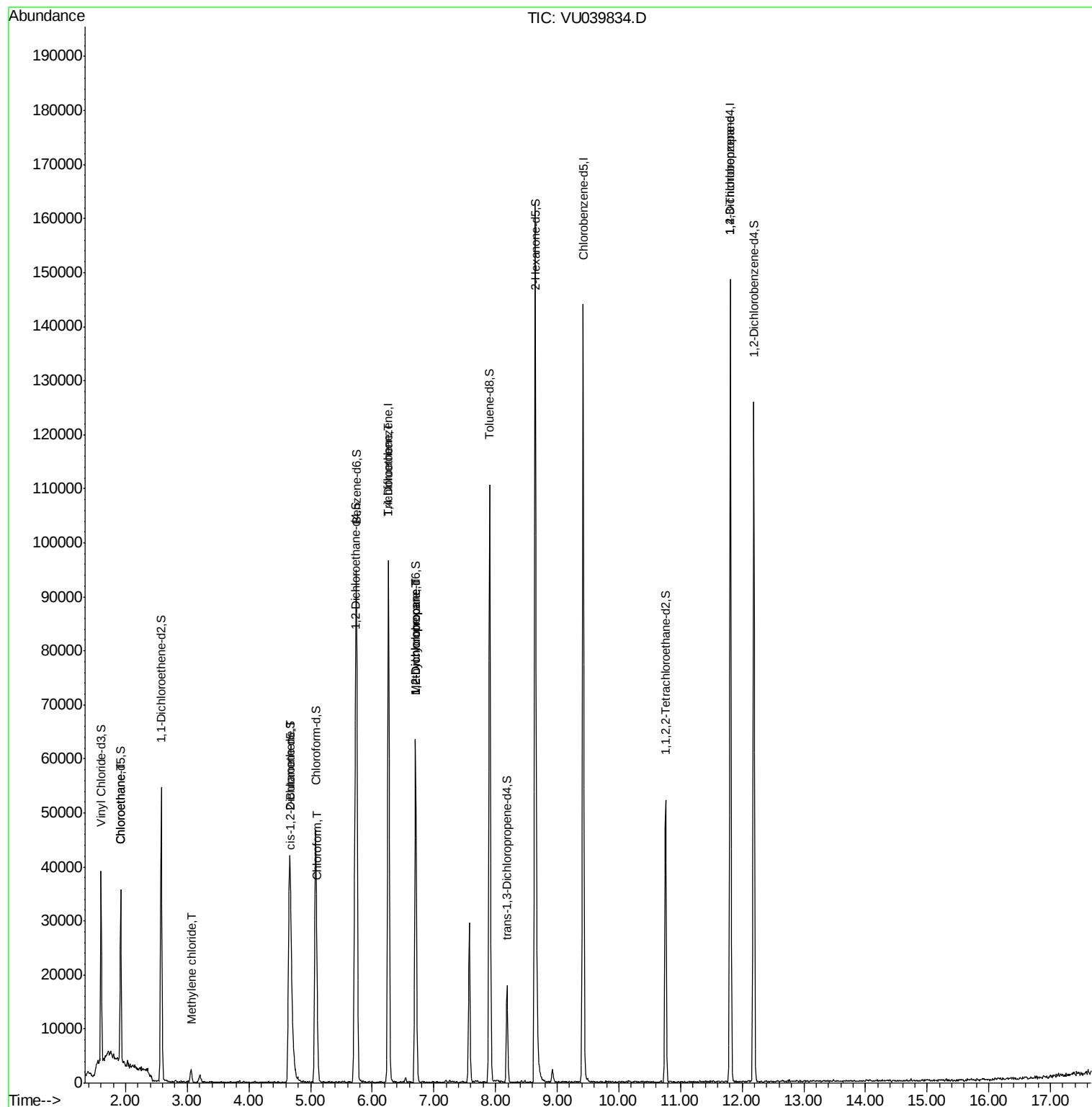
					Ovalue
8) Chloroethane	1.93	64	546	0.122 ug/L #	54
16) Methylene chloride	3.06	84	1020	0.141 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	572	0.105 ug/L	96
25) Chloroform	5.11	83	4935	0.497 ug/L	95
34) Trichloroethene	6.26	95	1716	0.319 ug/L #	4
35) Methylcyclohexane	6.70	83	6846	0.799 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3527	0.642 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	5115	1.291 ug/L #	85

