

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039525.D
 Acq On : 16 Jul 2020 15:42
 Operator : SY/MD
 Sample : L3292-06 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:10:34 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	94282	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21584	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.92	69	29436	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	63	34791	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.65	46	108511	43.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.80%
24) Chloroform-d	5.09	84	50034	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.72	65	33313	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	97963	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.71	67	34478	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	86051	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	12627	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.64	63	78750	39.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.24%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31192	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34459	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

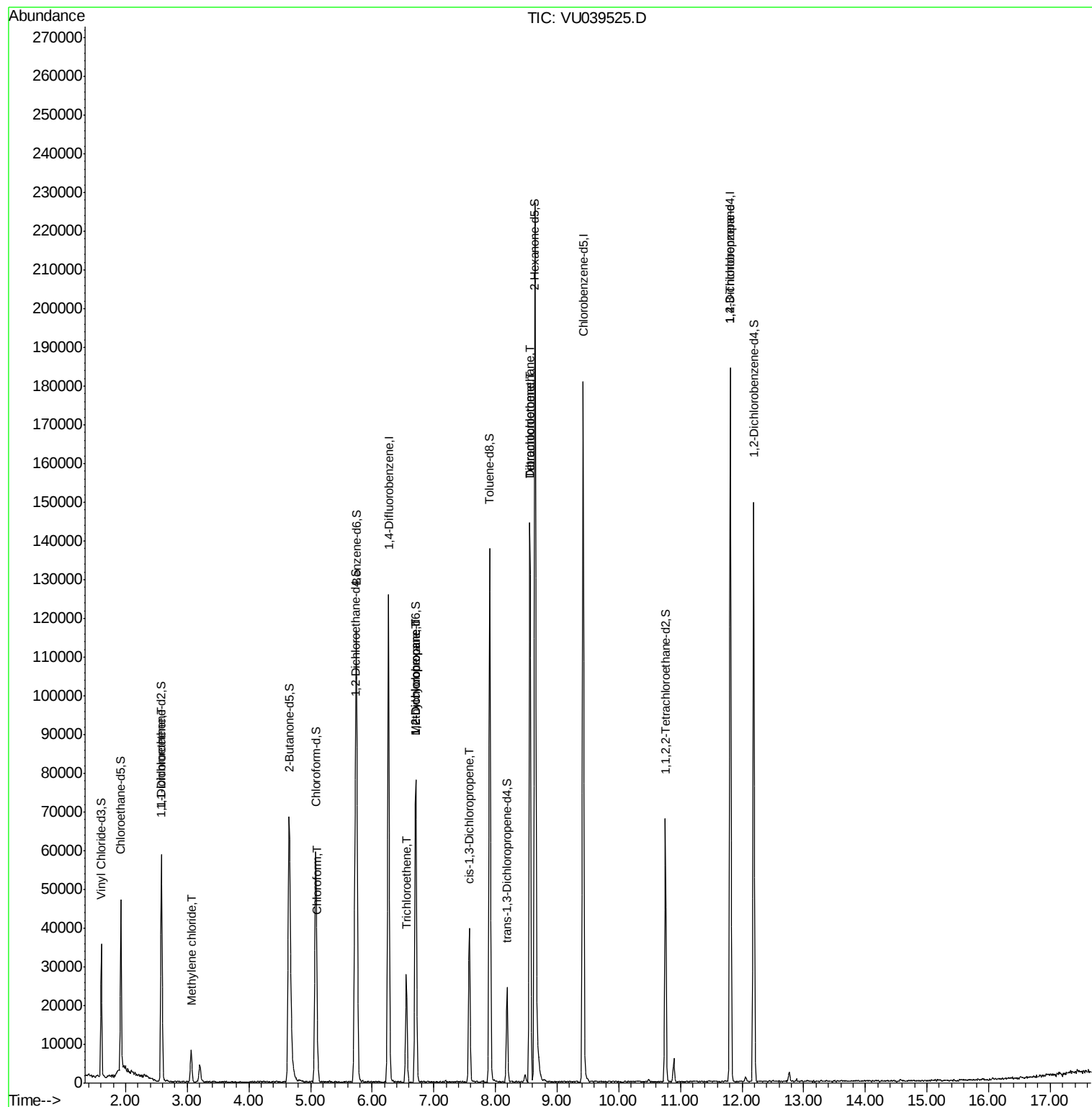
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	494	0.088	ug/L #	1
16) Methylene chloride	3.06	84	3492	0.495	ug/L	85
25) Chloroform	5.11	83	3685	0.300	ug/L	92
34) Trichloroethene	6.56	95	8850	1.260	ug/L	92
35) Methylcyclohexane	6.71	83	8019	0.713	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4391	0.593	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1294	0.116	ug/L #	77
47) Tetrachloroethene	8.56	164	27070	5.542	ug/L	96
49) Dibromochloromethane	8.56	129	26674	4.141	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6806	1.247	ug/L	94

