

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039067.D
 Acq On : 24 Jun 2020 16:50
 Operator : SY/MD
 Sample : L3109-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F10

Quant Time: Jun 25 01:04:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	257155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102653	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.93	69	91652	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.59	63	149999	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.67	46	401525	59.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.68%
24) Chloroform-d	5.10	84	205207	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.74	65	127592	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.76	84	398573	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.72	67	132615	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.92	98	308320	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.20	79	53896	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.65	63	323146	60.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118921	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	120458	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#

Target Compounds

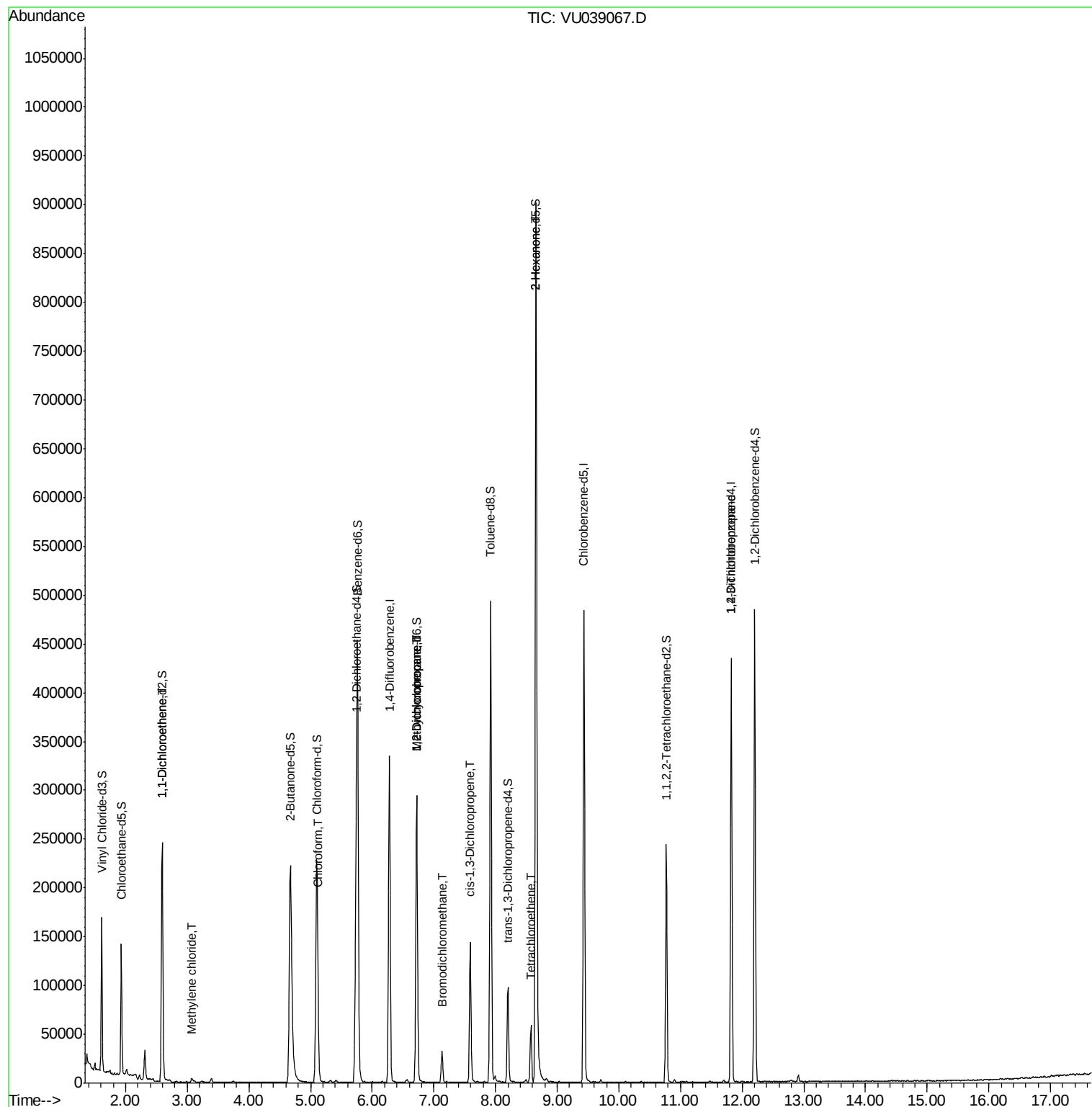
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1073	0.061	ug/L #	1
16) Methylene chloride	3.08	84	1658	0.076	ug/L	89
25) Chloroform	5.12	83	17615	0.469	ug/L	93
35) Methylcyclohexane	6.72	83	31067	1.071	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14557	0.665	ug/L #	88
38) Bromodichloromethane	7.13	83	20488	0.751	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	3739	0.123	ug/L #	24
47) Tetrachloroethene	8.57	164	12535	0.890	ug/L	96
48) 2-Hexanone	8.65	43	38895	3.247	ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	15861	0.961	ug/L	100