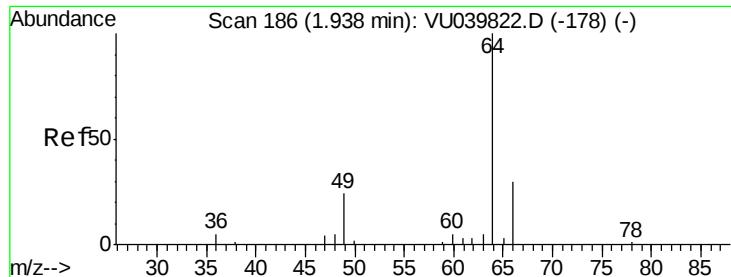
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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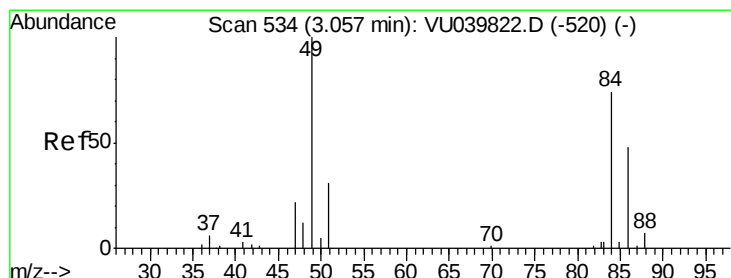
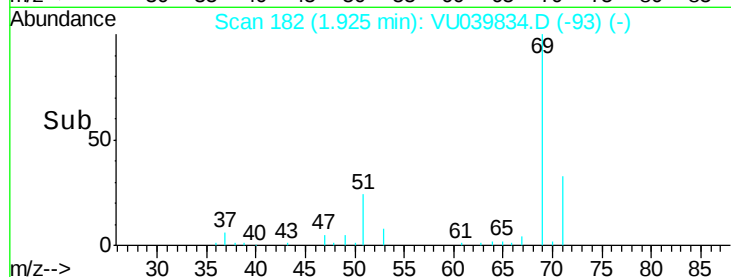
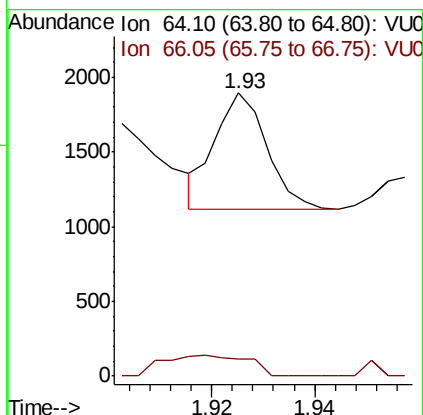
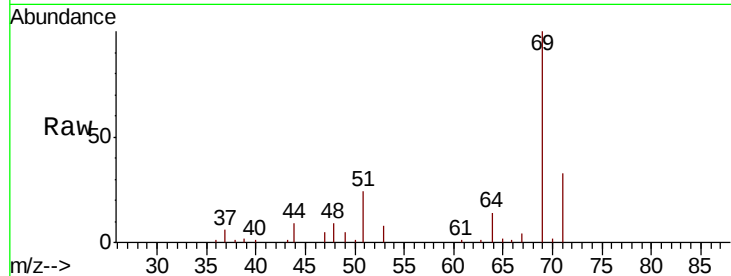




#8
Chloroethane
Concen: 0.122 ug/L
RT: 1.93 min Scan# 182
Delta R.T. -0.01 min
Lab File: VU039834.D
Acq: 10 Aug 2020 19:23

