

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039534.D
 Acq On : 16 Jul 2020 19:10
 Operator : SY/MD
 Sample : L3292-17 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93925	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19208	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.93	69	20919	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.58	63	32455	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	107779	43.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.54%
24) Chloroform-d	5.08	84	49499	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	31708	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.75	84	97771	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	32441	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.91	98	83669	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	12051	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.64	63	73497	37.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29470	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33530	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

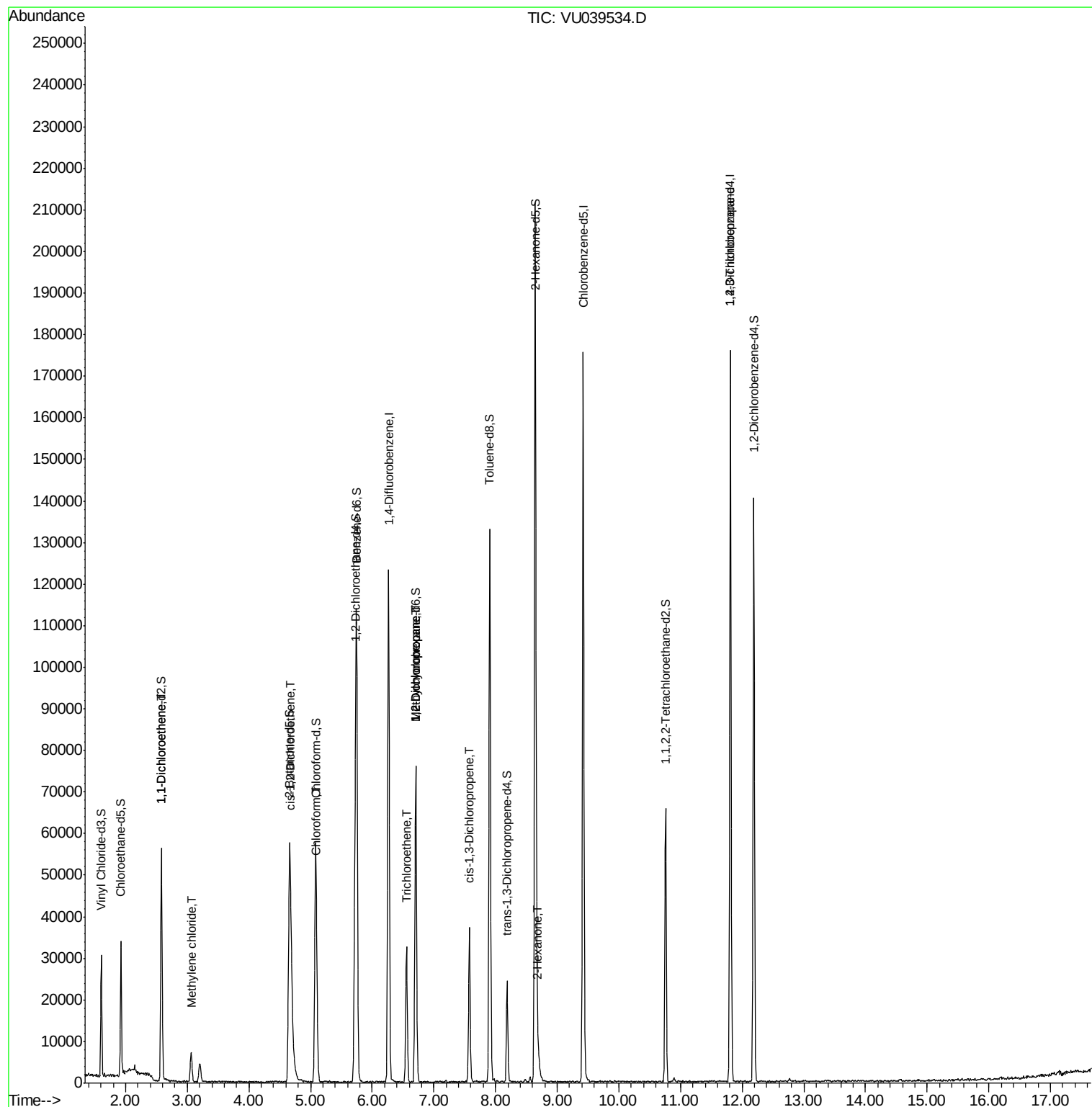
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	357	0.064	ug/L #	1
16) Methylene chloride	3.06	84	3271	0.466	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	712	0.103	ug/L	87
25) Chloroform	5.11	83	3876	0.317	ug/L	97
34) Trichloroethene	6.56	95	9886	1.435	ug/L	94
35) Methylcyclohexane	6.71	83	7598	0.688	ug/L #	23
37) 1,2-Dichloropropane	6.70	63	4225	0.582	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1074	0.098	ug/L #	72
48) 2-Hexanone	8.69	43	4145	0.927	ug/L #	97
59) 1,2,3-Trichloropropane	11.81	75	6962	1.300	ug/L #	88