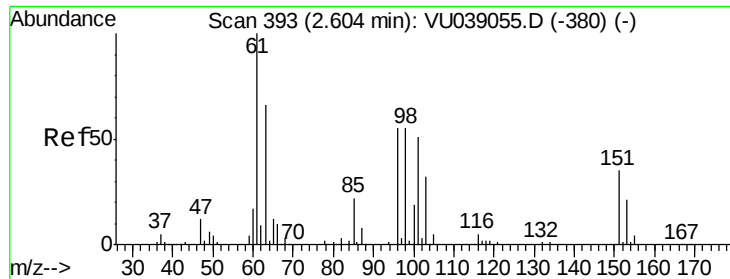
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU039067.D

Acq: 24 Jun 2020 16:50

Instrument :

MSVOA_U

ClientSampleId :

F9F10

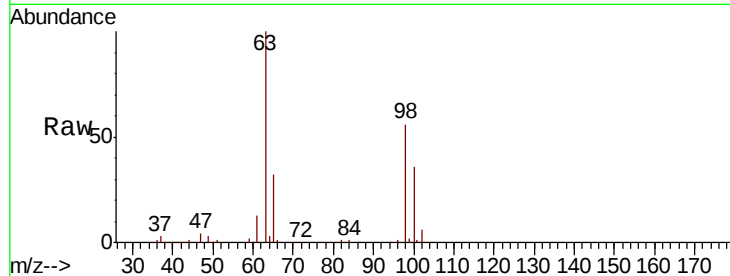
Tot Ion: 96 Resp: 1073

Ion Ratio Lower Upper

96 100

61 1704.5 125.1 232.3#

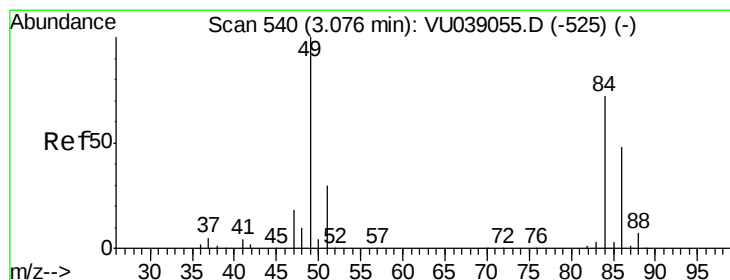
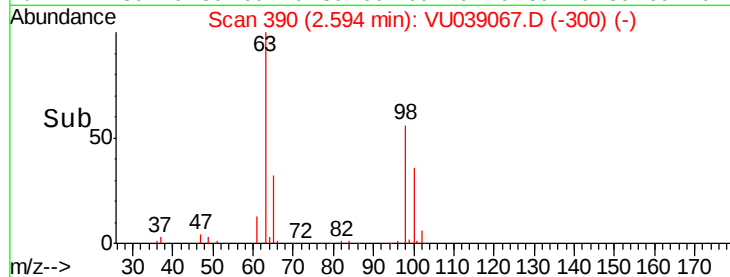
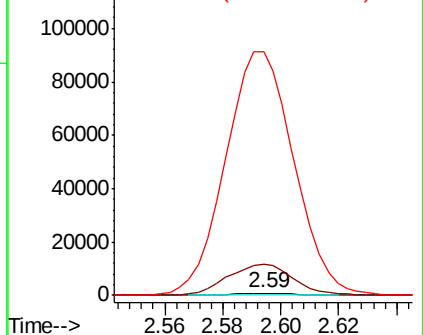
63 13321.6 82.3 152.8#