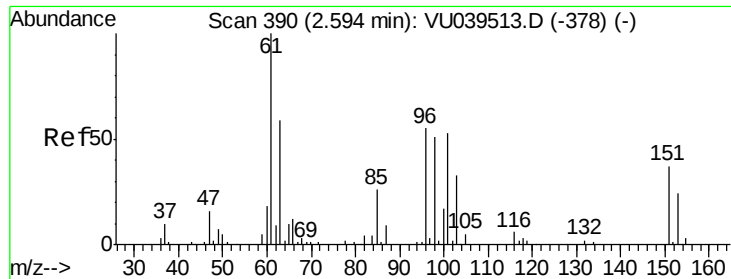
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039525.D

Acq: 16 Jul 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

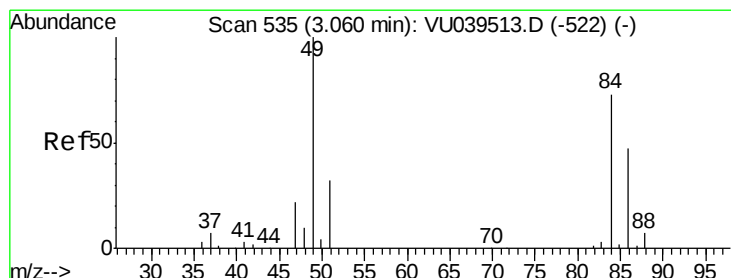
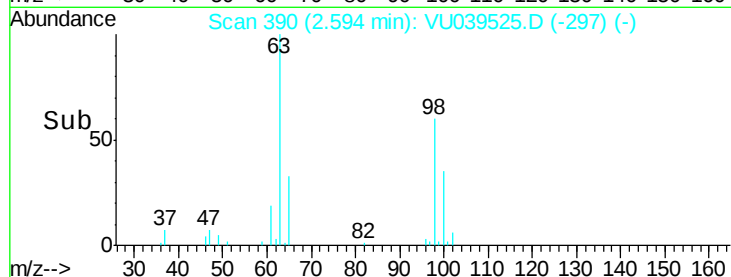
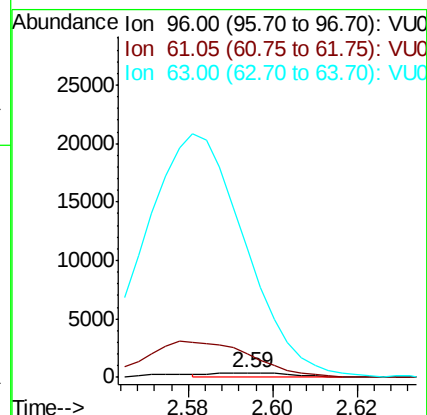
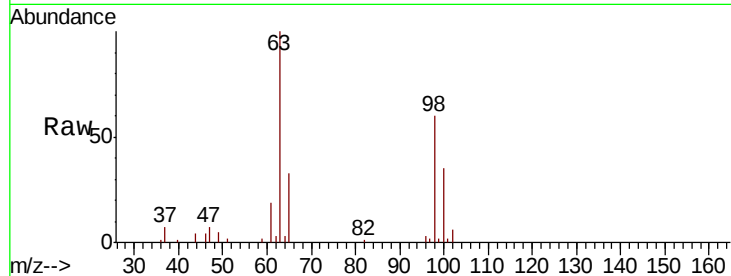
Tot Ion: 96 Resp: 494