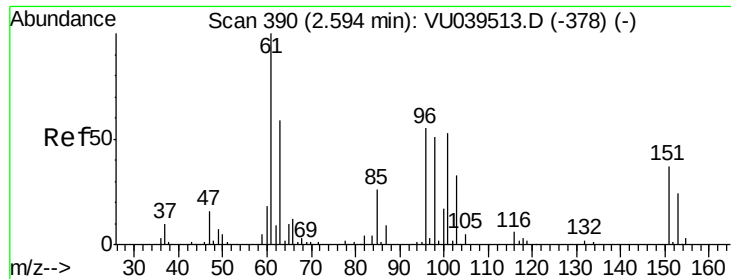
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

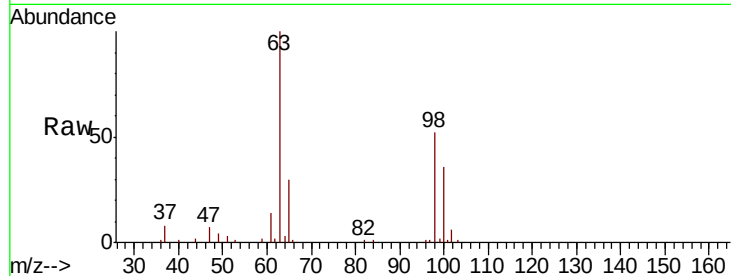




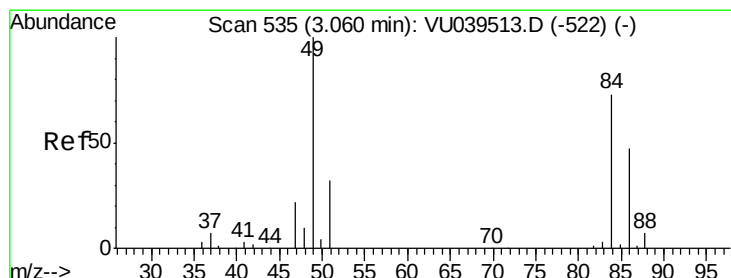
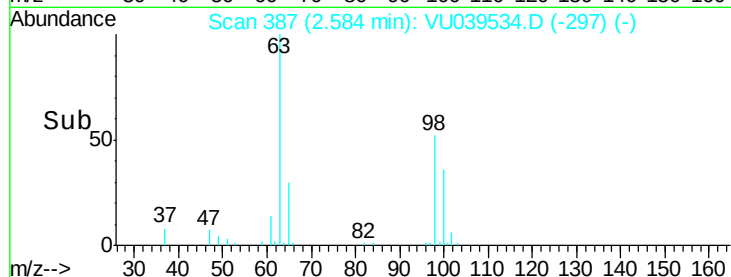
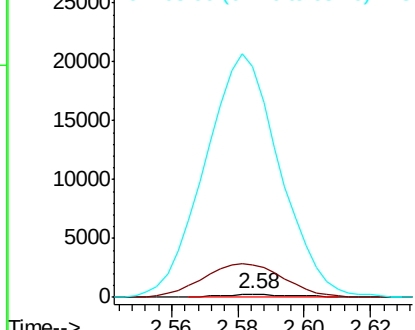
#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU039534.D
Acq: 16 Jul 2020 19:10