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: 0.076 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039067.D

Acq: 24 Jun 2020 16:50

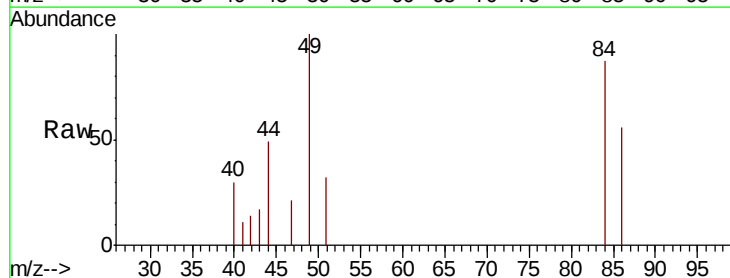
Tgt Ion: 84 Resp: 1658

Ion Ratio Lower Upper

84 100

86 64.9 44.1 81.9

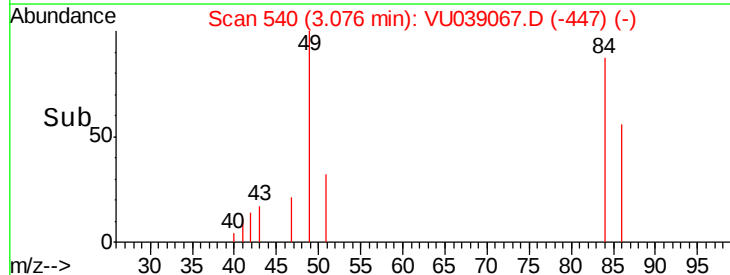
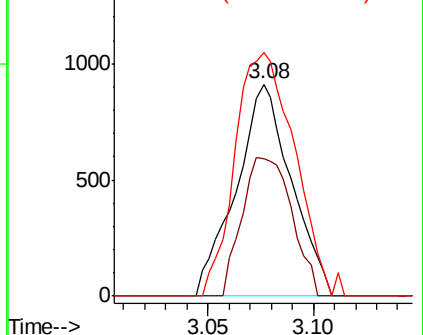
49 114.9 93.1 172.9

