

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070720\
 Data File : VU039321.D
 Acq On : 07 Jul 2020 18:01
 Operator : SY/MD
 Sample : L3193-13RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4278

Quant Time: Jul 08 01:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37083	6.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.00%
7) Chloroethane-d5	1.93	69	33283	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	55159	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.67	46	168638	60.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.24%
24) Chloroform-d	5.09	84	76984	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
26) 1,2-Dichloroethane-d4	5.72	65	47787	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.74	84	151799	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.40%#
36) 1,2-Dichloropropane-d6	6.71	67	50872	6.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.60%
41) Toluene-d8	7.91	98	132064	6.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.00%
43) trans-1,3-Dichloropropene-	8.19	79	21183	5.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.60%
46) 2-Hexanone-d5	8.65	63	128604	58.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47721	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	51259	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

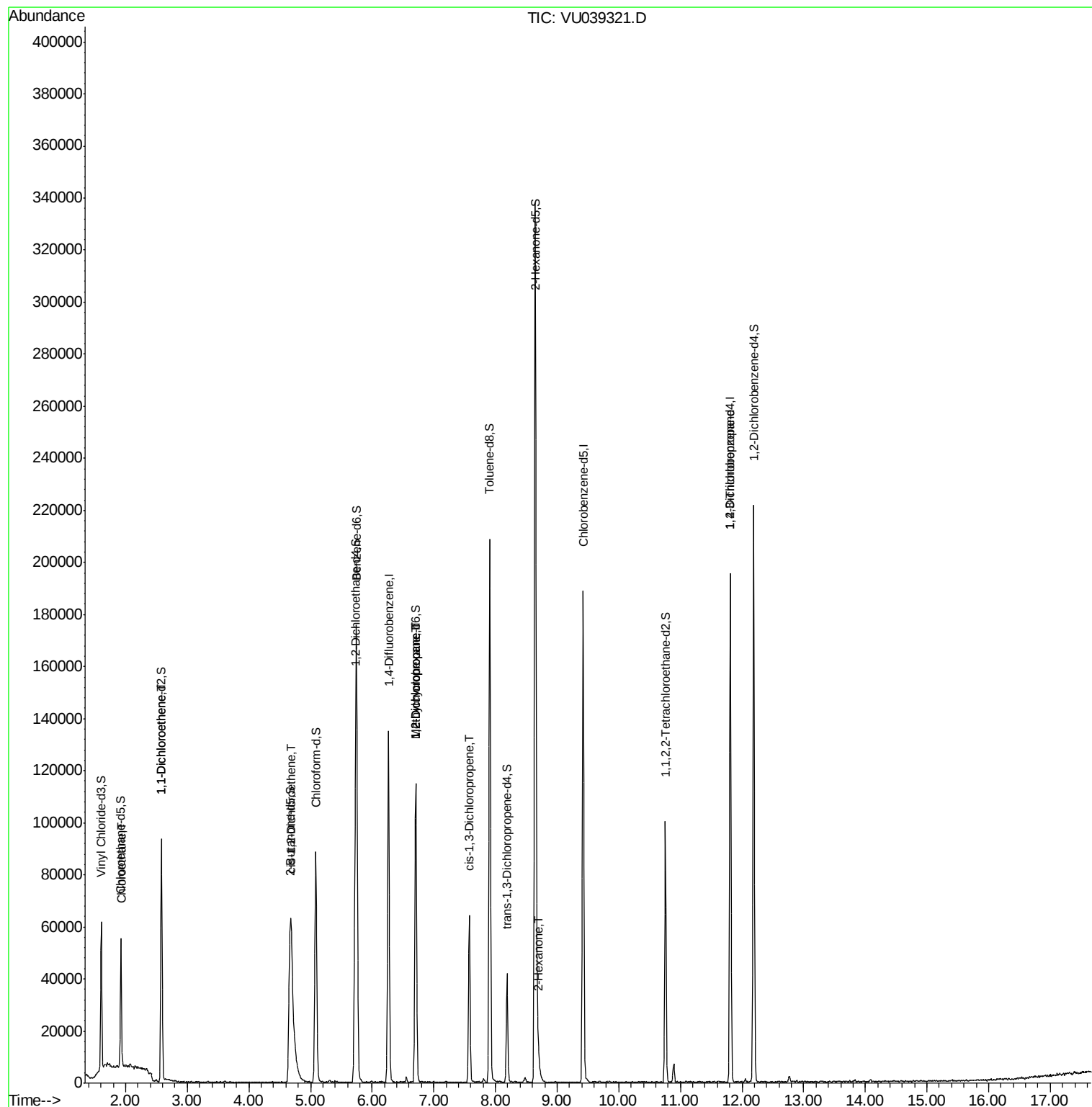
					Ovalue
8) Chloroethane	1.94	64	622	0.100 ug/L #	55
12) 1,1-Dichloroethene	2.58	96	490	0.078 ug/L #	1
22) cis-1,2-Dichloroethene	4.69	96	6147	0.787 ug/L	90
35) Methylcyclohexane	6.71	83	11504	0.939 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5707	0.708 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1835	0.151 ug/L #	69
48) 2-Hexanone	8.70	43	5390	1.087 ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	7491	1.261 ug/L	95