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 973.3 125.4 232.8#
63 6899.6 92.7 172.3#

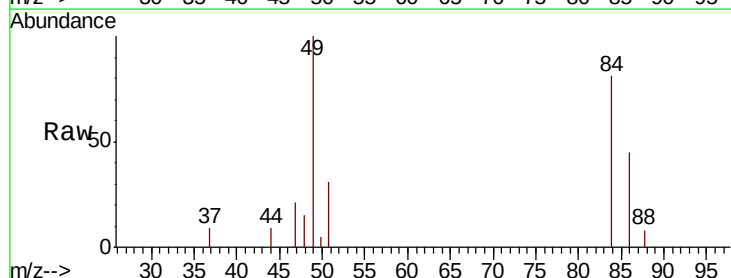


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0

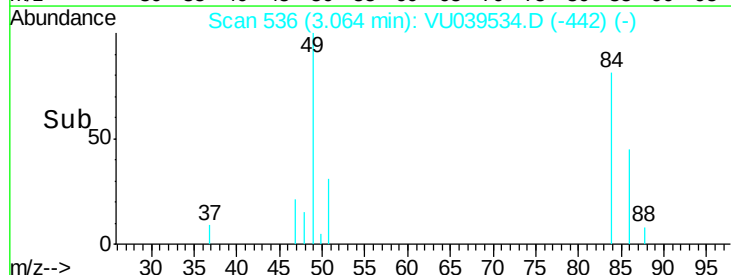
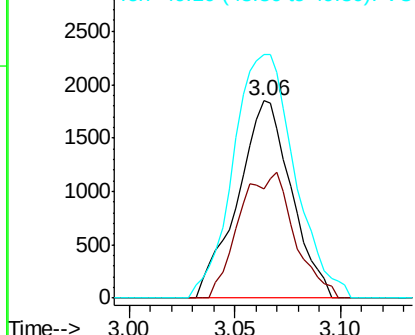


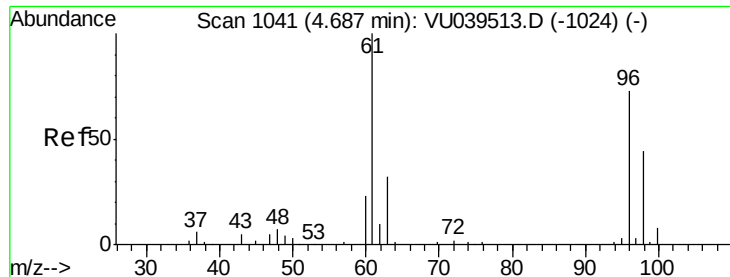
#16
Methylene chloride
Concen: 0.466 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039534.D
Acq: 16 Jul 2020 19:10

Tgt Ion: 84 Resp: 3271
Ion Ratio Lower Upper
84 100
86 55.6 43.5 80.9
49 123.5 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





#22

cis-1,2-Dichloroethene

Concen: 0.103 ug/L

RT: 4.68 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VU039534.D

Acq: 16 Jul 2020 19:10

Instrument :

MSVOA_U

ClientSampled :