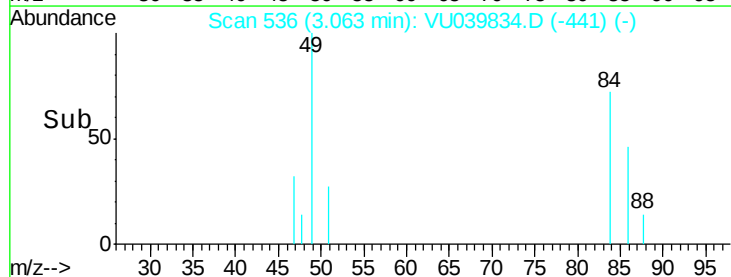
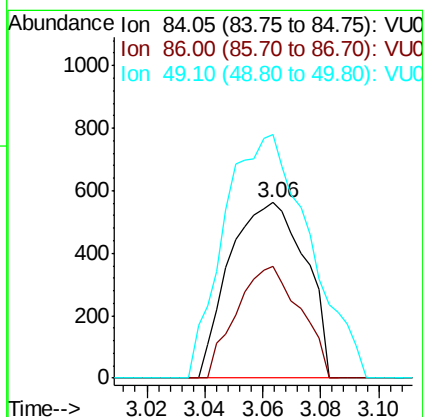
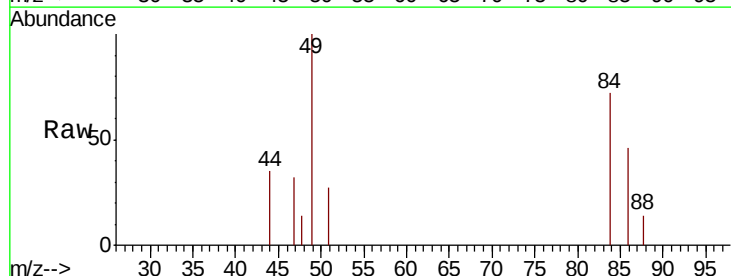
Instrument :
MSVOA_U
ClientSampleId :

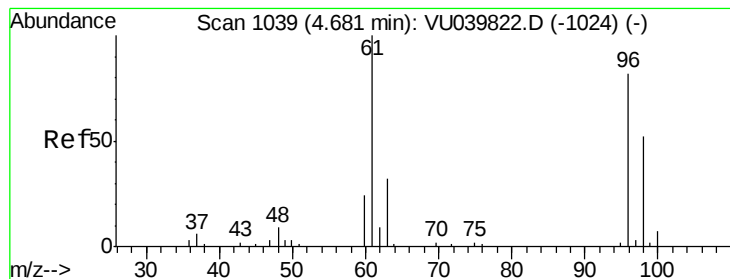
Tot Ion: 64 Resp: 546
Ion Ratio Lower Upper
64 100
66 6.1 22.3 41.3#



#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU039834.D
Acq: 10 Aug 2020 19:23

Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
86 64.2 43.9 81.5
49 138.9 94.4 175.4





#22

cis-1,2-Dichloroethene

Concen: 0.105 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU039834.D

Acq: 10 Aug 2020 19:23

Instrument :

MSVOA_U

ClientSampleId :

