

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039561.D
 Acq On : 17 Jul 2020 19:30
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Jul 17 23:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	87995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19777	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.92	69	20682	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.58	63	31525	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	102969	44.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.26%
24) Chloroform-d	5.09	84	41550	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.72	65	31990	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	93219	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.71	67	31705	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.91	98	82964	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.19	79	12482	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	71468	39.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28114	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33074	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

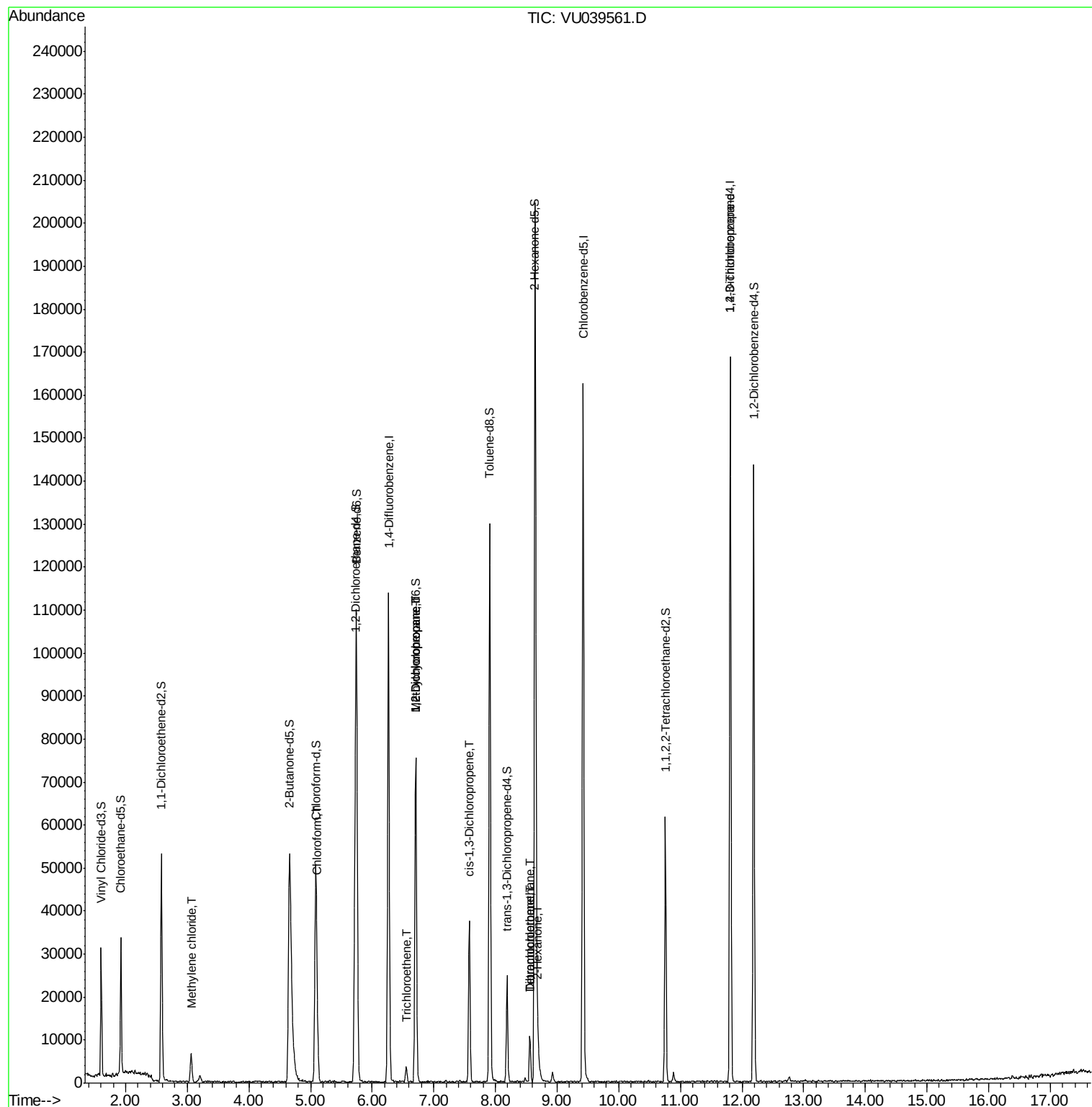
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	3082	0.468	ug/L	87
25) Chloroform	5.11	83	9842	0.860	ug/L	97
34) Trichloroethene	6.55	95	1224	0.192	ug/L #	50
35) Methylcyclohexane	6.71	83	7546	0.741	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	3804	0.567	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1165	0.115	ug/L	99
47) Tetrachloroethene	8.56	164	2035	0.460	ug/L	78
48) 2-Hexanone	8.70	43	3965	0.961	ug/L #	92
49) Dibromochloromethane	8.56	129	2219	0.380	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6110	1.236	ug/L	89

