

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071520\
 Data File : VU039502.D
 Acq On : 15 Jul 2020 16:20
 Operator : SY/MD
 Sample : L3313-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C00

Quant Time: Jul 16 04:12:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	96097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20768	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.92	69	24408	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.58	63	34253	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	98179	38.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.06%
24) Chloroform-d	5.08	84	47642	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.72	65	31224	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.75	84	95129	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.71	67	32788	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.91	98	83938	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	12038	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.64	63	69316	33.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.62%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28380	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32953	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

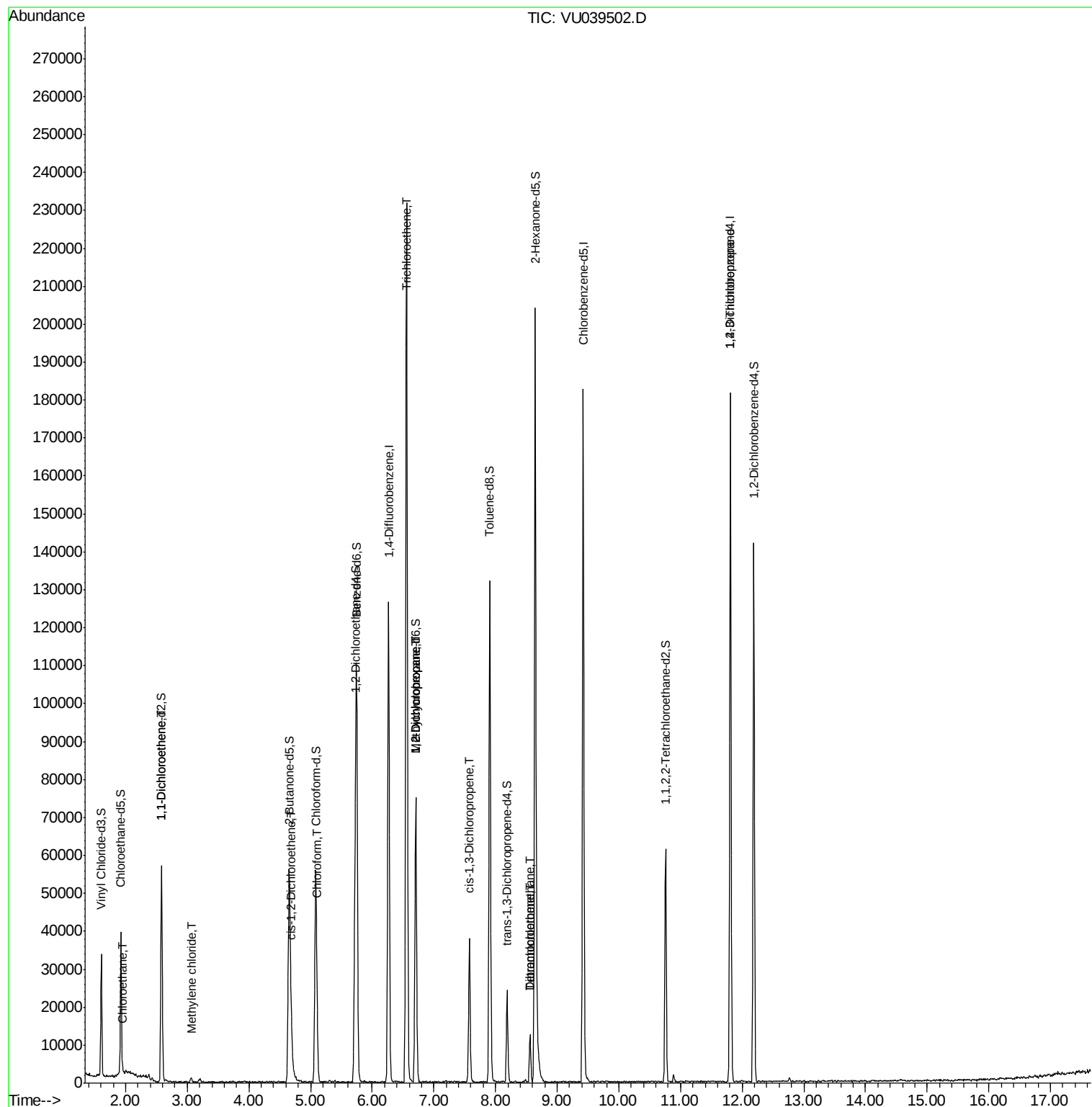
					Ovalue
8) Chloroethane	1.96	64	504	0.089 ug/L #	41
12) 1,1-Dichloroethene	2.58	96	356	0.062 ug/L #	1
16) Methylene chloride	3.06	84	533	0.074 ug/L #	77
22) cis-1,2-Dichloroethene	4.69	96	659	0.093 ug/L #	63
25) Chloroform	5.11	83	3758	0.301 ug/L	100
34) Trichloroethene	6.56	95	73194	10.233 ug/L	97
35) Methylcyclohexane	6.71	83	6781	0.592 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	3899	0.517 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1230	0.108 ug/L #	72
47) Tetrachloroethene	8.56	164	2287	0.460 ug/L	91
49) Dibromochloromethane	8.56	129	2226	0.339 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7269	1.308 ug/L	96

