

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039324.D
 Acq On : 07 Jul 2020 19:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

Quant Time: Jul 08 01:47:14 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	116721	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	32680	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.58	63	44365	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	162414	52.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	5.09	84	69675	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	45051	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.75	84	131351	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.71	67	46578	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	106318	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	18448	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	119694	49.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.08%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44100	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45984	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

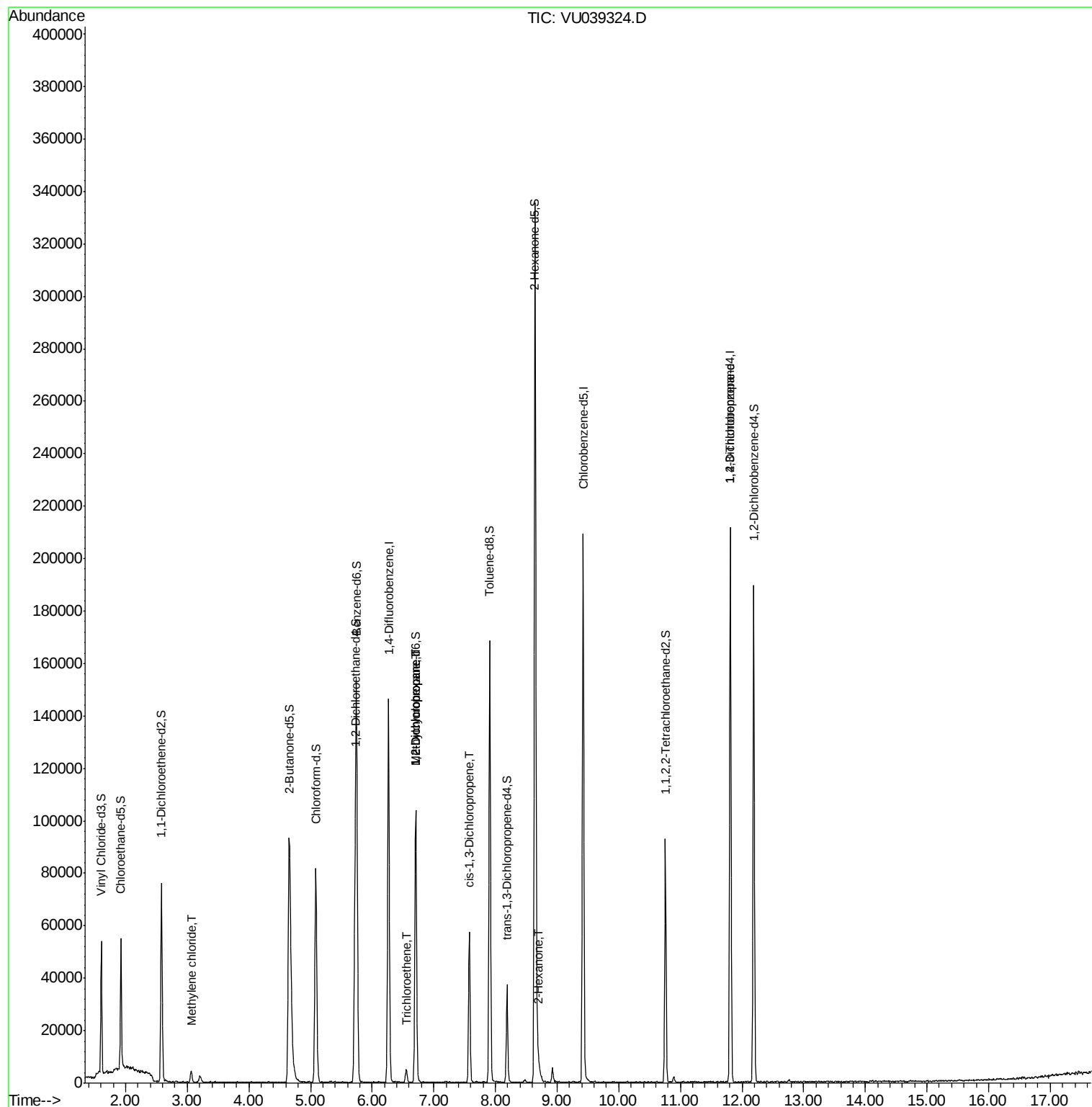
					Ovalue
16) Methylene chloride	3.07	84	2097	0.240 ug/L	95
34) Trichloroethene	6.56	95	1361	0.161 ug/L	85
35) Methylcyclohexane	6.70	83	10474	0.776 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5497	0.618 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1380	0.103 ug/L	91
48) 2-Hexanone	8.70	43	5428	0.993 ug/L #	53
59) 1,2,3-Trichloropropane	11.81	75	7949	1.213 ug/L	89