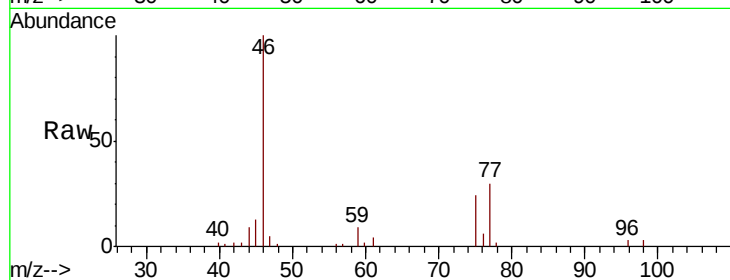
Tot Ion: 96 Resp: 572

Ion Ratio Lower Upper

96 100

61 119.9 87.4 162.2

68 0.0 0.0 0.0

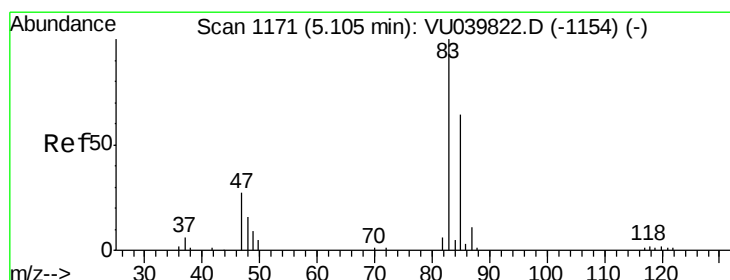
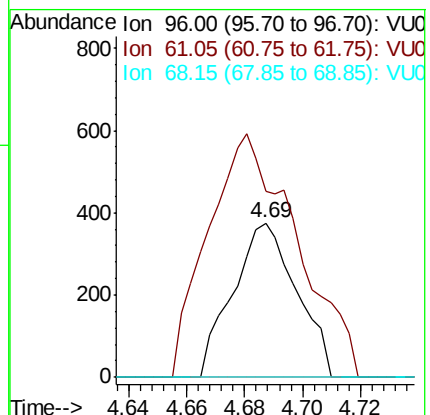
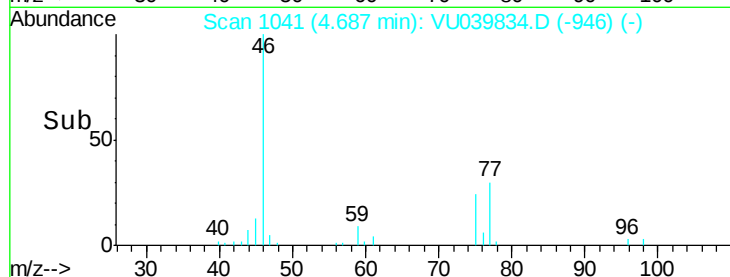


Abundance Ion 96.00 (95.70 to 96.70): VU039822.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039822.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039822.D (-1024) (-)

Time-->



#25

Chloroform

Concen: 0.497 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039834.D

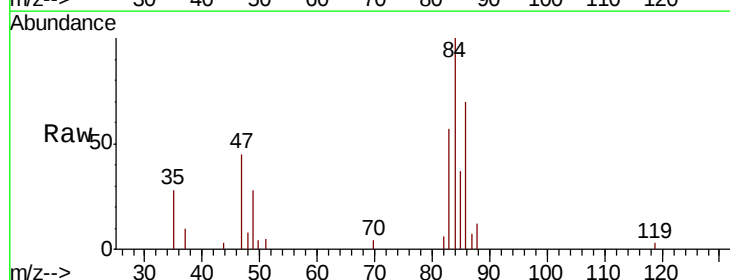
Acq: 10 Aug 2020 19:23

Tgt Ion: 83 Resp: 4935

Ion Ratio Lower Upper

83 100

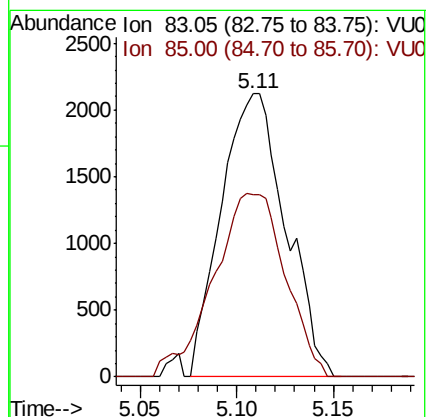
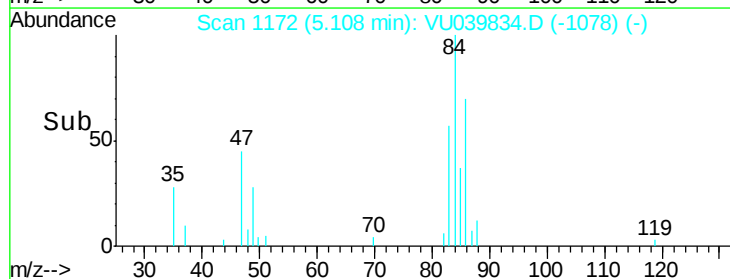
85 64.2 42.1 78.3

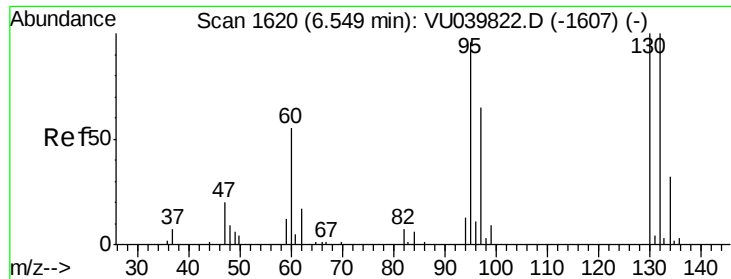


Abundance Ion 83.05 (82.75 to 83.75): VU039822.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039822.D (-1154) (-)