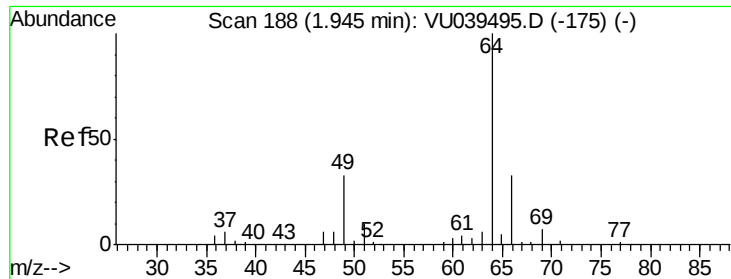
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 16 04:09:55 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.96 min Scan# 193

Delta R.T. 0.02 min

Lab File: VU039502.D

Acq: 15 Jul 2020 16:20

Instrument :

MSVOA_U

ClientSampleId :

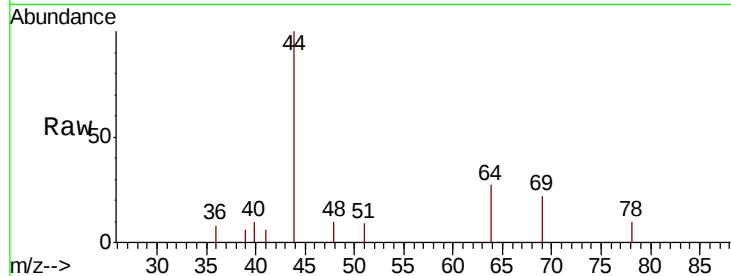
F4C00

Tot Ion: 64 Resp: 504

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.96

400

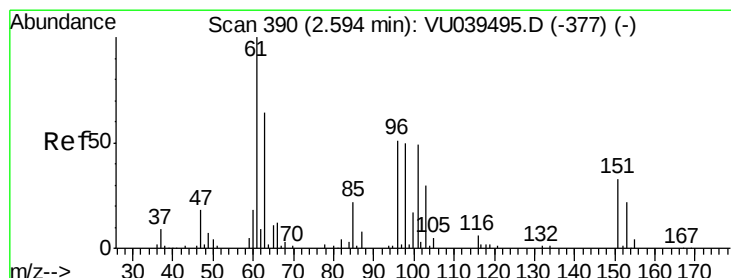
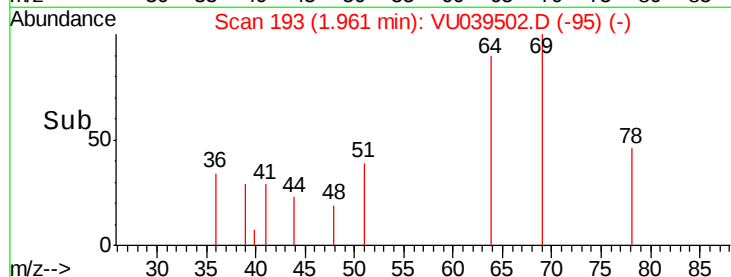
300