Ion Ratio Lower Upper

96 100

61 550.4 125.4 232.8#

63 2933.0 92.7 172.3#



#16

Methylene chloride

Concen: 0.495 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039525.D

Acq: 16 Jul 2020 15:42

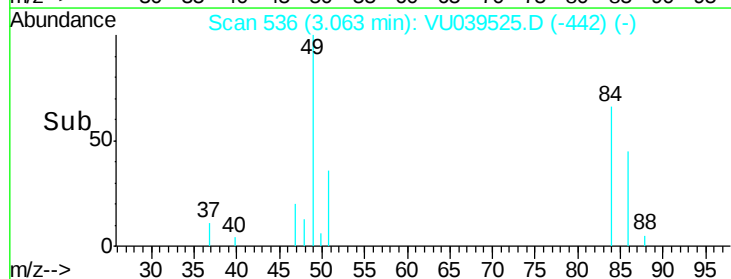
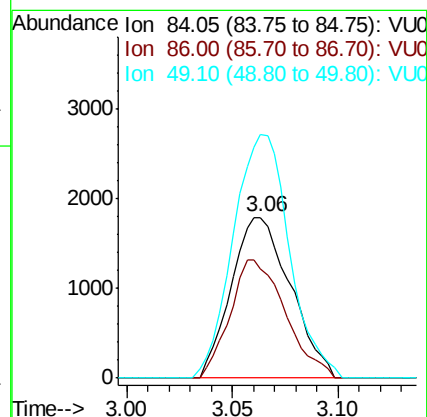
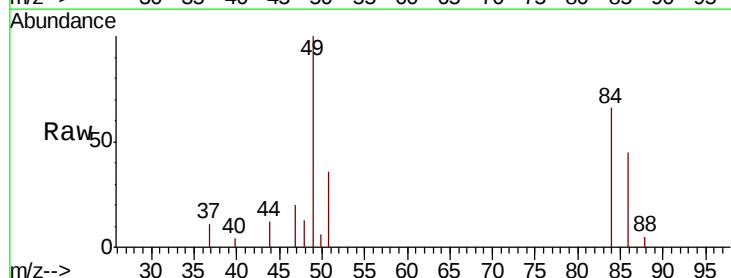
Tgt Ion: 84 Resp: 3492