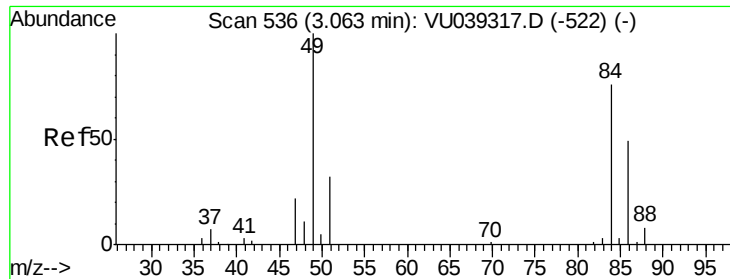
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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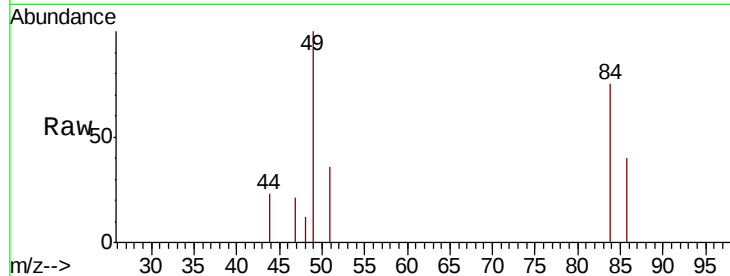




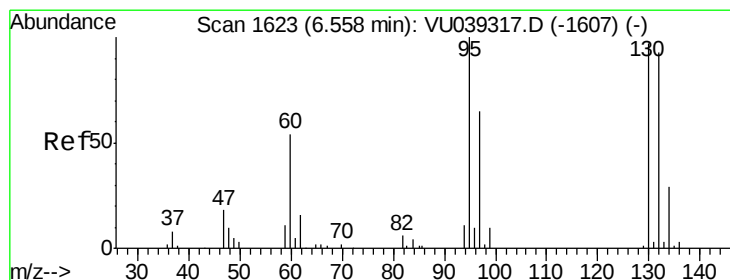
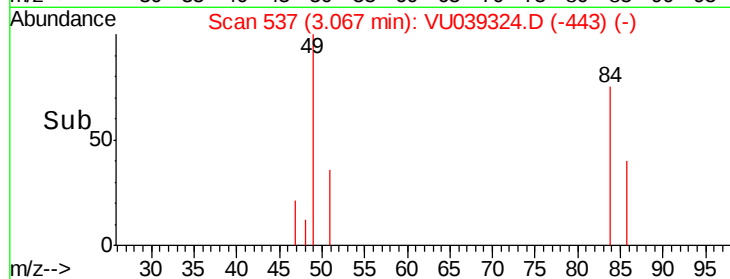
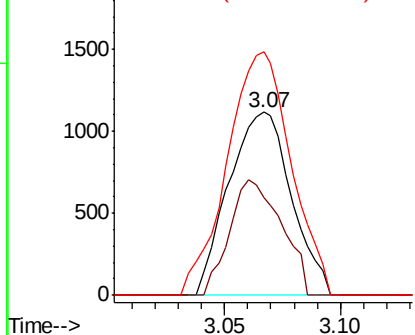
#16
Methvlene chloride
Concen: 0.240 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU039324.D
Acq: 07 Jul 2020 19:10

Instrument :
MSVOA_U
ClientSampleId :
VIBLK34

Tot Ion: 84 Resp: 2097
Ion Ratio Lower Upper
84 100
86 53.4 43.5 80.9
49 132.8 91.1 169.1