200

100

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039502.D

Acq: 15 Jul 2020 16:20

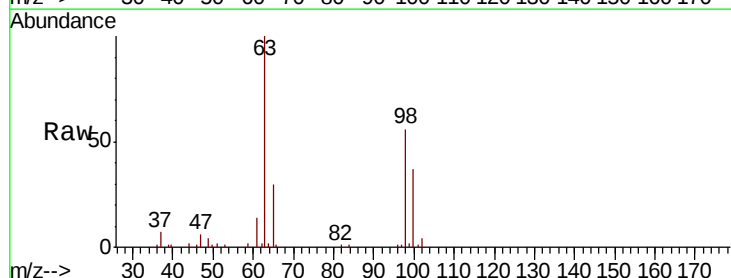
Tgt Ion: 96 Resp: 356

Ion Ratio Lower Upper

96 100

61 1293.1 125.4 232.8#

63 9488.9 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

25000

20000

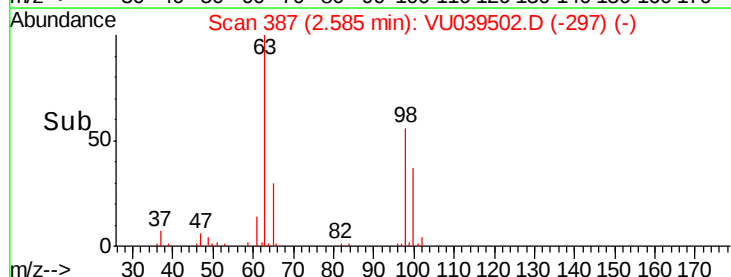
15000

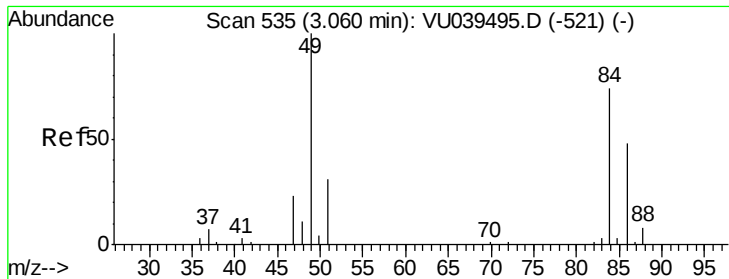
10000

5000

0

Time-->

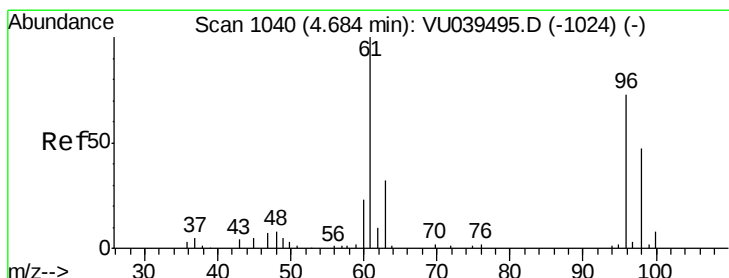
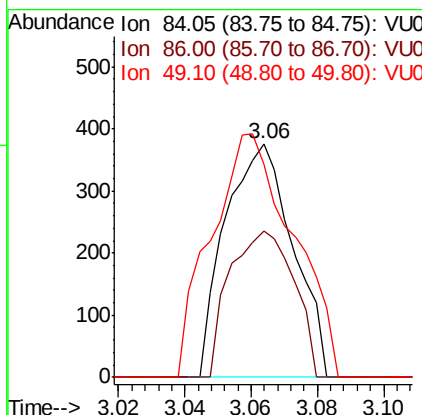
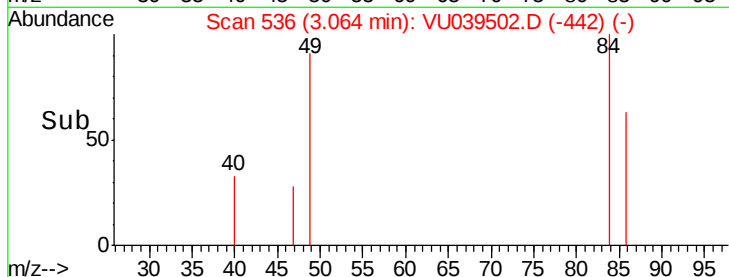
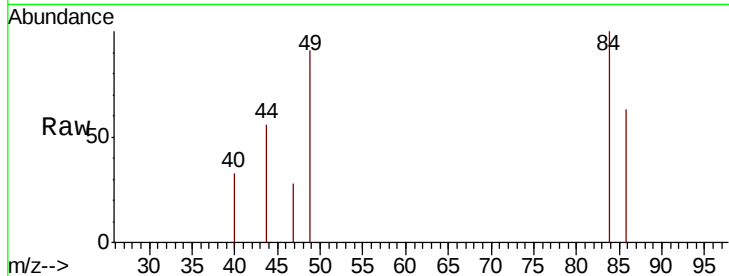