Time-->

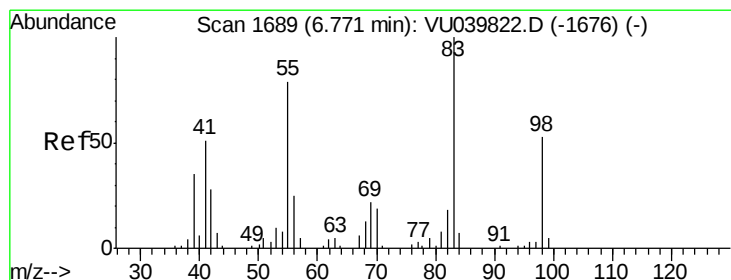
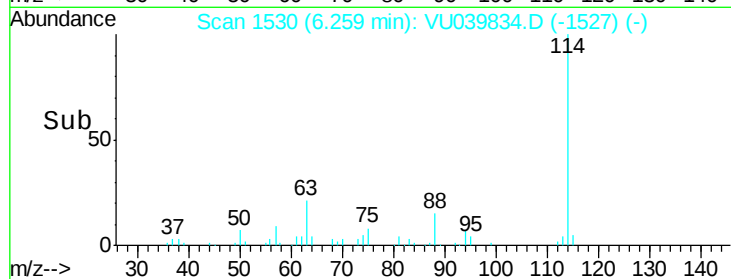
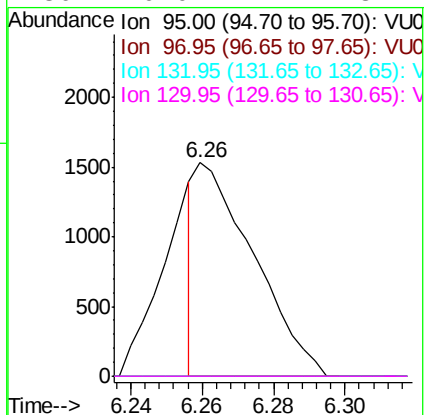
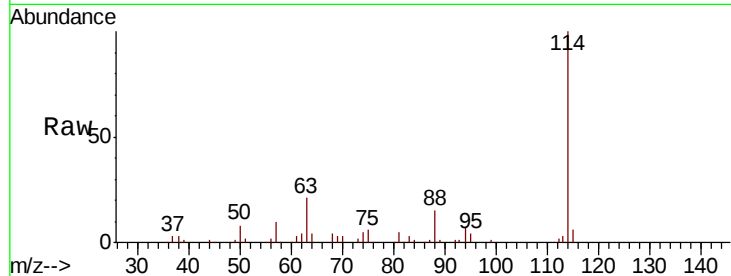




#34
 Trichloroethene
 Concen: 0.319 ug/L
 RT: 6.26 min Scan# 1530
 Delta R.T. -0.29 min
 Lab File: VU039834.D
 Acq: 10 Aug 2020 19:23

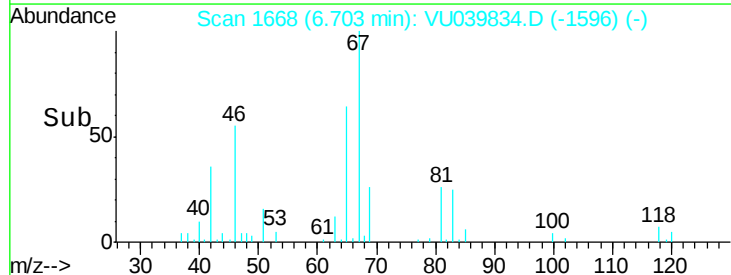
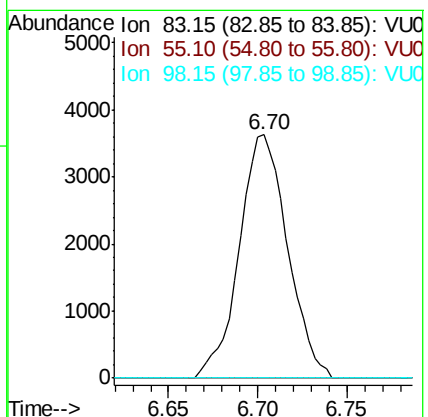
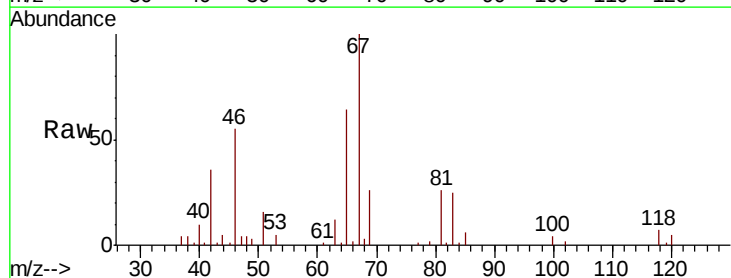
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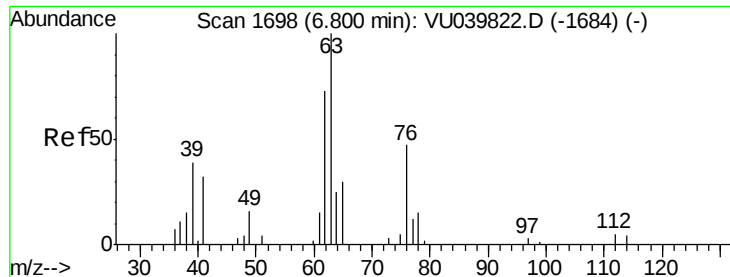
Tot Ion: 95 Resp: 1716
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