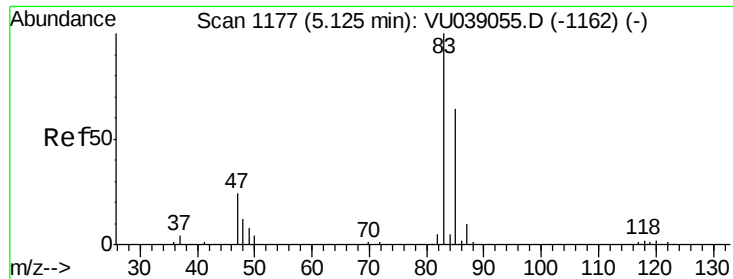


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

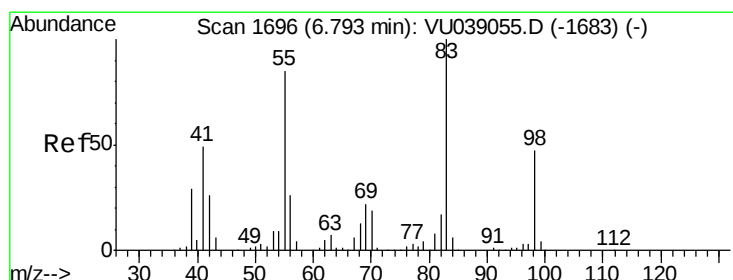
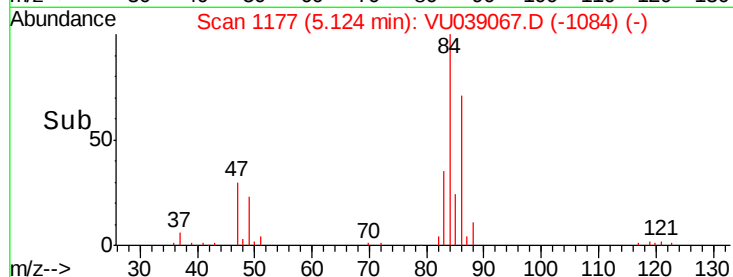
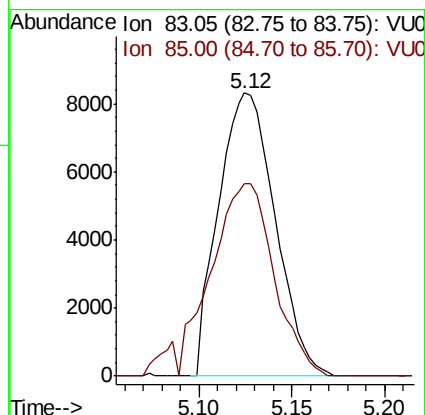
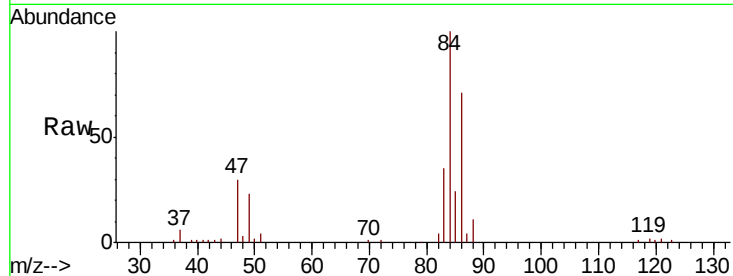




#25
Chloroform
Concen: 0.469 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039067.D
Acq: 24 Jun 2020 16:50

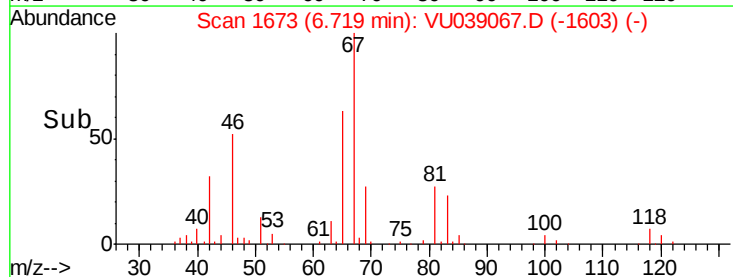
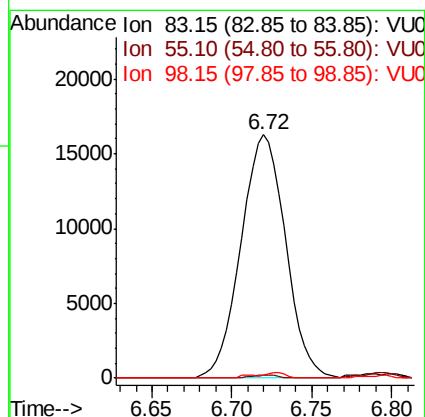
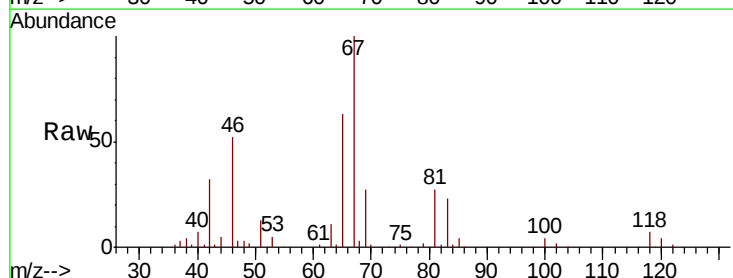
Instrument :
MSVOA_U
ClientSampleId :
F9F10