#16
Methvlene chloride
Concen: 0.074 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

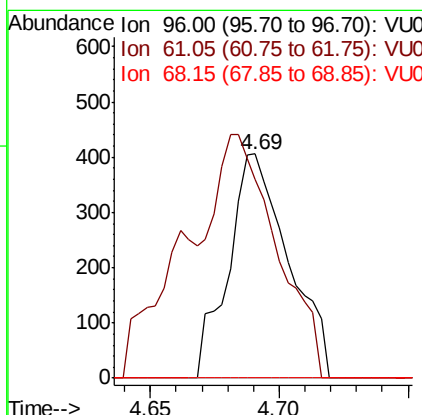
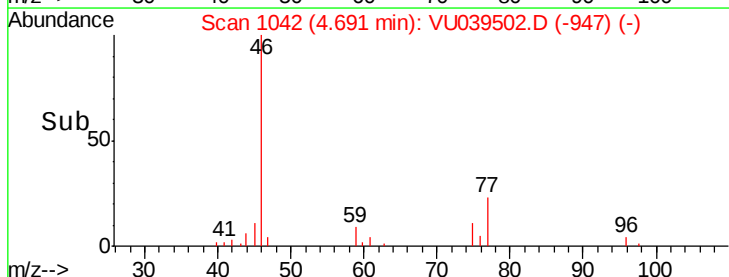
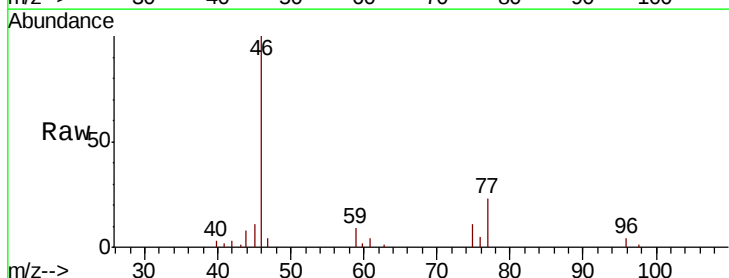
Instrument :
MSVOA_U
ClientSampled :
F4C00

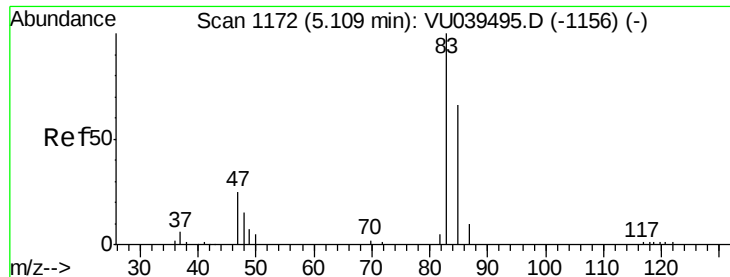
Tot Ion: 84 Resp: 533
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.9
49 91.0 91.1 169.1#



#22
cis-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 88.4 92.8 172.4#
68 0.0 0.0 0.0