#35
 Methylcyclohexane
 Concen: 0.799 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039834.D
 Acq: 10 Aug 2020 19:23

Tgt Ion: 83 Resp: 6846
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 0.0 39.0 58.4#

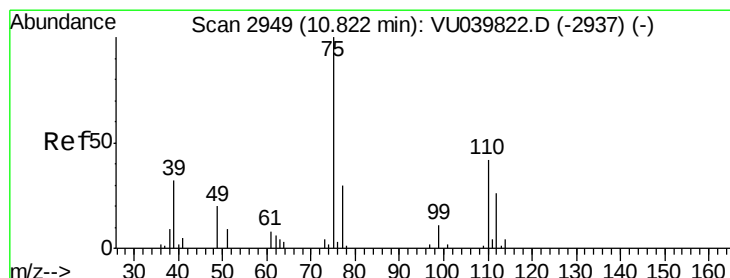
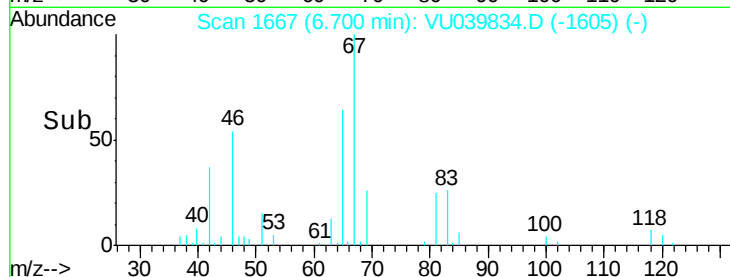
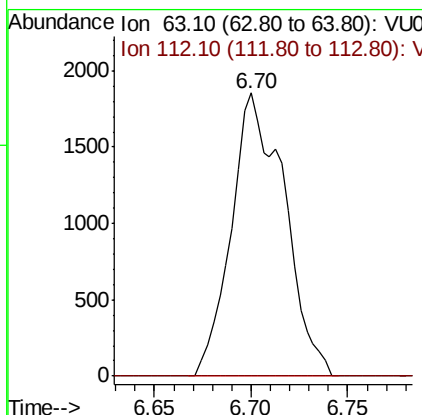
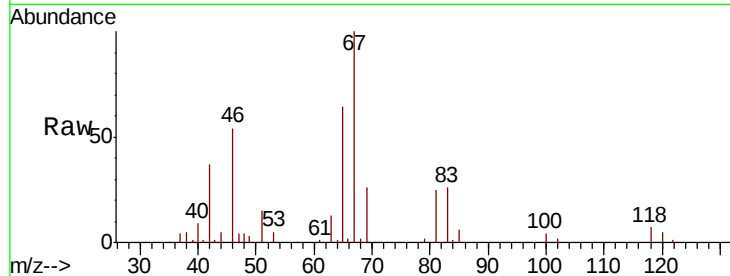




#37
 1,2-Dichloropropane
 Concen: 0.642 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039834.D
 Acq: 10 Aug 2020 19:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 3527
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.291 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039834.D
 Acq: 10 Aug 2020 19:23

Tgt Ion: 75 Resp: 5115
 Ion Ratio Lower Upper
 75 100
 77 38.8 24.6 37.0#