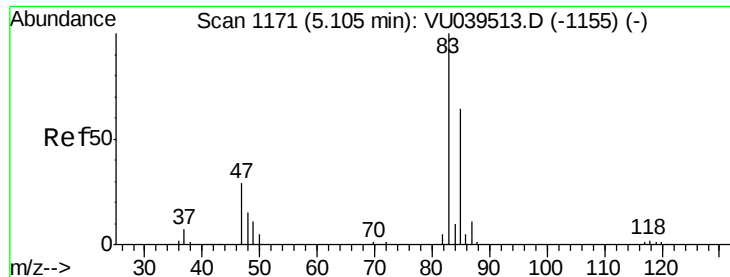
Ion Ratio Lower Upper

84 100

86 67.7 43.5 80.9

49 151.3 91.1 169.1

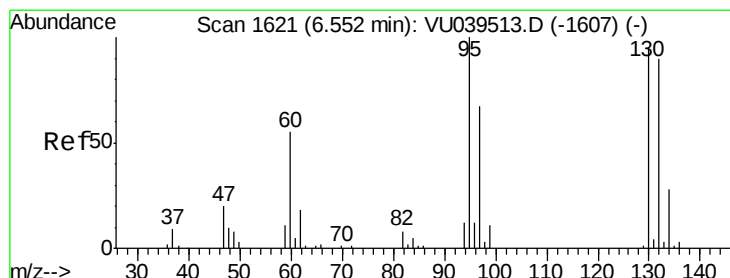
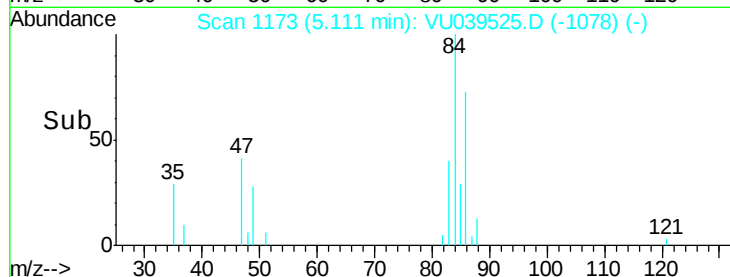
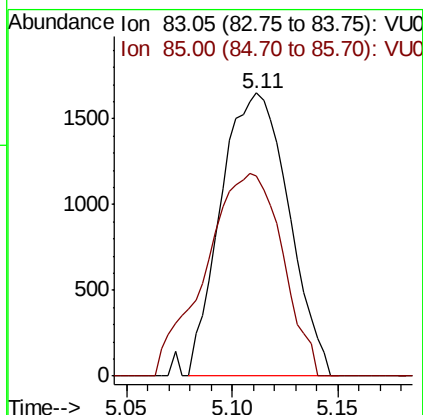
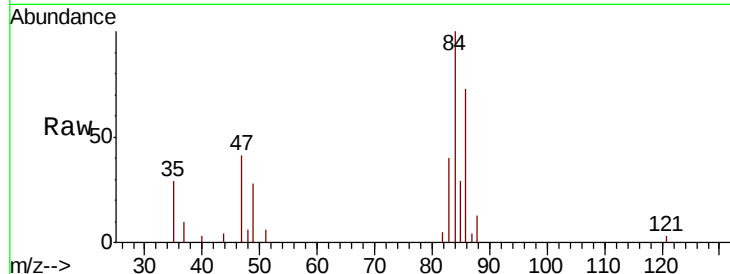




#25
Chloroform
Concen: 0.300 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

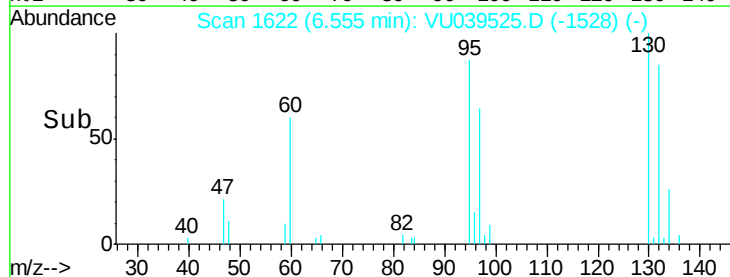
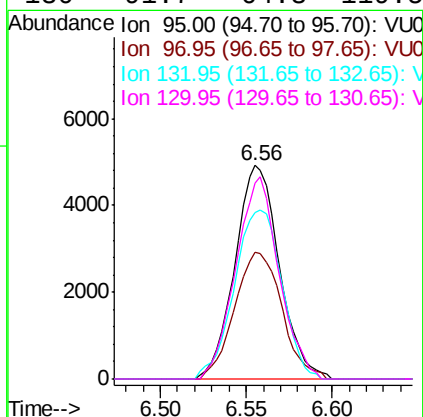
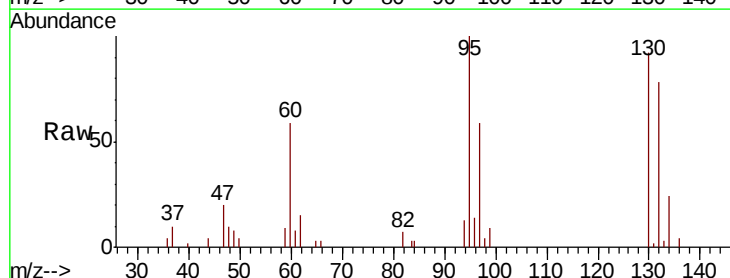
Instrument :
MSVOA_U
ClientSampleId :