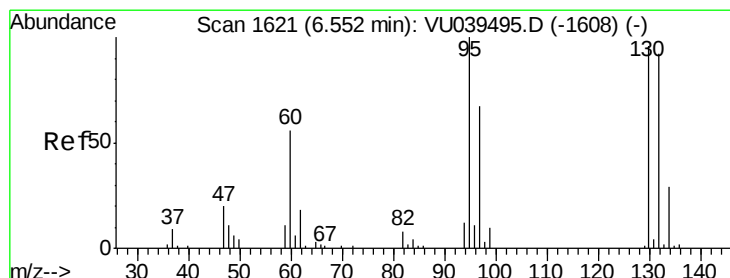
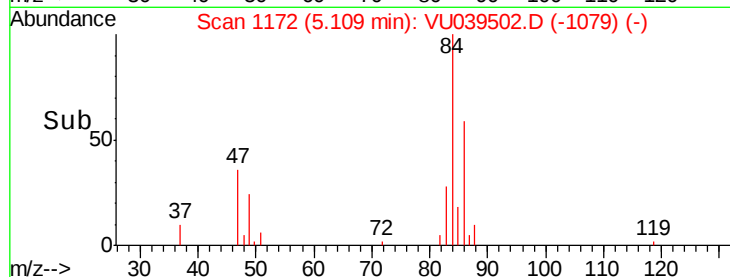
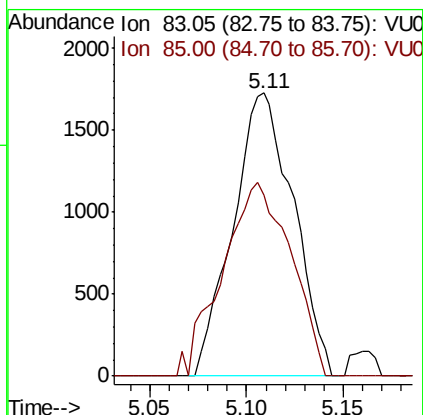
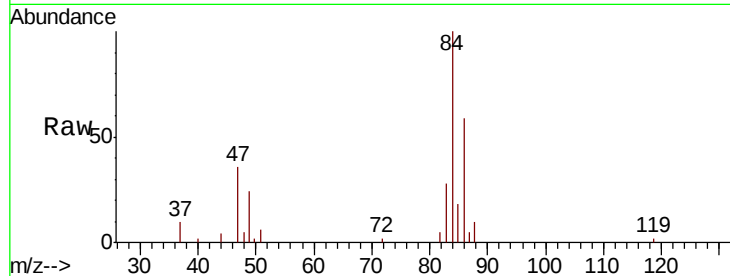




#25
Chloroform
Concen: 0.301 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

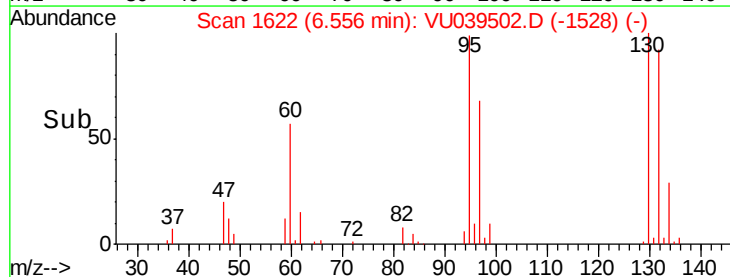
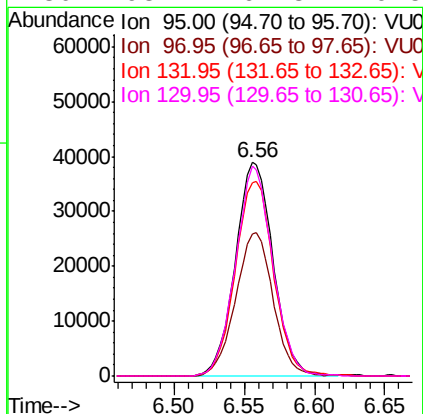
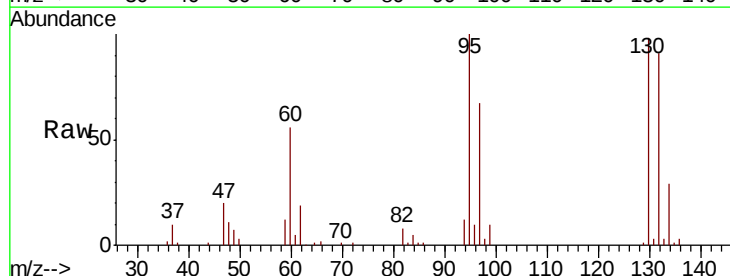
Instrument :
MSVOA_U
ClientSampleId :
F4C00

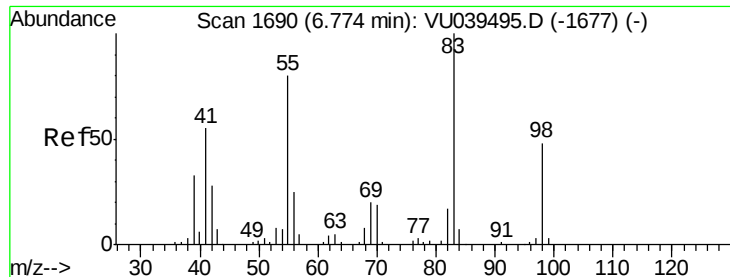
Tot Ion: 83 Resp: 3758
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5