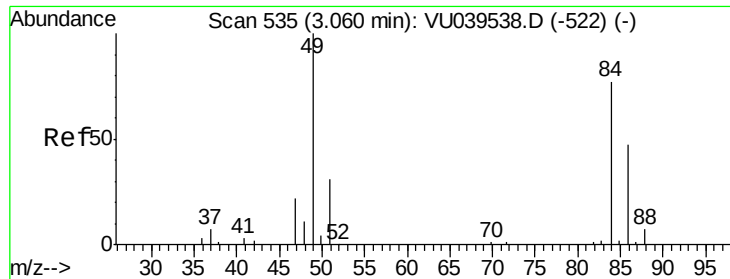
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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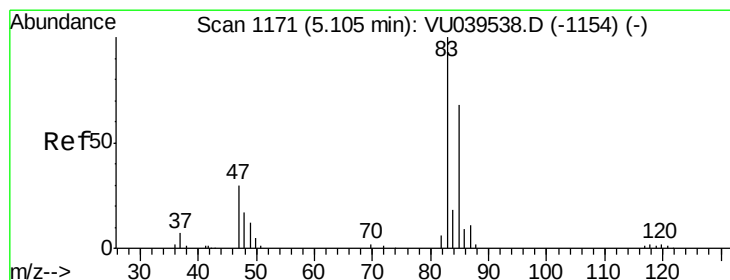
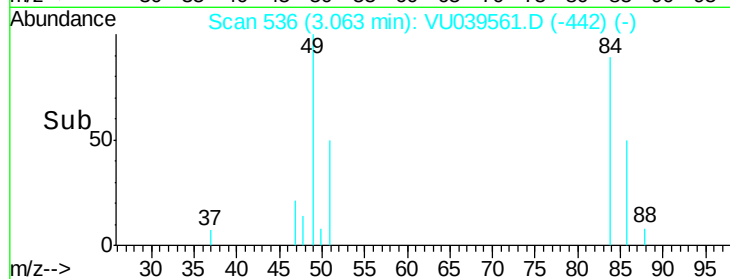
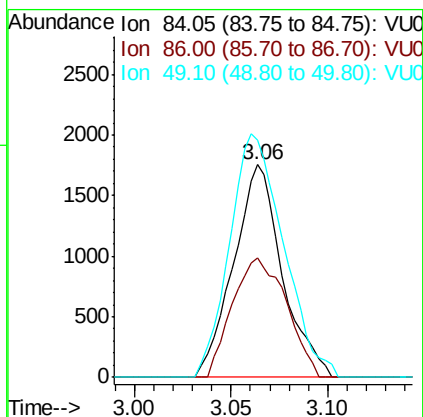
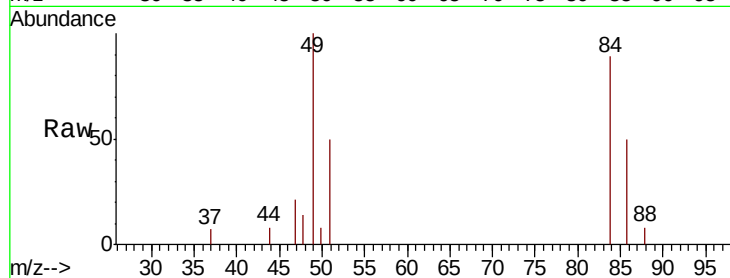