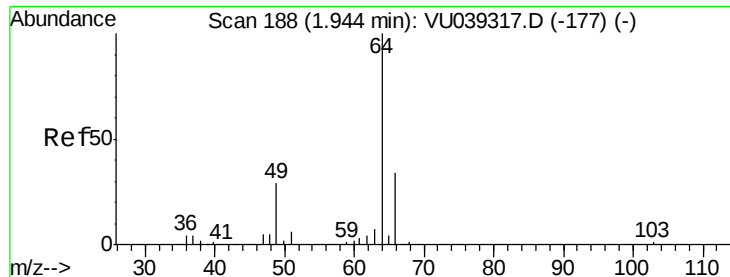
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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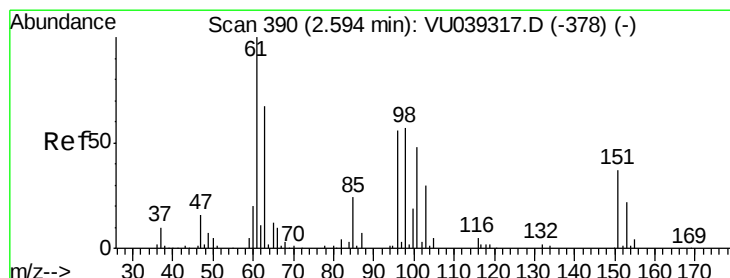
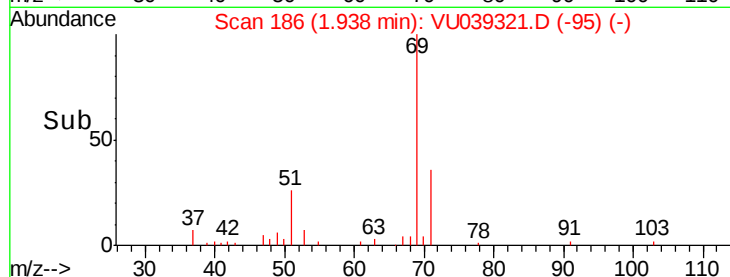
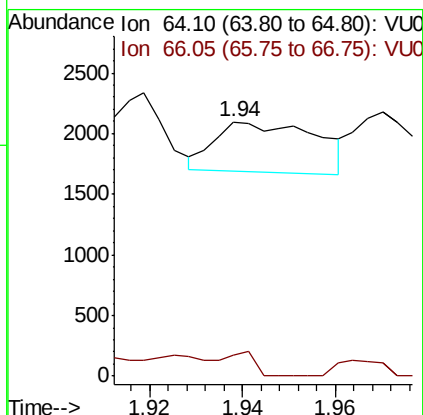
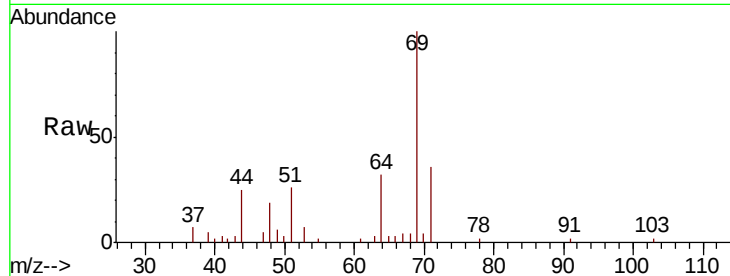




#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU039321.D
Acq: 07 Jul 2020 18:01