#34
Trichloroethene
Concen: 10.233 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

Tgt Ion: 95 Resp: 73194
Ion Ratio Lower Upper
95 100
97 66.5 46.3 85.9
132 90.5 64.0 118.8
130 98.1 64.3 119.5

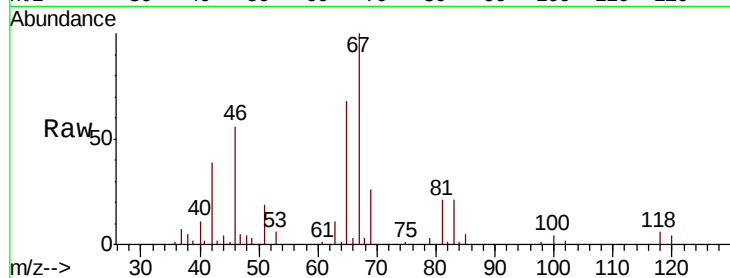




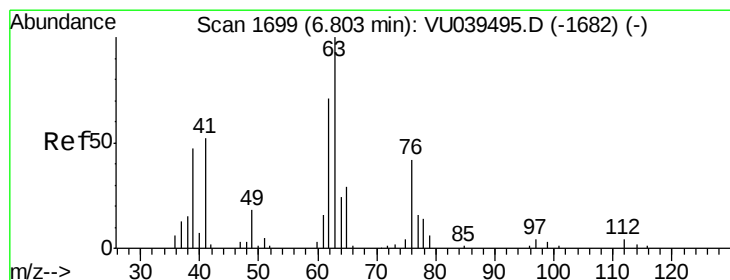
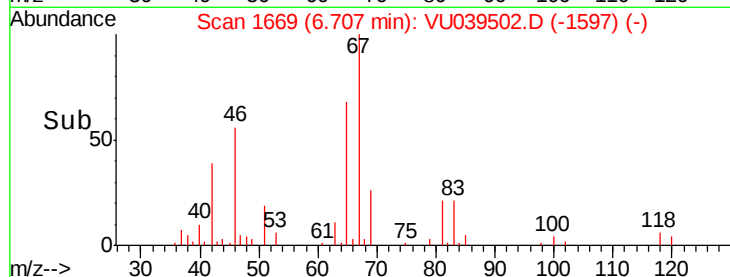
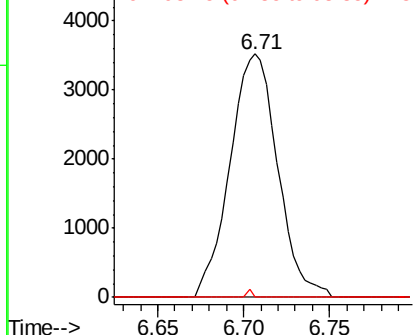
#35
Methvlcvclohexane
Concen: 0.592 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