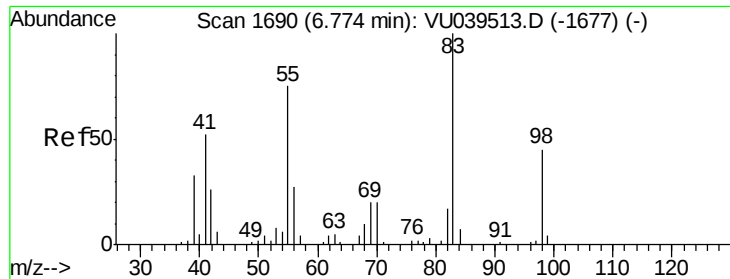
Tot Ion: 83 Resp: 3685
Ion Ratio Lower Upper
83 100
85 70.8 44.9 83.5



#34
Trichloroethene
Concen: 1.260 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

Tgt Ion: 95 Resp: 8850
Ion Ratio Lower Upper
95 100
97 59.1 46.3 85.9
132 78.0 64.0 118.8
130 91.7 64.3 119.5

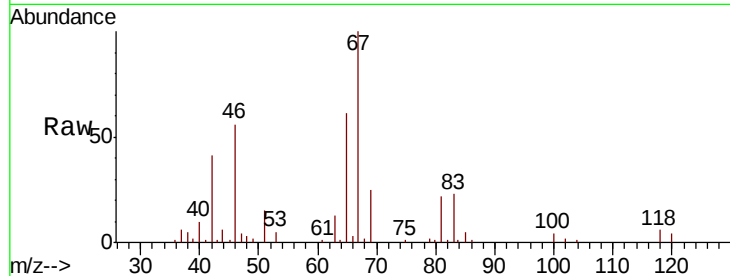




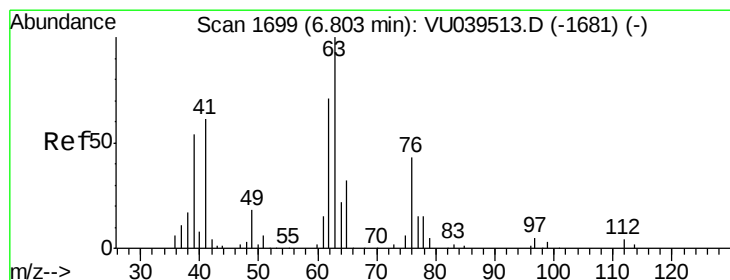
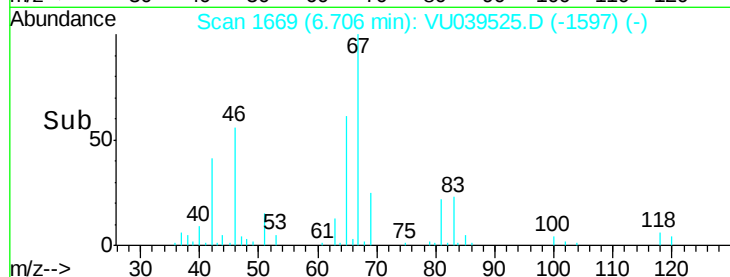
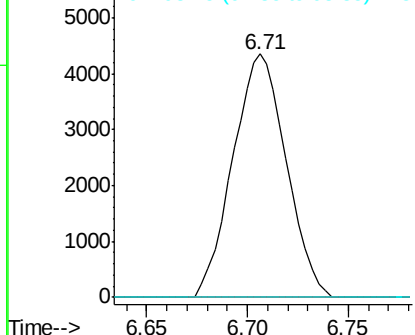
#35
Methvlcvclohexane
Concen: 0.713 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8019
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.2 35.9 53.9#