#16
Methylene chloride
Concen: 0.468 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039561.D
Acq: 17 Jul 2020 19:30

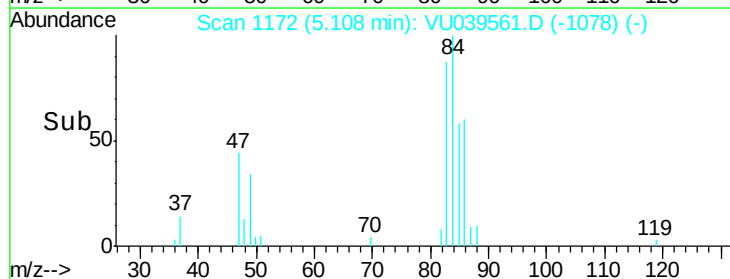
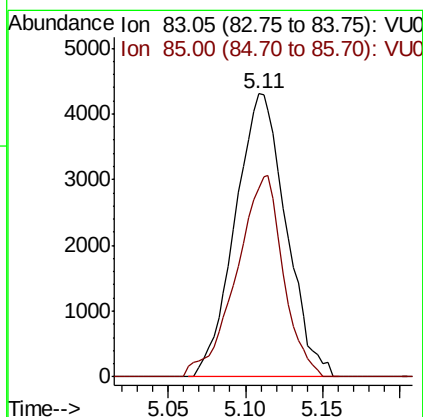
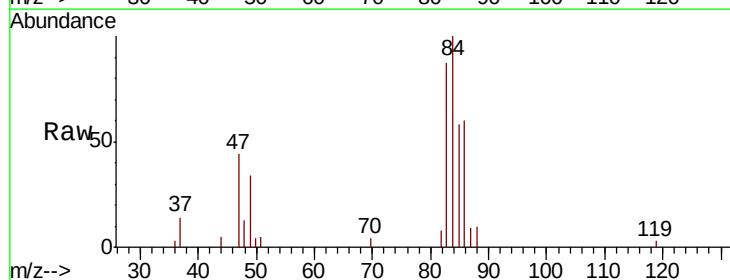
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

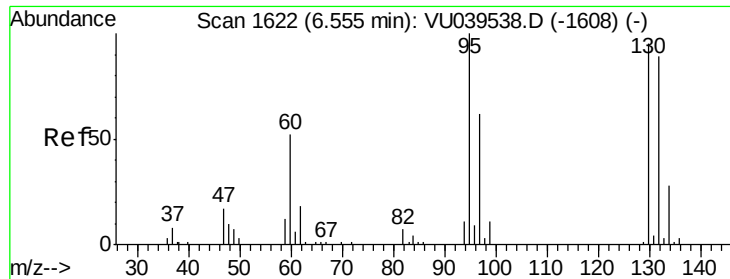
Tot Ion: 84 Resp: 3082
Ion Ratio Lower Upper
84 100
86 56.2 43.5 80.9
49 111.9 91.1 169.1



#25
Chloroform
Concen: 0.860 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039561.D
Acq: 17 Jul 2020 19:30

Tgt Ion: 83 Resp: 9842
Ion Ratio Lower Upper
83 100
85 66.8 44.9 83.5





#34

Trichloroethene

Concen: 0.192 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039561.D

Acq: 17 Jul 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tot Ion: 95 Resp: 1224