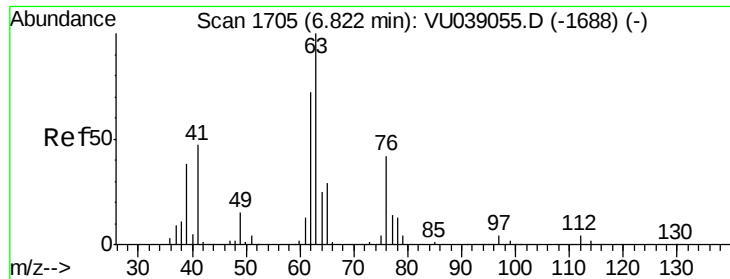
Tot Ion: 83 Resp: 17615
Ion Ratio Lower Upper
83 100
85 68.1 43.8 81.4



#35
Methylcyclohexane
Concen: 1.071 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039067.D
Acq: 24 Jun 2020 16:50

Tgt Ion: 83 Resp: 31067
Ion Ratio Lower Upper
83 100
55 0.7 65.5 98.3#
98 1.0 36.5 54.7#

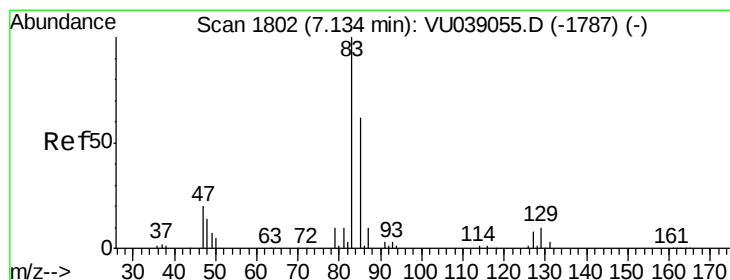
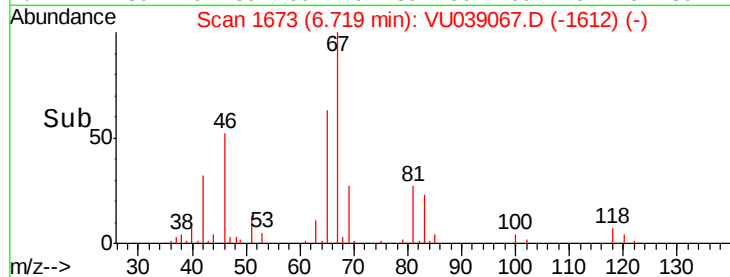
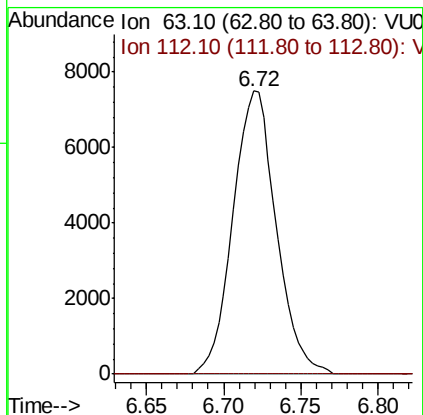
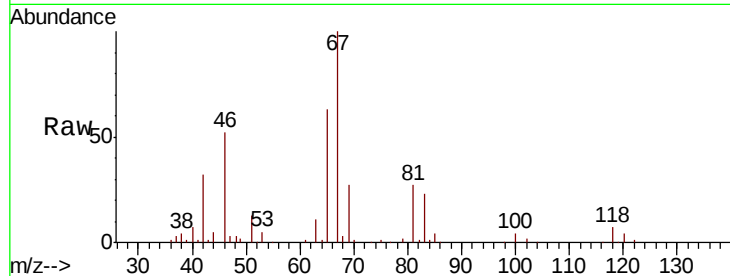