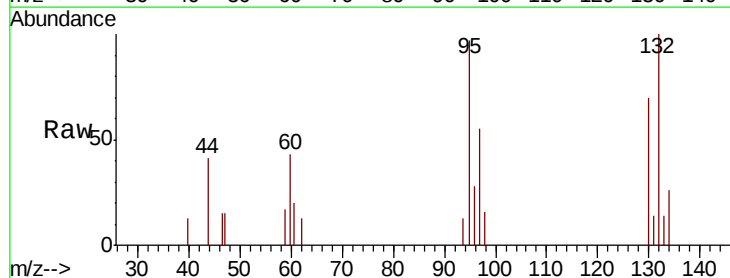


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

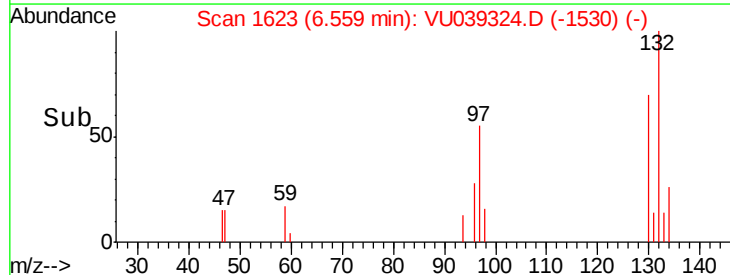
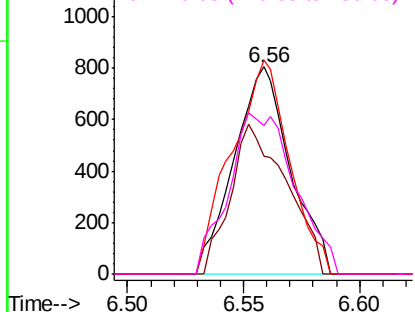


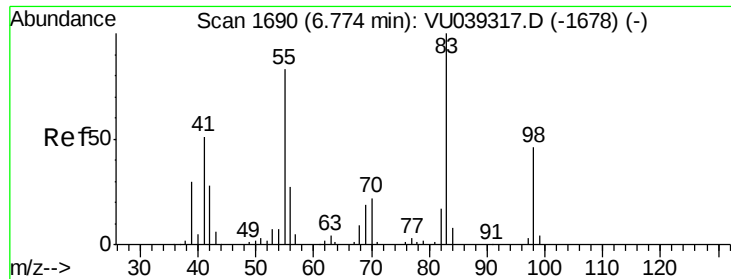
#34
Trichloroethene
Concen: 0.161 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU039324.D
Acq: 07 Jul 2020 19:10

Tgt Ion: 95 Resp: 1361
Ion Ratio Lower Upper
95 100
97 56.8 46.3 85.9
132 103.1 64.0 118.8
130 71.9 64.3 119.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

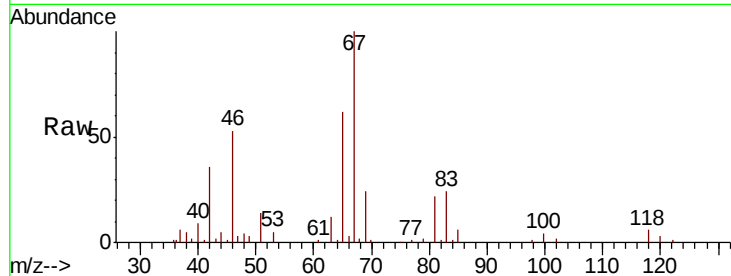




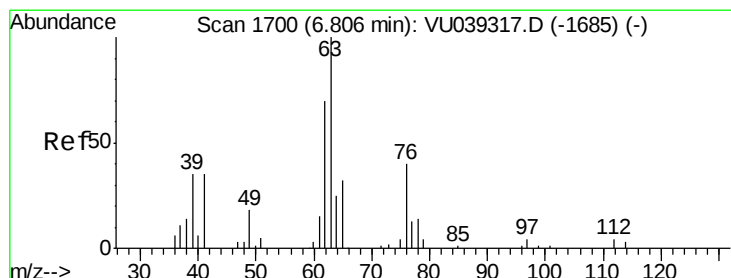
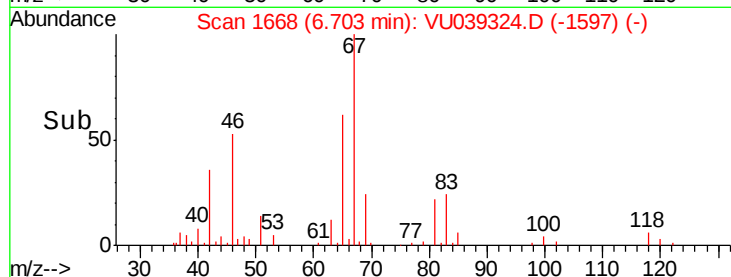
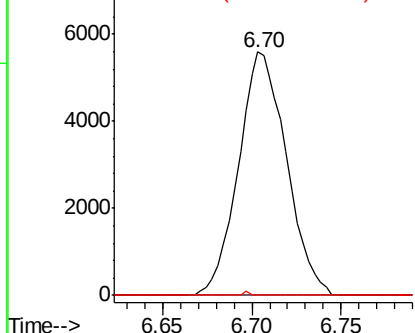
#35
Methvlcvclohexane
Concen: 0.776 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039324.D
Acq: 07 Jul 2020 19:10