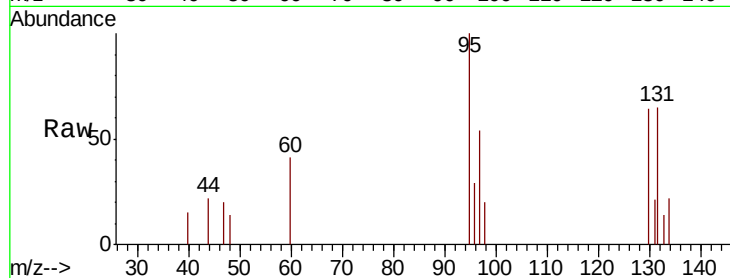
Ion Ratio Lower Upper

95 100

97 53.5 46.3 85.9

132 0.0 64.0 118.8#

130 63.8 64.3 119.5#



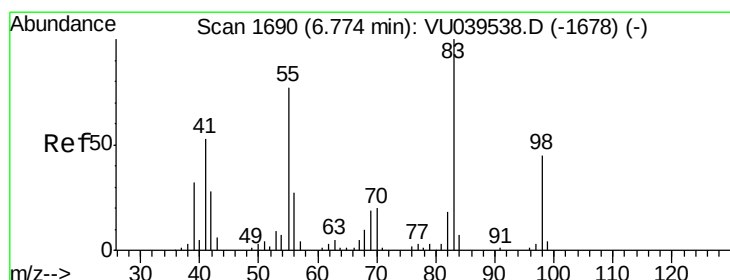
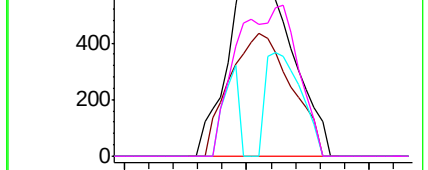
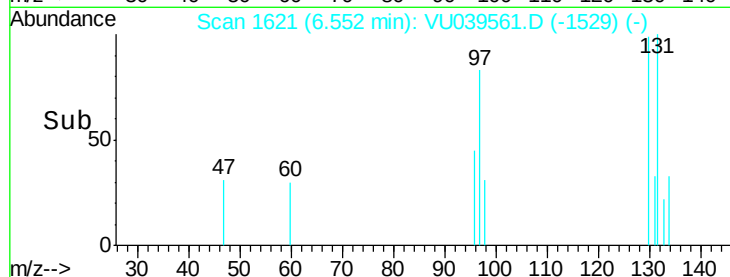
Abundance Ion 95.00 (94.70 to 95.70): VU039561.D (-1529) (-)

Ion 96.95 (96.65 to 97.65): VU039561.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU039561.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU039561.D (-1529) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039561.D

Acq: 17 Jul 2020 19:30

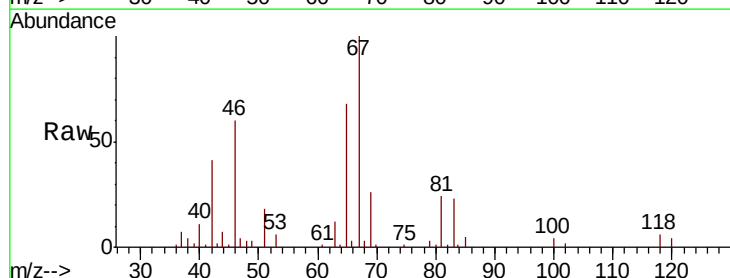
Tgt Ion: 83 Resp: 7546

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.3 35.9 53.9#

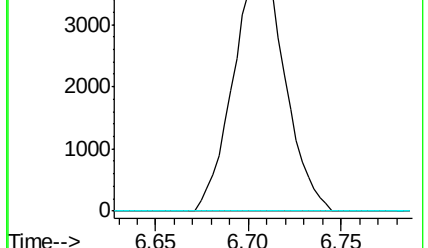
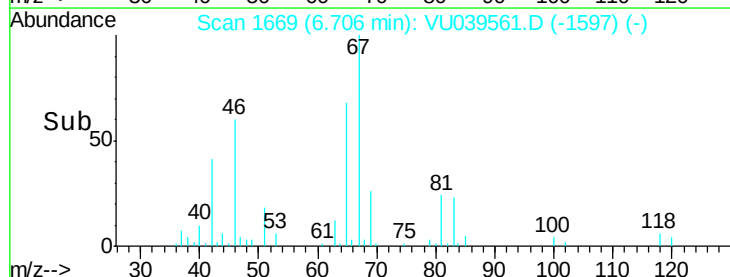