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039067.D
 Acq: 24 Jun 2020 16:50

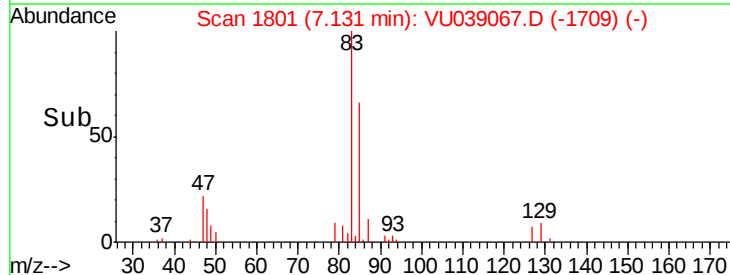
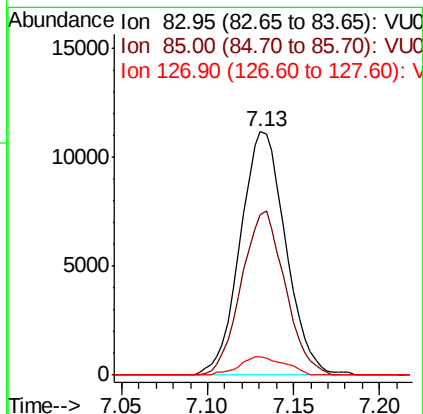
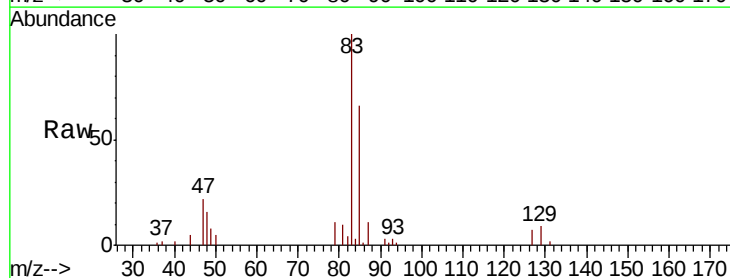
Instrument :
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 ClientSampleId :
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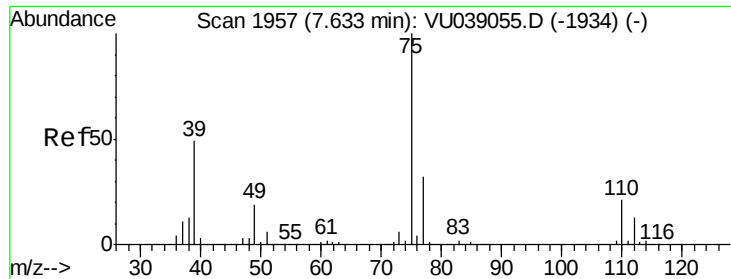
Tot Ion: 63 Resp: 14557
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.751 ug/L
 RT: 7.13 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VU039067.D
 Acq: 24 Jun 2020 16:50

Tgt Ion: 83 Resp: 20488
 Ion Ratio Lower Upper
 83 100
 85 65.9 44.9 83.3
 127 7.3 6.3 9.5