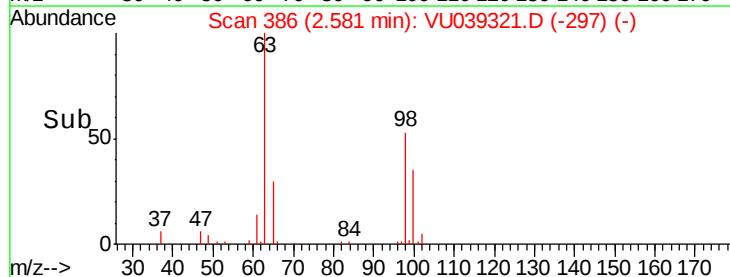
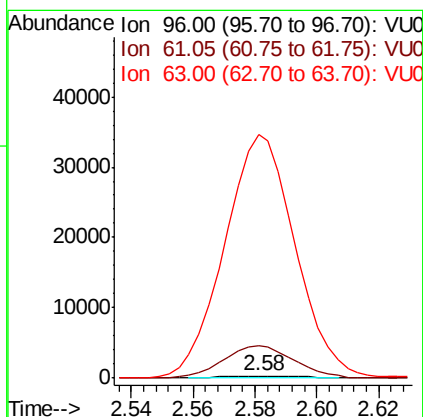
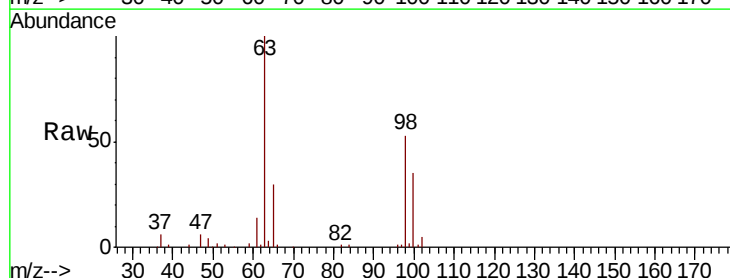
Instrument :
MSVOA_U
ClientSampled :
H4278

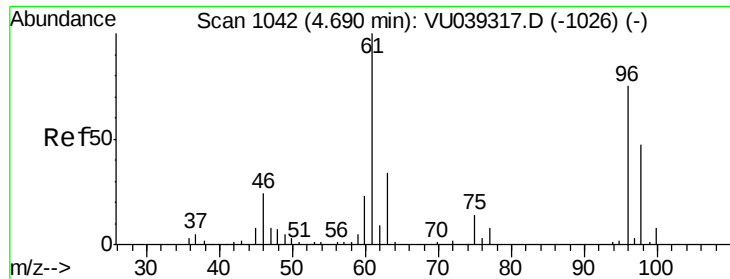
Tot Ion: 64 Resp: 622
Ion Ratio Lower Upper
64 100
66 8.2 23.5 43.7#



#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU039321.D
Acq: 07 Jul 2020 18:01

Tgt Ion: 96 Resp: 490
Ion Ratio Lower Upper
96 100
61 1473.6 125.4 232.8#
63 10888.1 92.7 172.3#

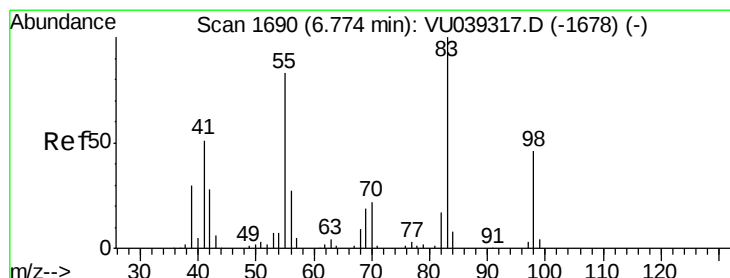
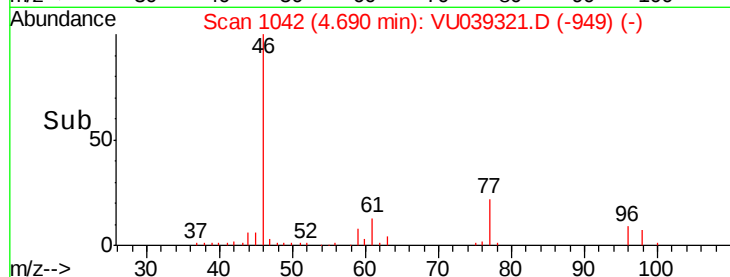
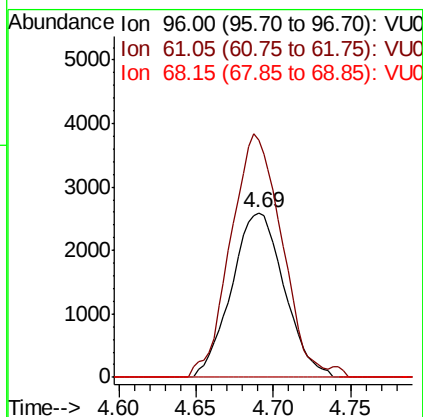
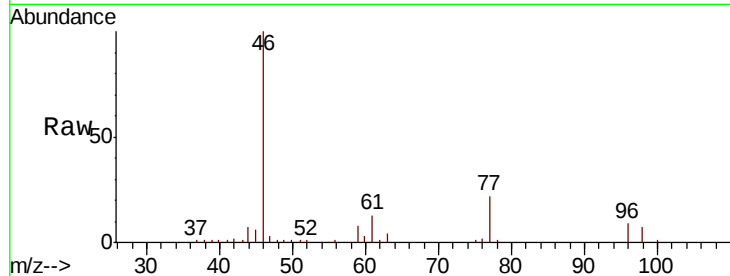