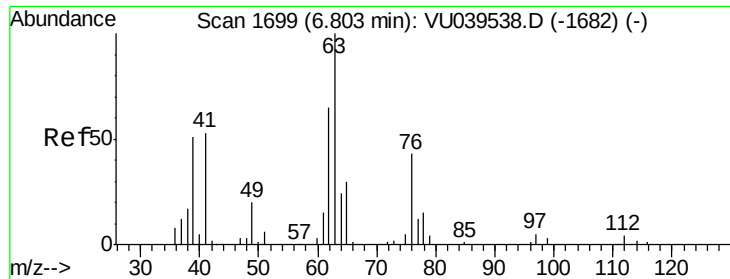
Abundance Ion 83.15 (82.85 to 83.85): VU039561.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039561.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039561.D (-1597) (-)

Time-->

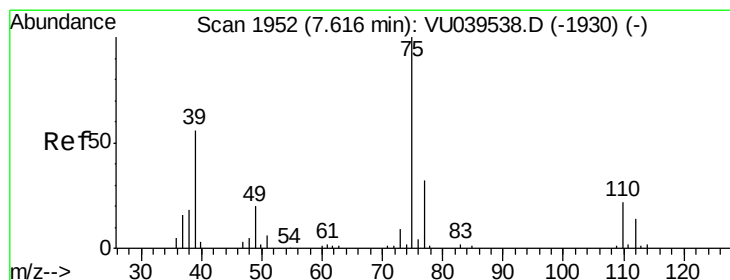
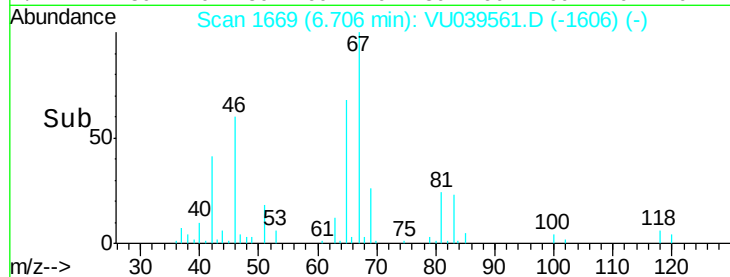
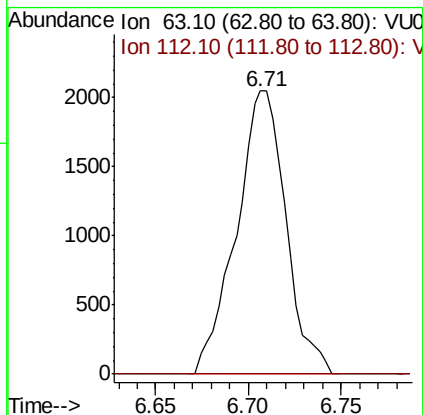
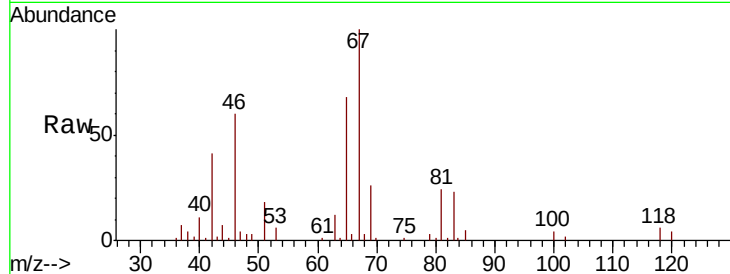




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039561.D
 Acq: 17 Jul 2020 19:30