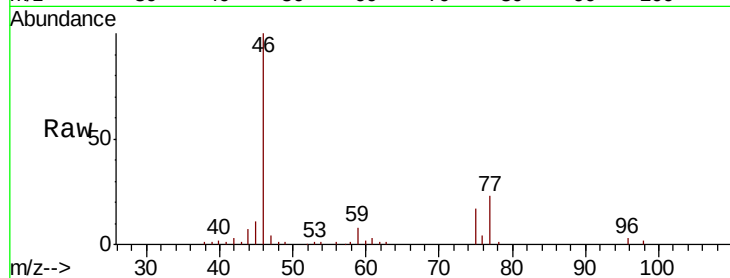
Tot Ion: 96 Resp: 712

Ion Ratio Lower Upper

96 100

61 117.3 92.8 172.4

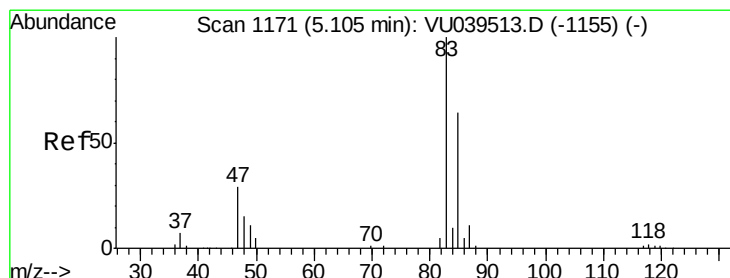
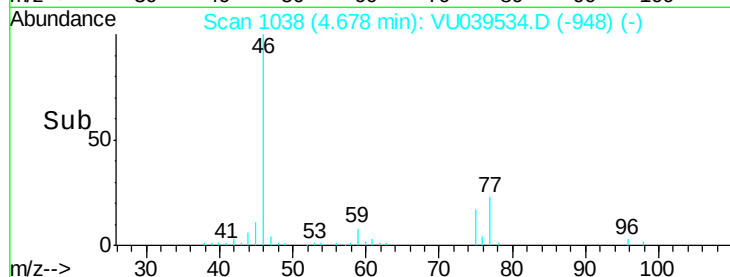
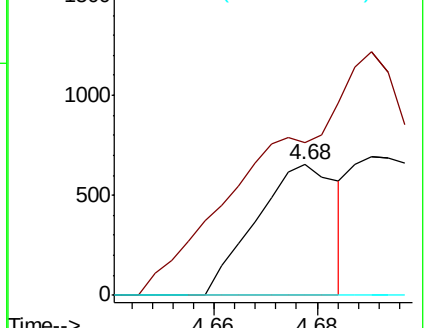
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.317 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039534.D

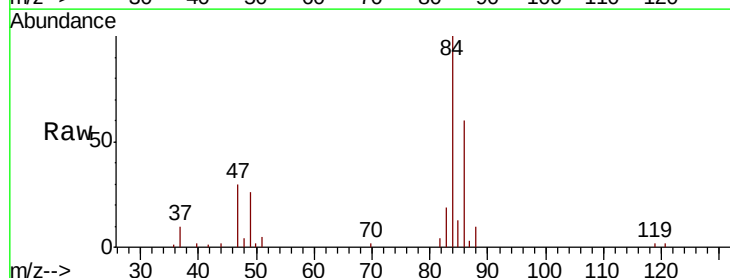
Acq: 16 Jul 2020 19:10

Tgt Ion: 83 Resp: 3876

Ion Ratio Lower Upper

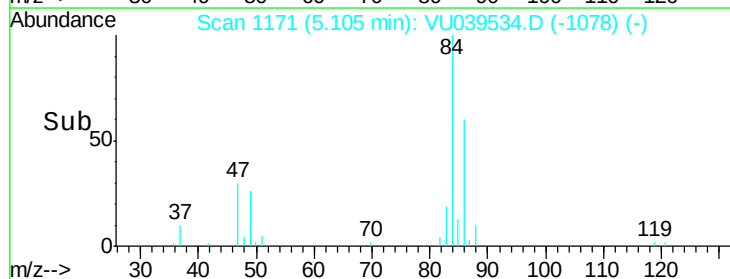
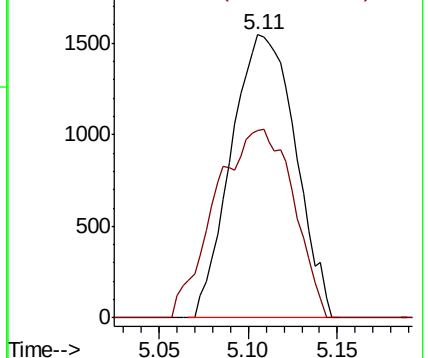
83 100