#22
 cis-1,2-Dichloroethene
 Concen: 0.787 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VU039321.D
 Acq: 07 Jul 2020 18:01

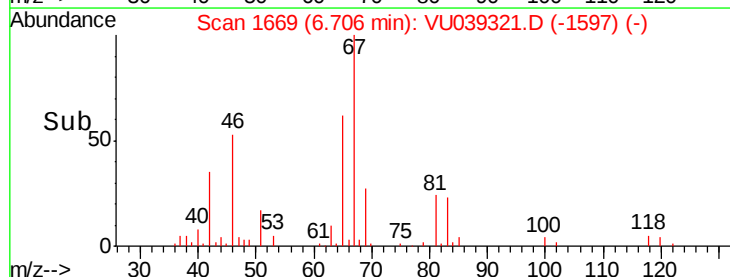
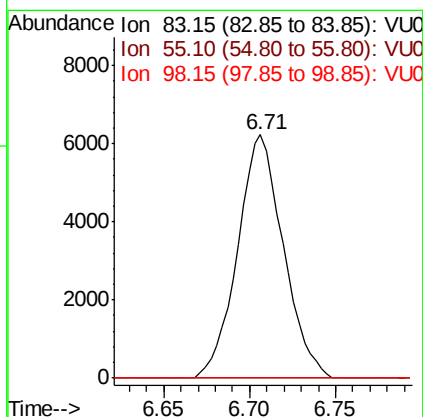
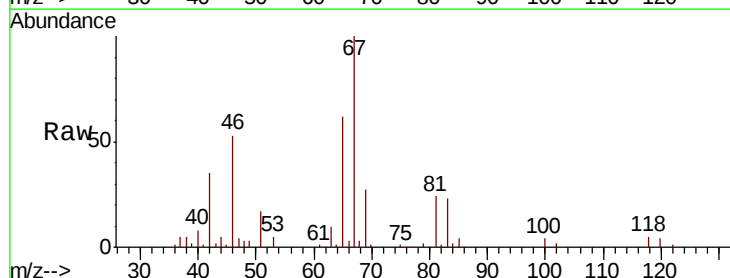
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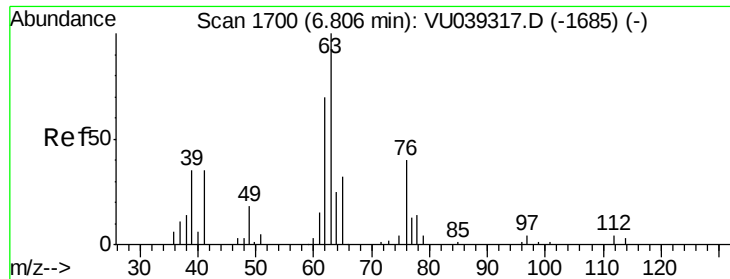
Tot Ion: 96 Resp: 6147
 Ion Ratio Lower Upper
 96 100
 61 144.0 92.8 172.4
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.939 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039321.D
 Acq: 07 Jul 2020 18:01

Tgt Ion: 83 Resp: 11504
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 35.9 53.9#