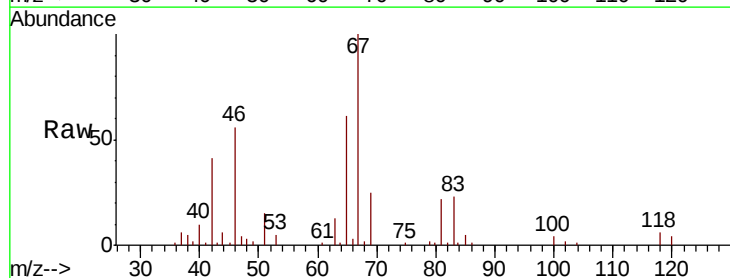


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

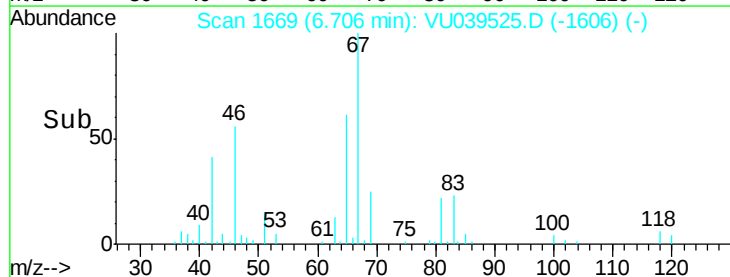
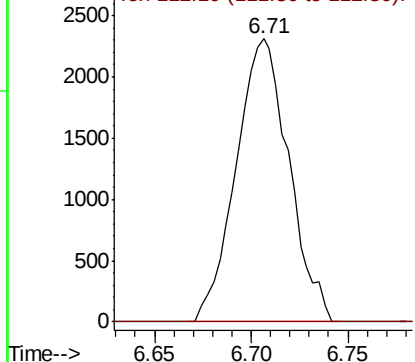


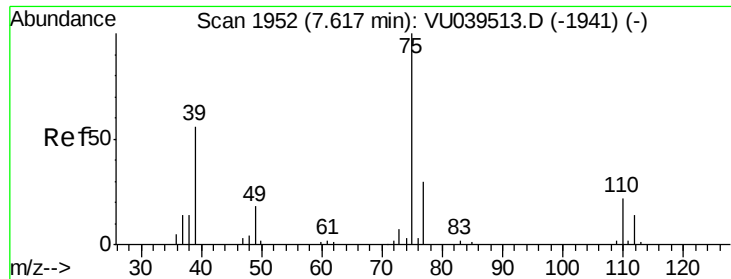
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039525.D
Acq: 16 Jul 2020 15:42

Tgt Ion: 63 Resp: 4391
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

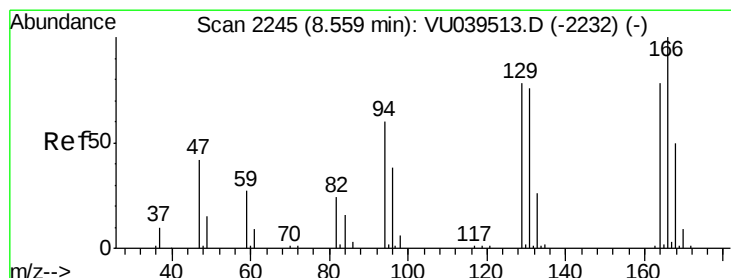
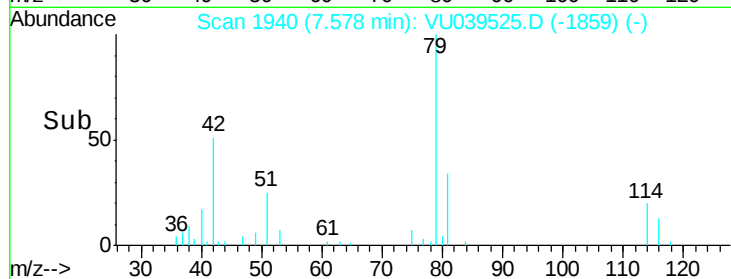
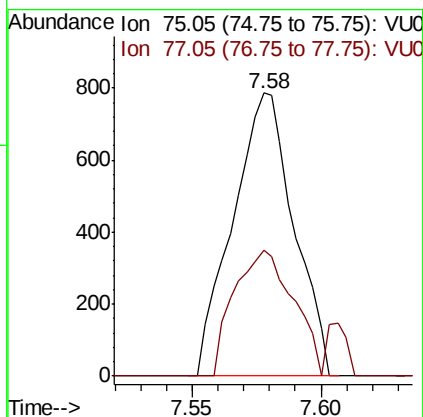
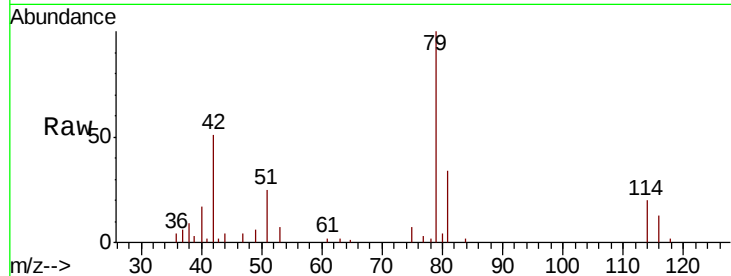