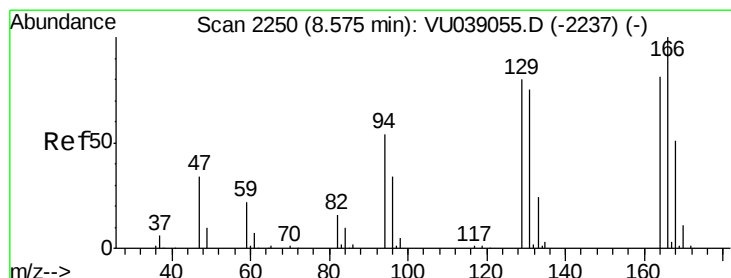
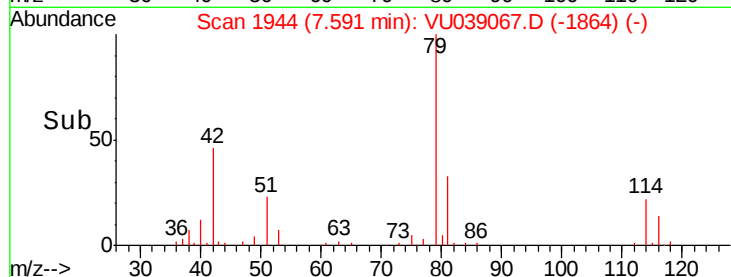
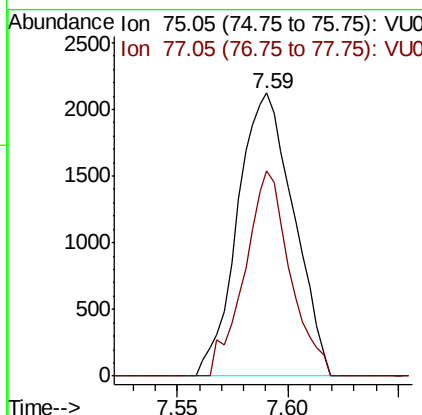
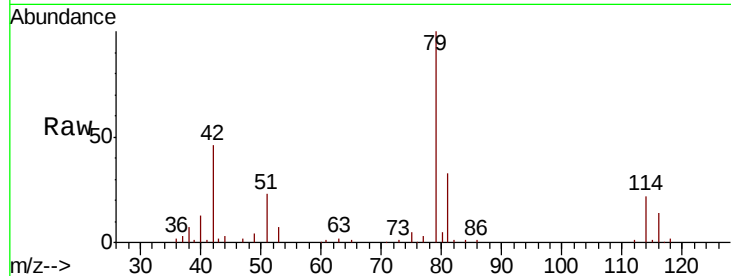




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039067.D
 Acq: 24 Jun 2020 16:50

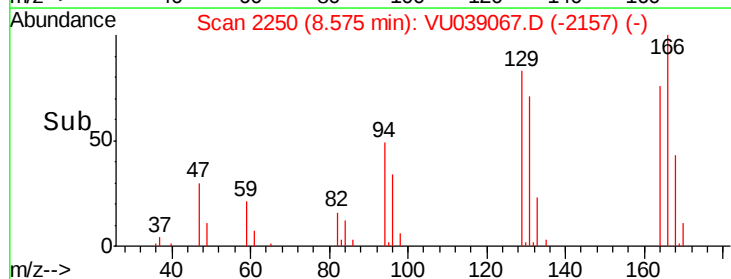
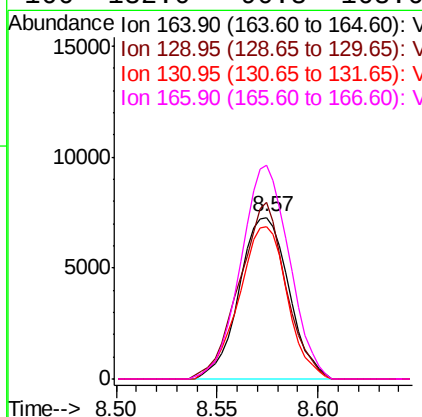
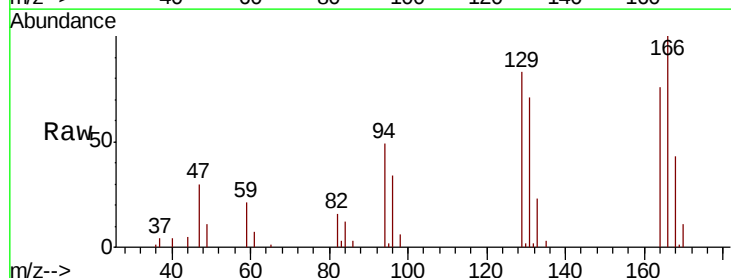
Instrument :
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 ClientSampleId :
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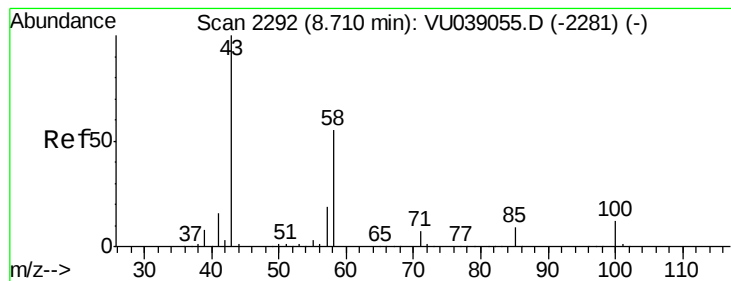
Tot Ion: 75 Resp: 3739
 Ion Ratio Lower Upper
 75 100
 77 72.5 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.890 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU039067.D
 Acq: 24 Jun 2020 16:50