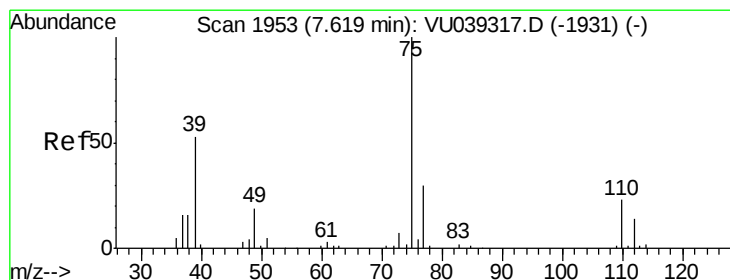
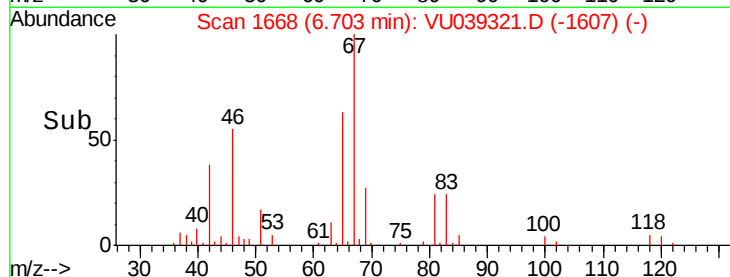
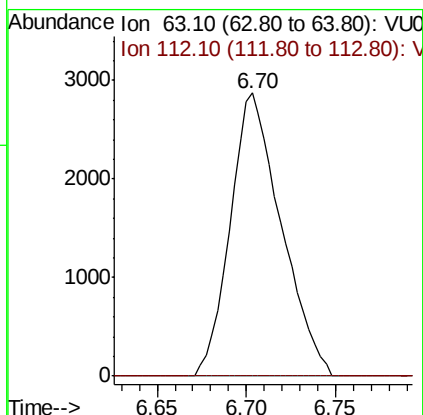
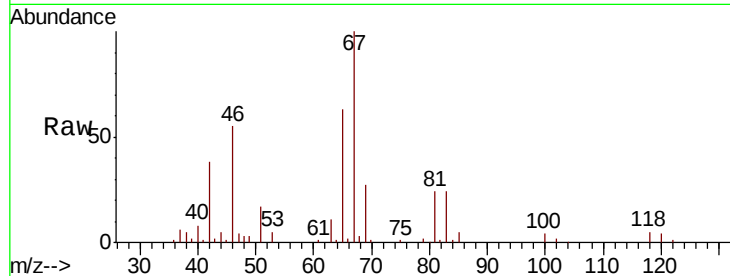




#37
 1,2-Dichloropropane
 Concen: 0.708 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039321.D
 Acq: 07 Jul 2020 18:01

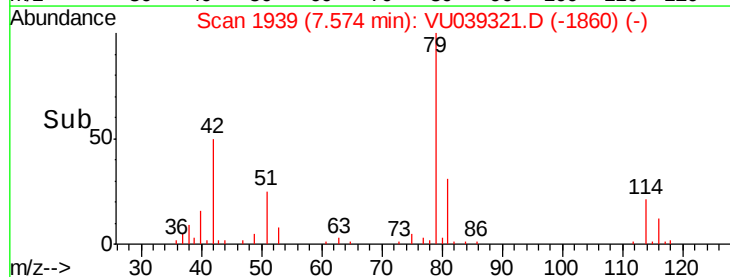
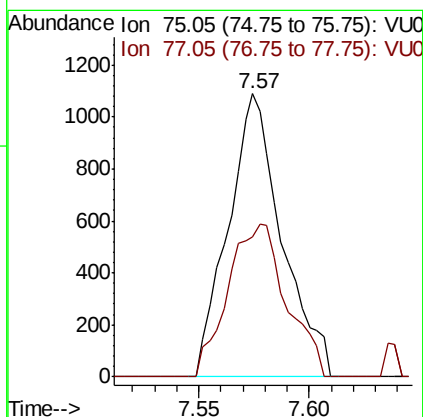
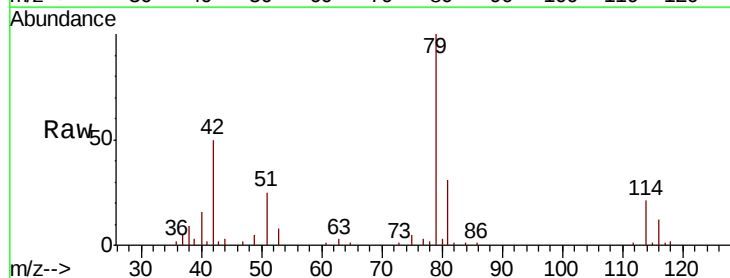
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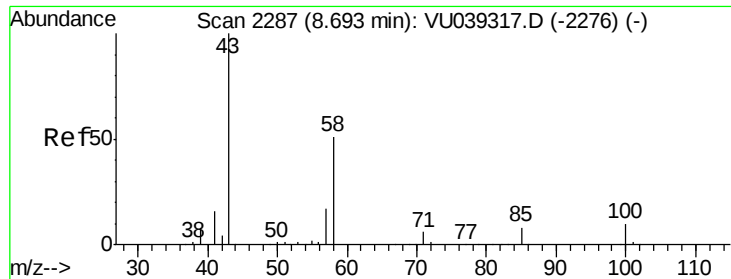
Tot Ion: 63 Resp: 5707
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.151 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.05 min
 Lab File: VU039321.D
 Acq: 07 Jul 2020 18:01