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039525.D
 Acq: 16 Jul 2020 15:42

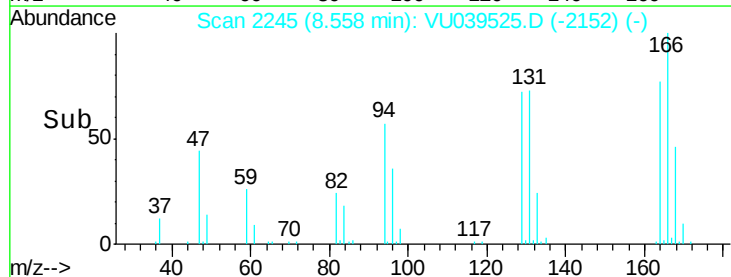
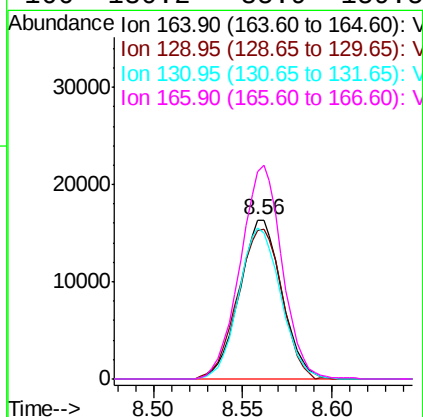
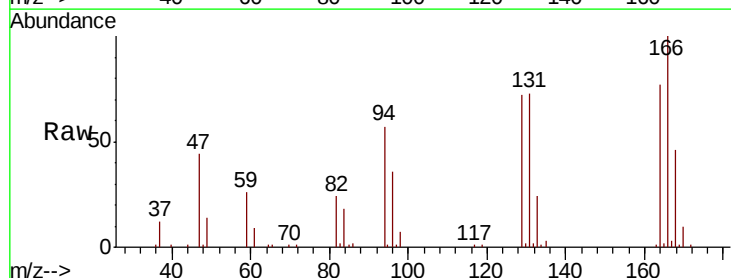
Instrument :
 MSVOA_U
 ClientSampled :

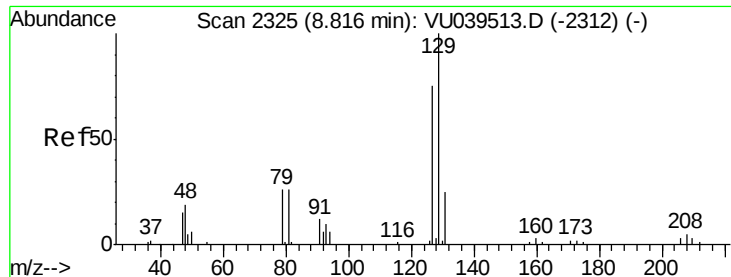
Tot Ion: 75 Resp: 1294
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 5.542 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039525.D
 Acq: 16 Jul 2020 15:42