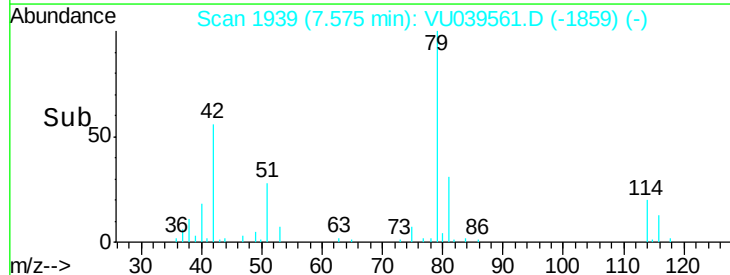
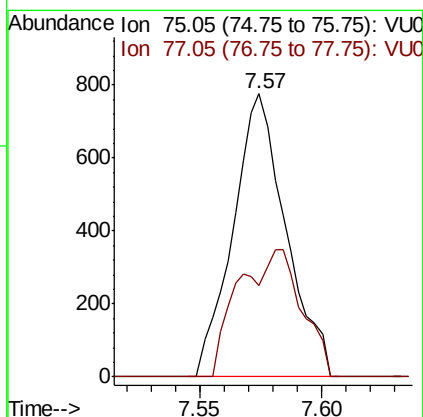
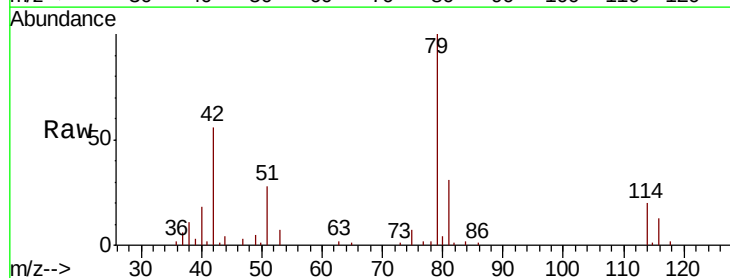
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 MSVOA_U
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 VIBLK40

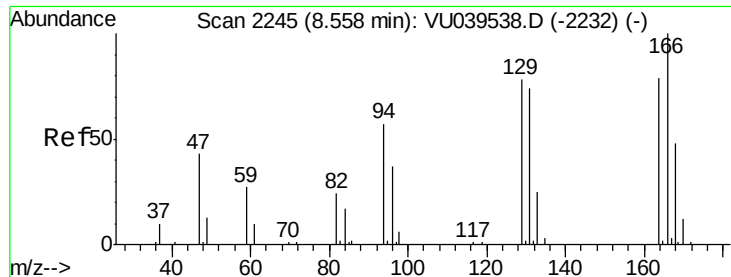
Tot Ion: 63 Resp: 3804
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039561.D
 Acq: 17 Jul 2020 19:30