Instrument :
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ClientSampleId :
VIBLK34

Tot Ion: 83 Resp: 10474
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#

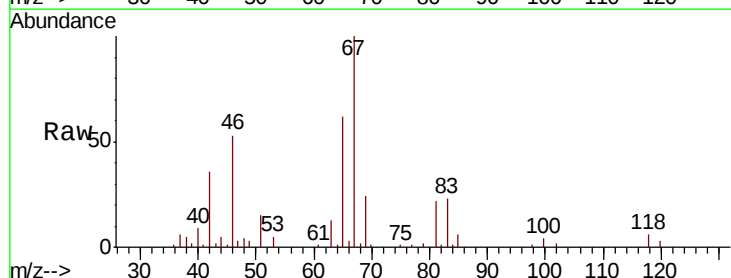


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

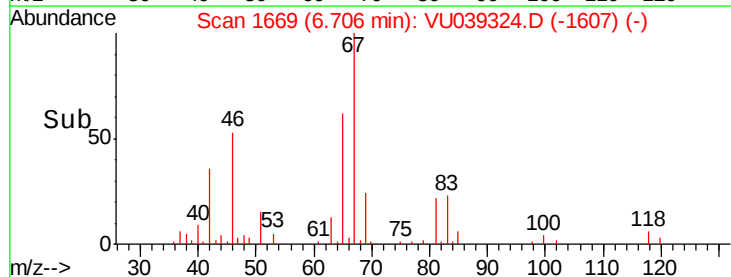
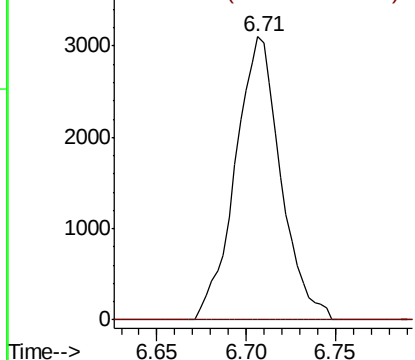


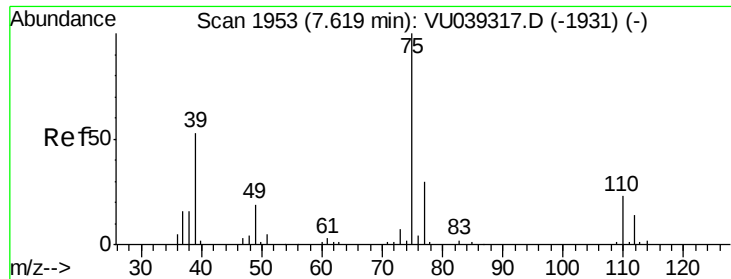
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039324.D
Acq: 07 Jul 2020 19:10

Tgt Ion: 63 Resp: 5497
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

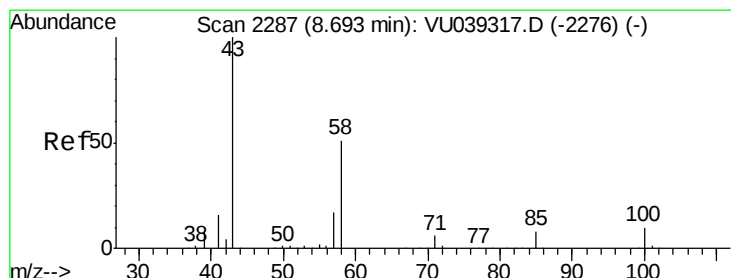
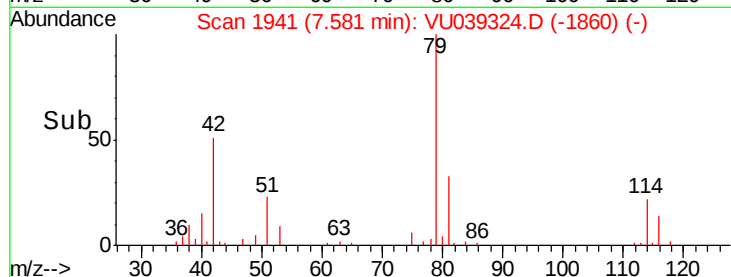
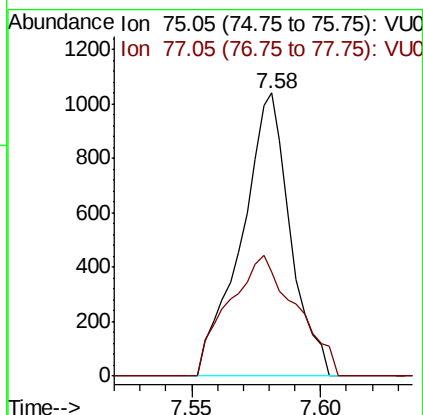
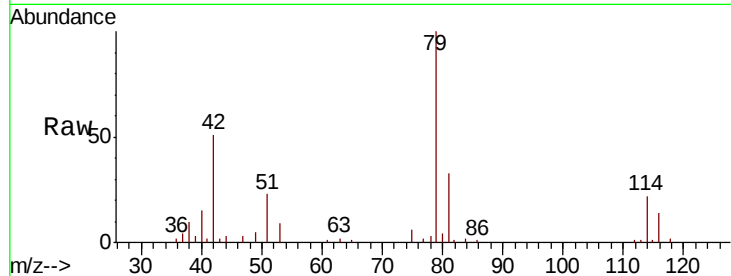