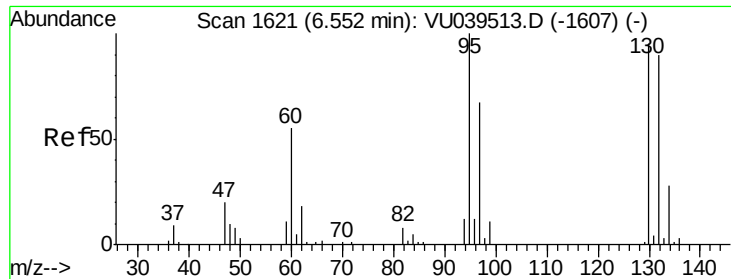
85 66.3 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

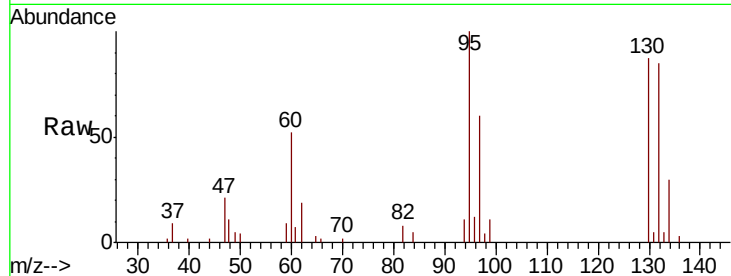




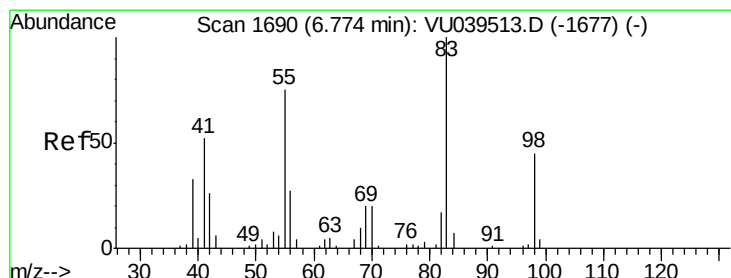
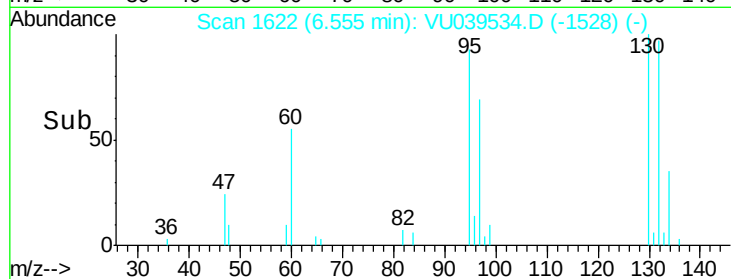
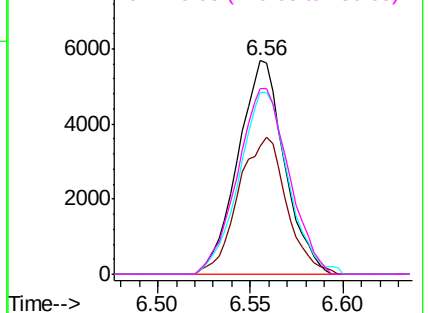
#34
 Trichloroethene
 Concen: 1.435 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039534.D
 Acq: 16 Jul 2020 19:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 9886
 Ion Ratio Lower Upper
 95 100
 97 60.1 46.3 85.9
 132 84.8 64.0 118.8
 130 87.1 64.3 119.5