Instrument :
MSVOA_U
ClientSampleId :
F4C00

Tot Ion: 83 Resp: 6781
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

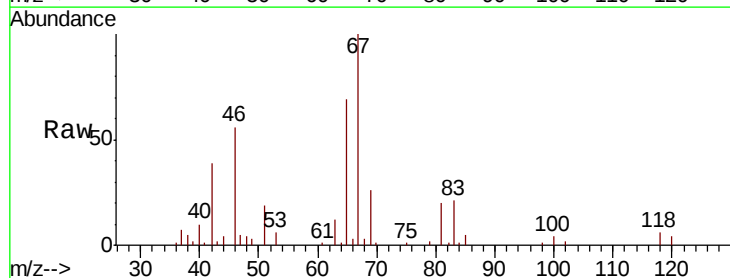


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

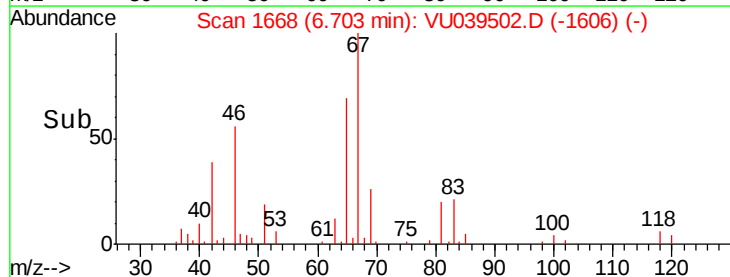
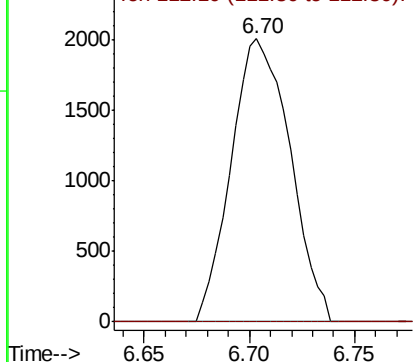


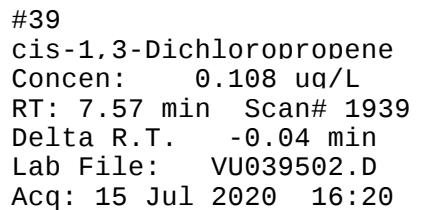
#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039502.D
Acq: 15 Jul 2020 16:20

Tgt Ion: 63 Resp: 3899
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



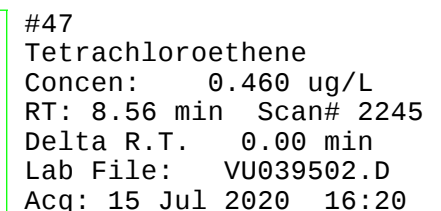
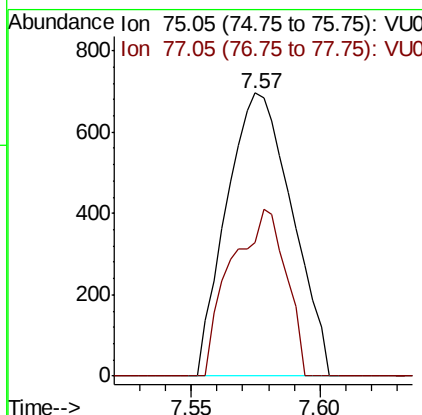
Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



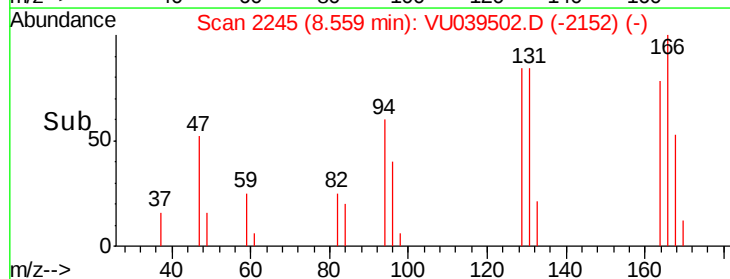
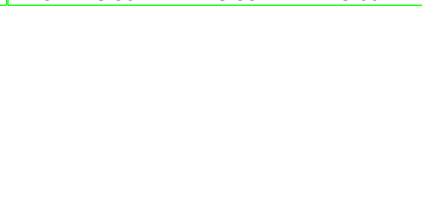
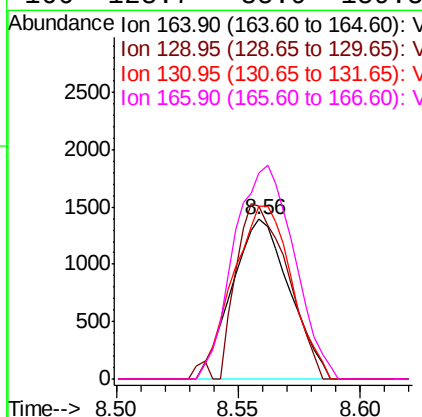


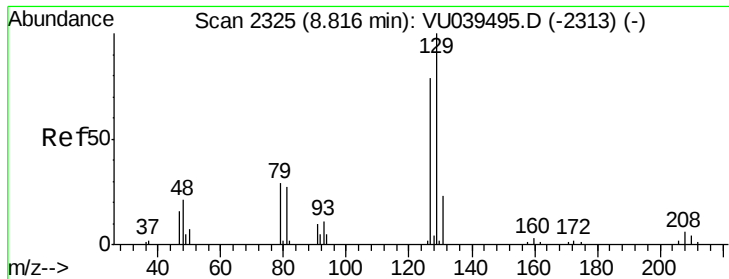
Instrument :
MSVOA_U
ClientSampleId :
F4C00