Tgt Ion: 75 Resp: 1835
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.3 41.3#

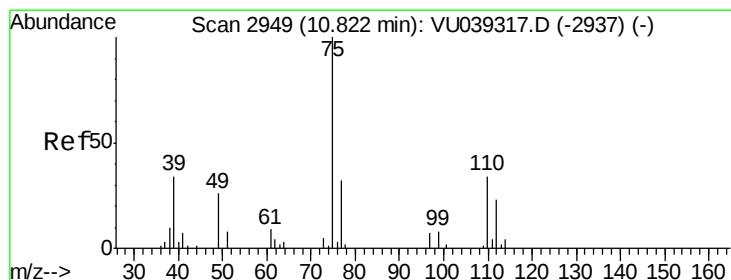
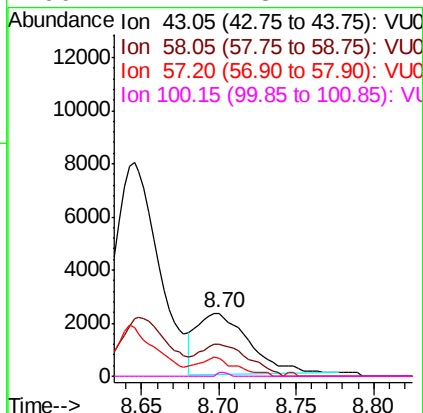
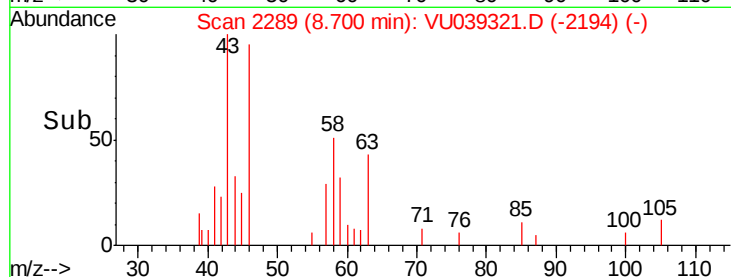
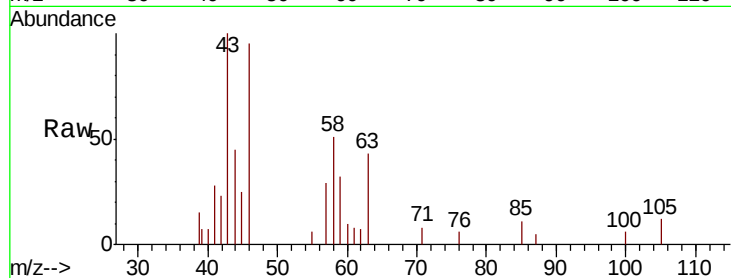




#48
2-Hexanone
Concen: 1.087 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039321.D
Acq: 07 Jul 2020 18:01

Instrument :
MSVOA_U
ClientSampleId :
H4278

Tot Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
58 49.9 42.0 63.0
57 23.7 14.0 21.0#
100 1.4 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.261 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039321.D
Acq: 07 Jul 2020 18:01

Tgt Ion: 75 Resp: 7491
Ion Ratio Lower Upper
75 100
77 36.2 26.8 40.2