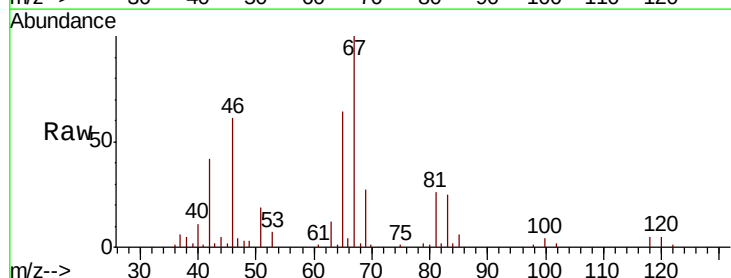


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

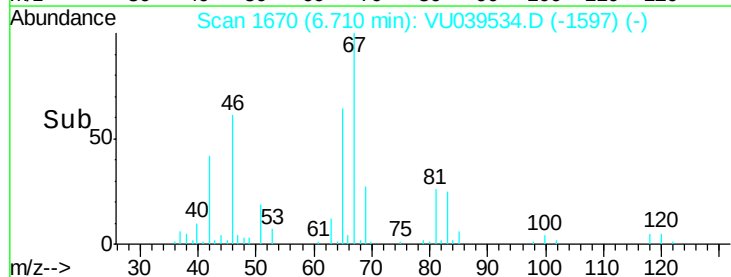
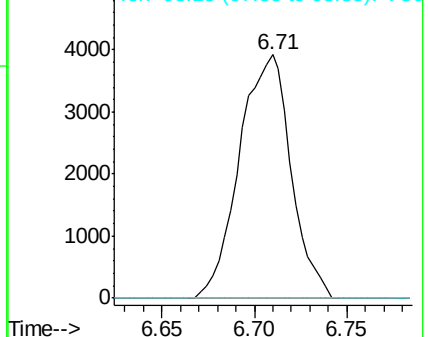


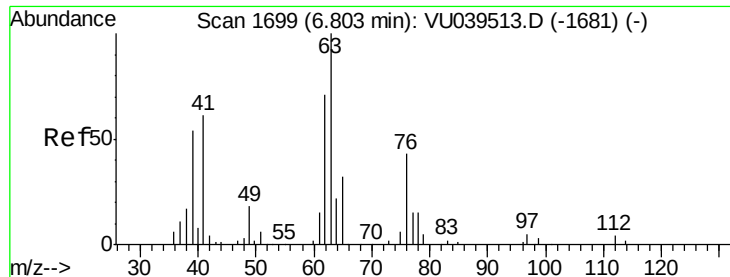
#35
 Methylcyclohexane
 Concen: 0.688 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.06 min
 Lab File: VU039534.D
 Acq: 16 Jul 2020 19:10

Tgt Ion: 83 Resp: 7598
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 8.3 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

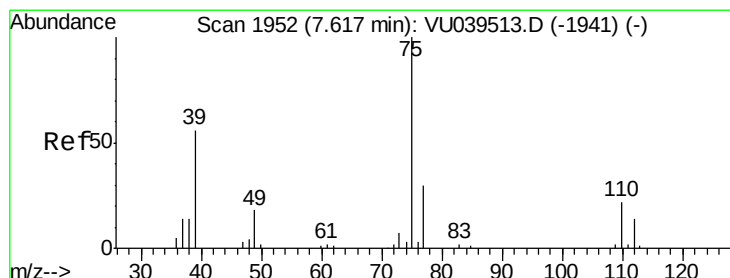
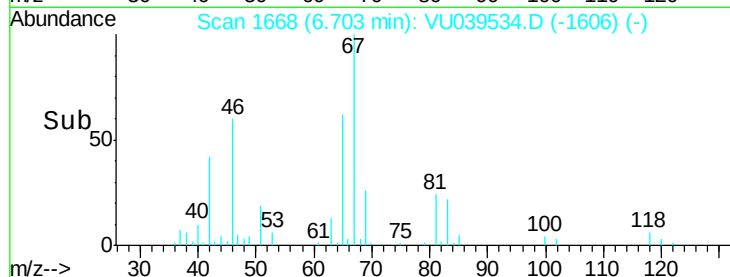
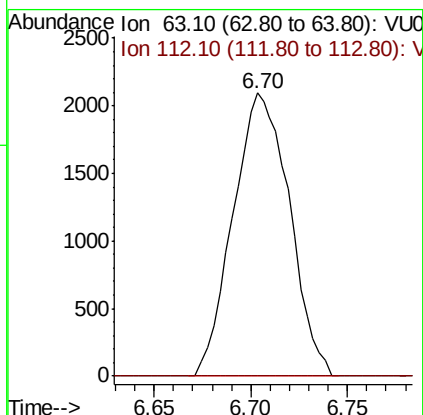
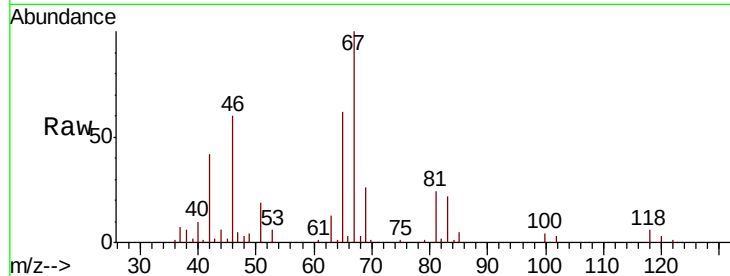