Tot	Ion: 75	Resp:	1230
Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.3	41.3#



Tgt	Ion:164	Resp:	2287
Ion	Ratio	Lower	Upper
164	100		
129	108.4	68.6	127.4
131	108.0	66.4	123.4
166	128.7	85.9	159.5





#49

Dibromochloromethane

Concen: 0.339 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039502.D

Acq: 15 Jul 2020 16:20

Instrument :

MSVOA_U

ClientSampleId :

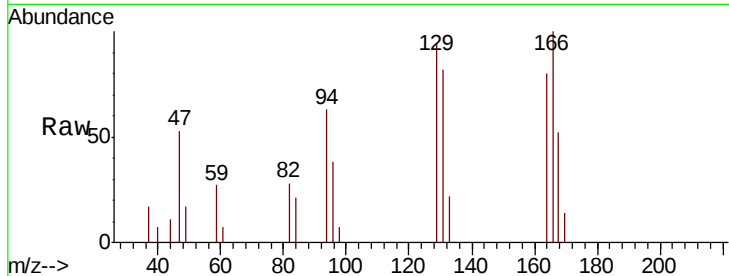
F4C00

Tot Ion:129 Resp: 2226

Ion Ratio Lower Upper

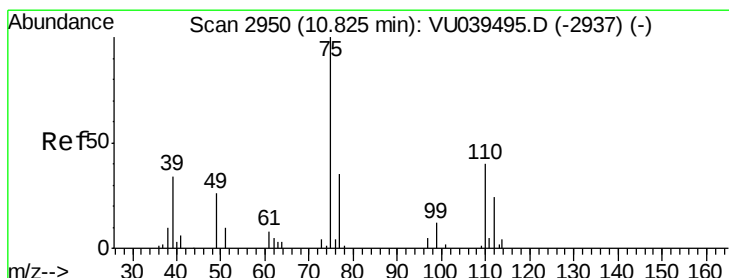
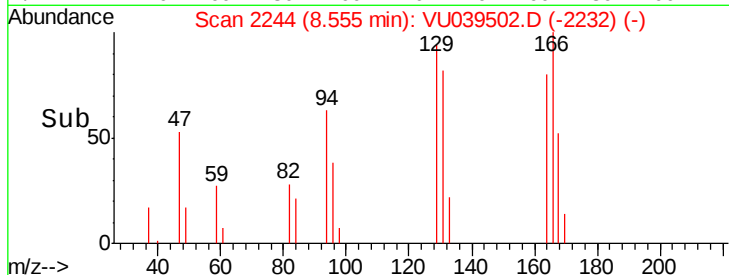
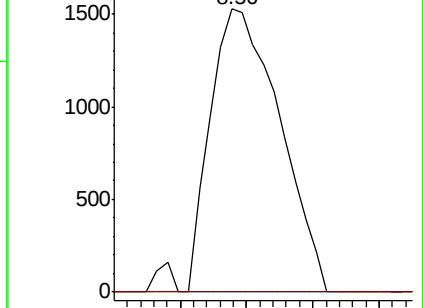
129 100

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



#59

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039502.D

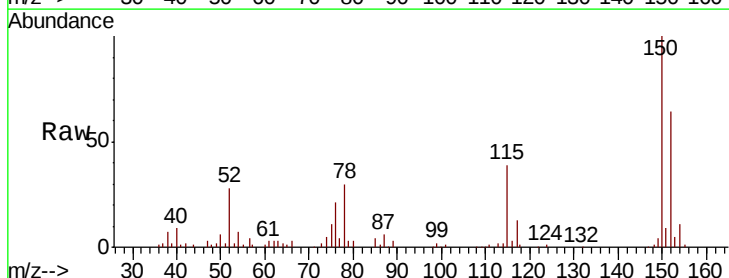
Acq: 15 Jul 2020 16:20

Tgt Ion: 75 Resp: 7269

Ion Ratio Lower Upper

75 100

77 35.6 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