Tgt Ion: 75 Resp: 1165
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3

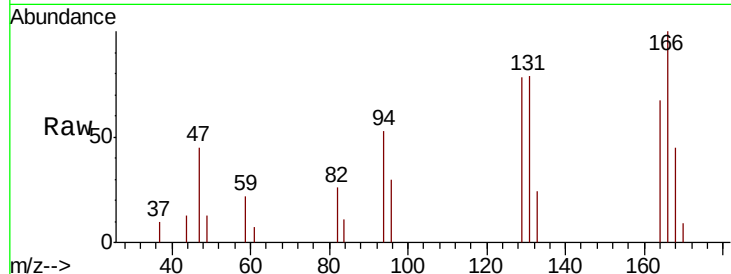




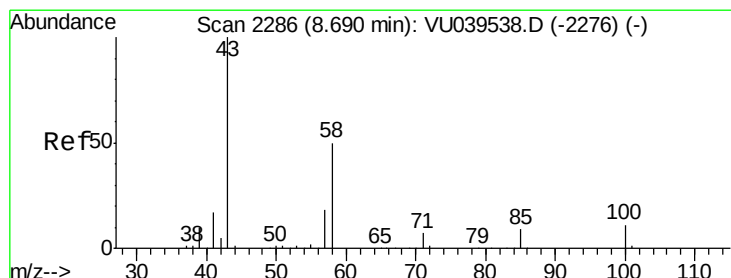
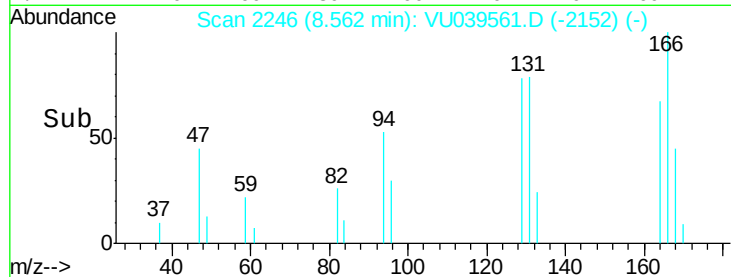
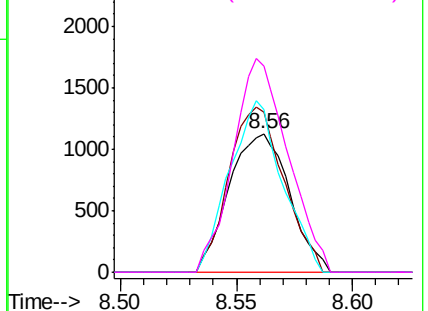
#47
Tetrachloroethene
Concen: 0.460 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039561.D
Acq: 17 Jul 2020 19:30

Instrument :
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VIBLK40

Tot Ion:	164	Resp:	2035
Ion	Ratio	Lower	Upper
164	100		
129	116.0	68.6	127.4
131	117.3	66.4	123.4
166	148.7	85.9	159.5

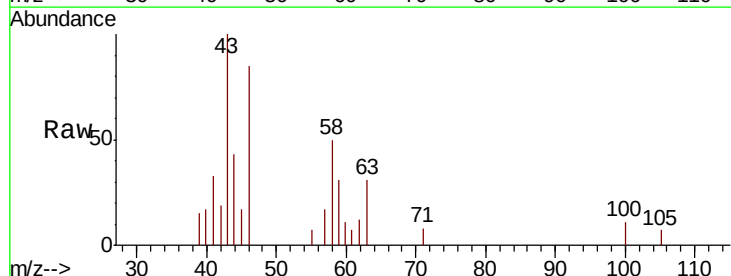


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

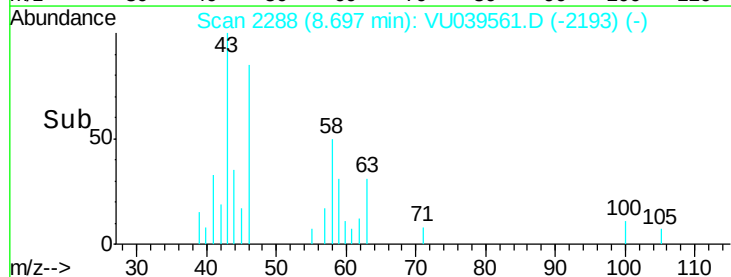
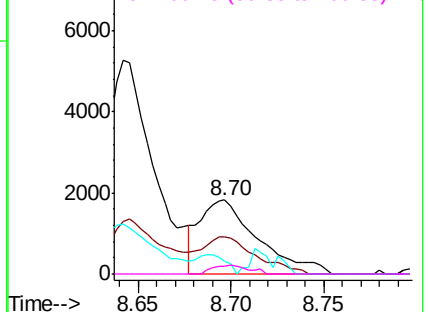