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039534.D
 Acq: 16 Jul 2020 19:10

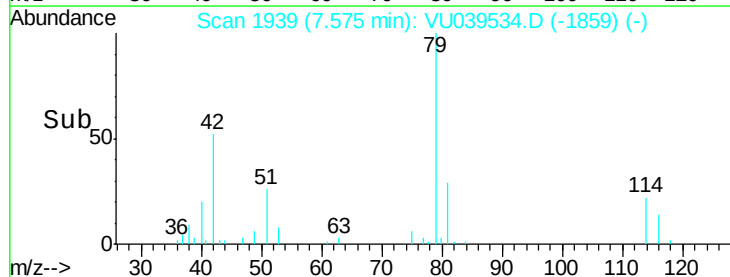
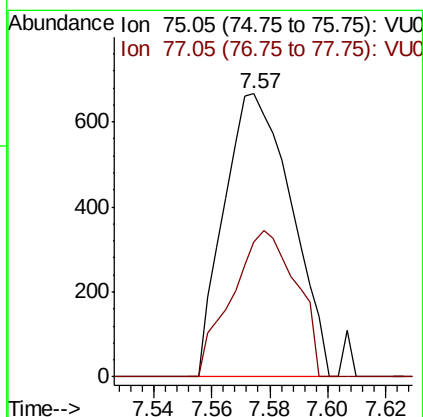
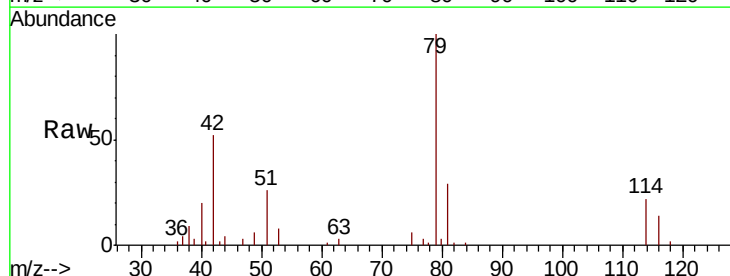
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 ClientSampleId :

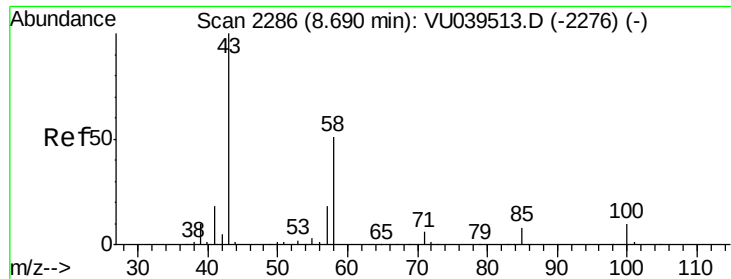
Tot Ion: 63 Resp: 4225
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039534.D
 Acq: 16 Jul 2020 19:10

Tgt Ion: 75 Resp: 1074
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.3 41.3#