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039324.D
 Acq: 07 Jul 2020 19:10

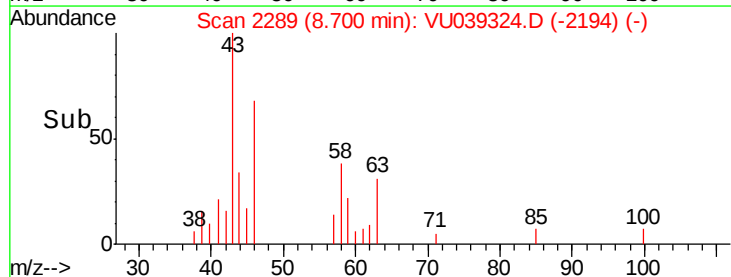
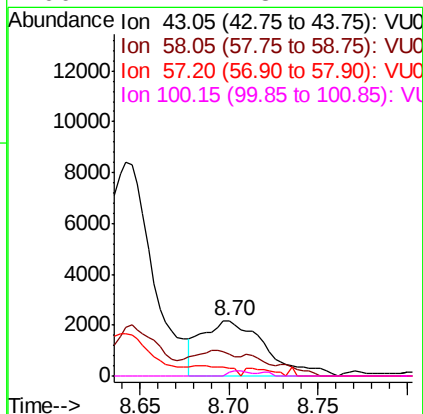
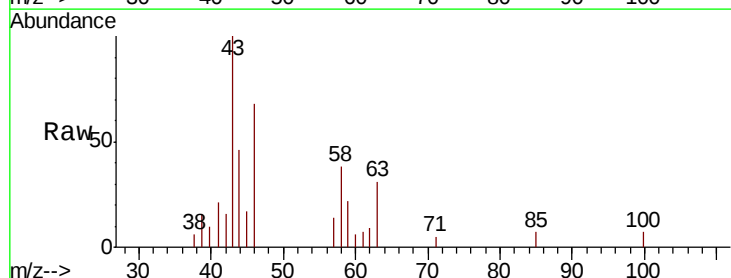
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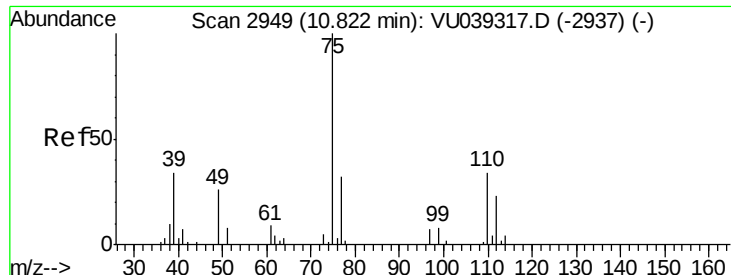
Tot Ion: 75 Resp: 1380
 Ion Ratio Lower Upper
 75 100
 77 36.8 22.3 41.3



#48
 2-Hexanone
 Concen: 0.993 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039324.D
 Acq: 07 Jul 2020 19:10

Tgt Ion: 43 Resp: 5428
 Ion Ratio Lower Upper
 43 100
 58 10.8 42.0 63.0#
 57 5.6 14.0 21.0#
 100 4.4 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039324.D

Acq: 07 Jul 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

VIBLK34

Tot Ion: 75 Resp: 7949

Ion Ratio Lower Upper

75 100

77 39.9 26.8 40.2