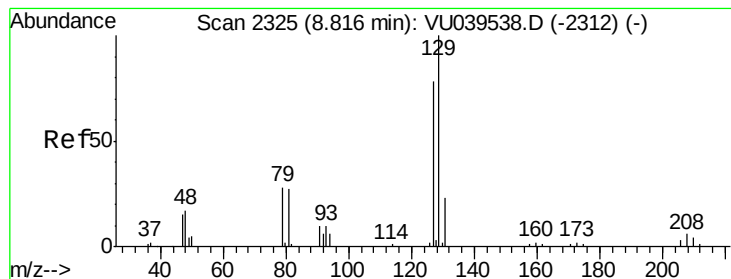
#48
2-Hexanone
Concen: 0.961 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VU039561.D
Acq: 17 Jul 2020 19:30

Tgt Ion:	43	Resp:	3965
Ion	Ratio	Lower	Upper
43	100		
58	47.1	42.0	63.0
57	13.4	14.0	21.0#
100	7.5	8.2	12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.380 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU039561.D

Acq: 17 Jul 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

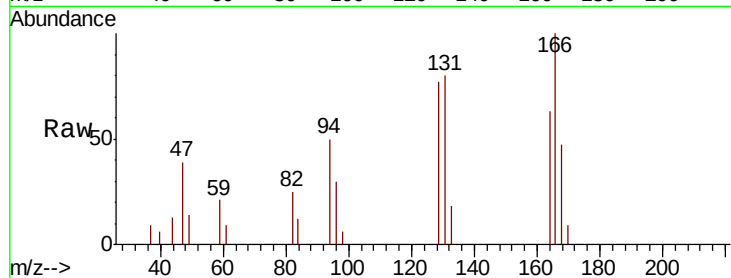
VIBLK40

Tot Ion:129 Resp: 2219

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

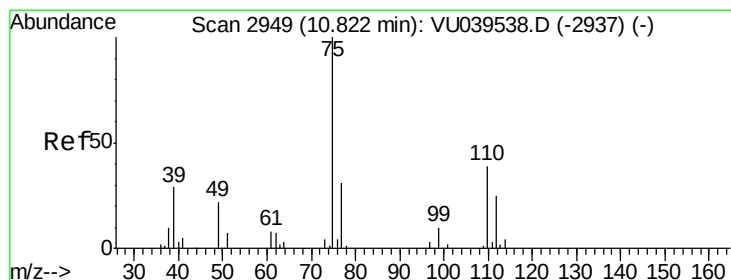
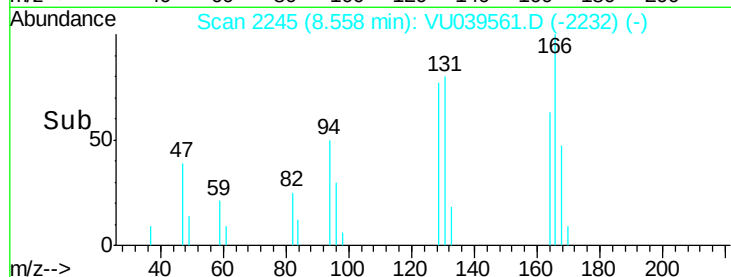
1500

1000

500

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 1.236 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039561.D

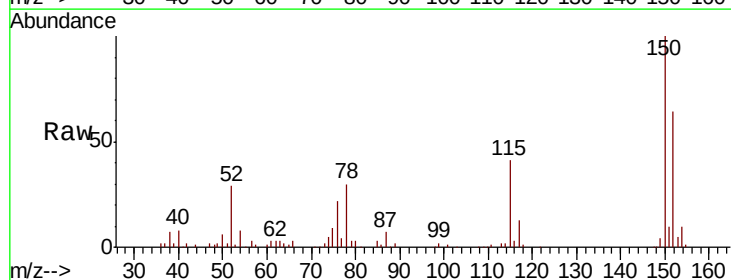
Acq: 17 Jul 2020 19:30

Tgt Ion: 75 Resp: 6110

Ion Ratio Lower Upper

75 100

77 39.9 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time--> 11.75 11.80 11.85