#48

2-Hexanone

Concen: 0.927 ug/L

RT: 8.69 min Scan# 2287

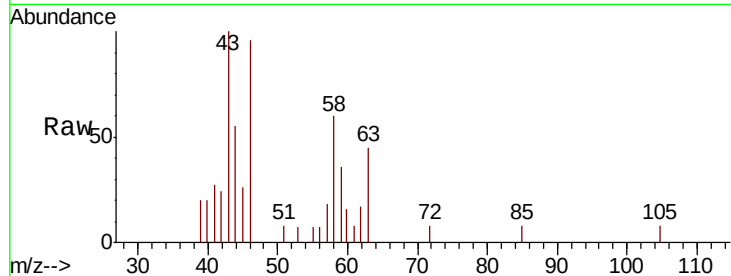
Delta R.T. 0.00 min

Lab File: VU039534.D

Acq: 16 Jul 2020 19:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	4145
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.0	63.0
57	15.0	14.0	21.0
100	4.1	8.2	12.2#

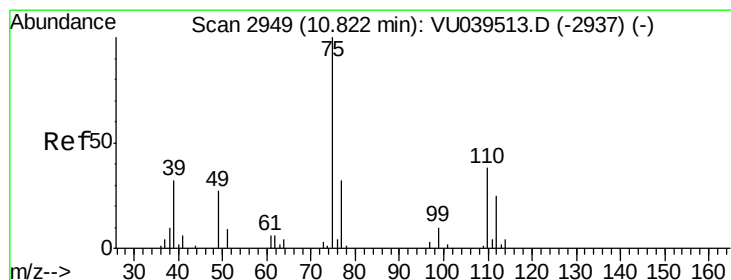
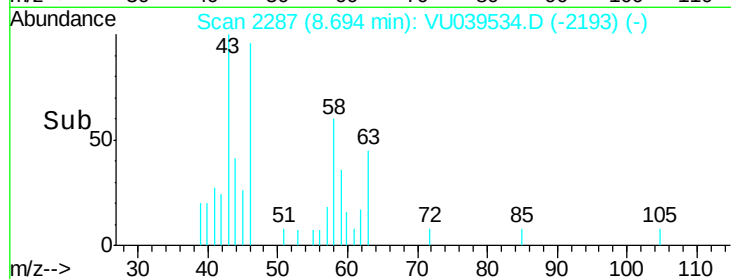
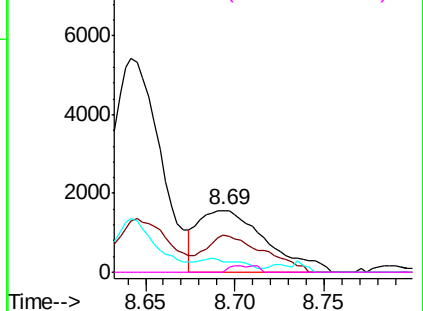


Abundance Ion 43.05 (42.75 to 43.75): VU039513.D (-2276) (-)

Ion 58.05 (57.75 to 58.75): VU039513.D (-2276) (-)

Ion 57.20 (56.90 to 57.90): VU039513.D (-2276) (-)

Ion 100.15 (99.85 to 100.85): VU039513.D (-2276) (-)



#59

1,2,3-Trichloropropane

Concen: 1.300 ug/L

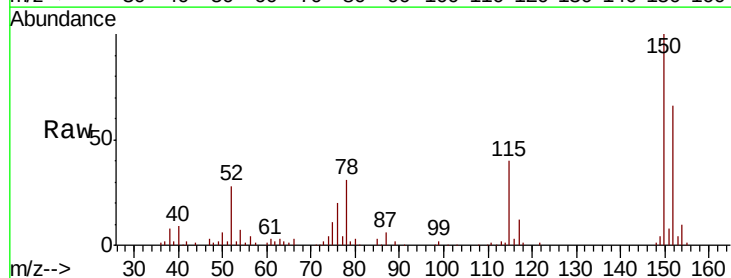
RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039534.D

Acq: 16 Jul 2020 19:10

Tgt Ion:	75	Resp:	6962
Ion	Ratio	Lower	Upper
75	100		
77	40.2	26.8	40.2#



Abundance Ion 75.00 (74.70 to 75.70): VU039513.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039513.D (-2937) (-)