Tgt Ion: 164 Resp: 27070
 Ion Ratio Lower Upper
 164 100
 129 93.3 68.6 127.4
 131 94.9 66.4 123.4
 166 130.2 85.9 159.5





#49

Dibromochloromethane

Concen: 4.141 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. -0.25 min

Lab File: VU039525.D

Acq: 16 Jul 2020 15:42

Instrument :

MSVOA_U

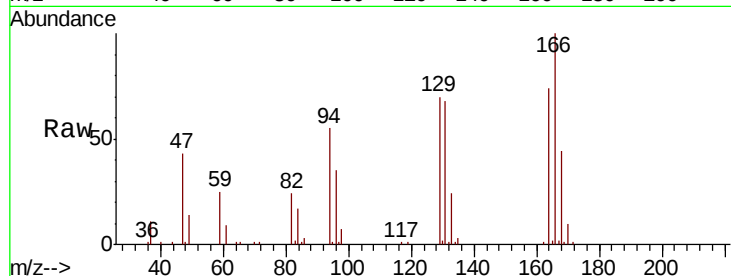
ClientSampleId :

Tot Ion:129 Resp: 26674

Ion Ratio Lower Upper

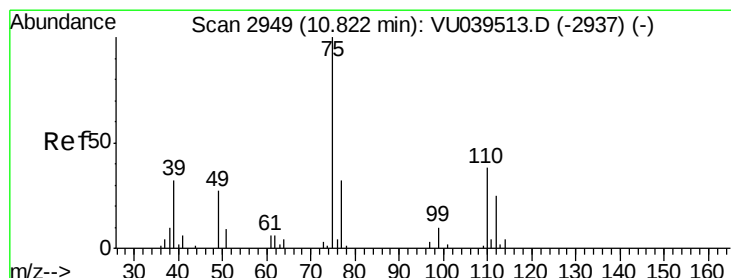
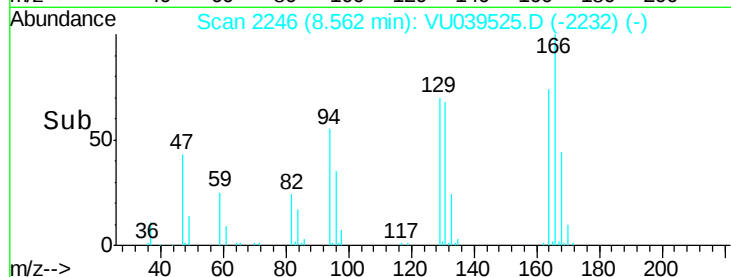
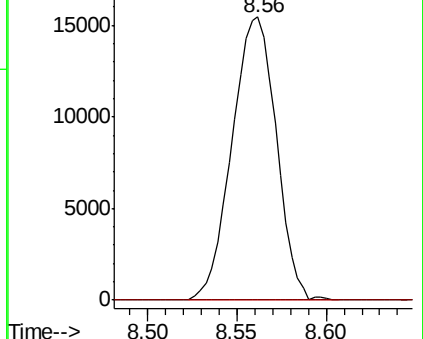
129 100

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: 1.247 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039525.D

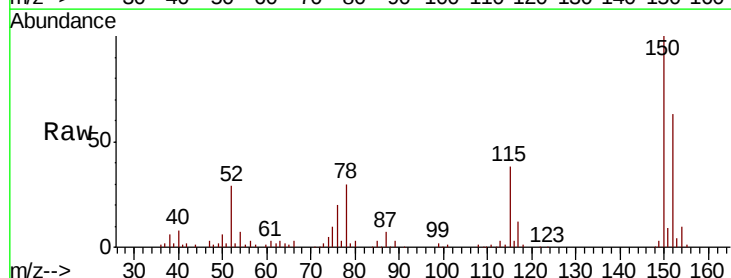
Acq: 16 Jul 2020 15:42

Tgt Ion: 75 Resp: 6806

Ion Ratio Lower Upper

75 100

77 37.2 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