Tgt Ion:164 Resp: 12535
 Ion Ratio Lower Upper
 164 100
 129 108.9 71.3 132.5
 131 94.2 68.3 126.8
 166 132.0 90.8 168.6





#48

2-Hexanone

Concen: 3.247 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039067.D

Acq: 24 Jun 2020 16:50

Instrument :

MSVOA_U

ClientSampled :

F9F10

Tot Ion: 43 Resp: 38895

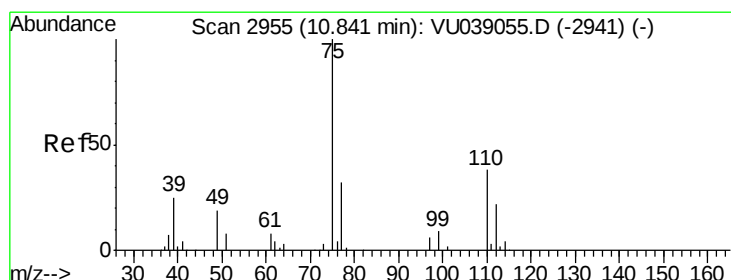
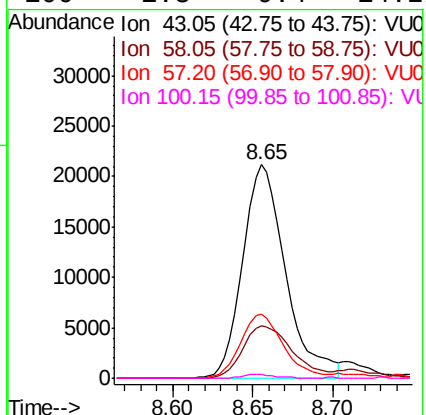
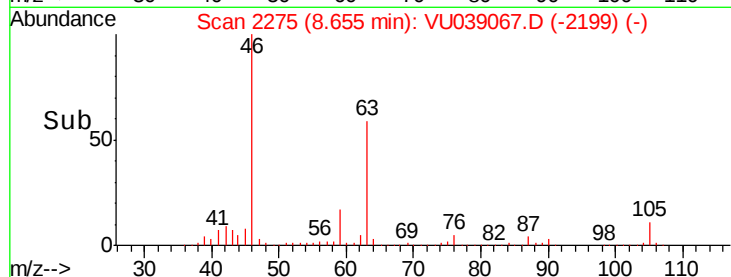
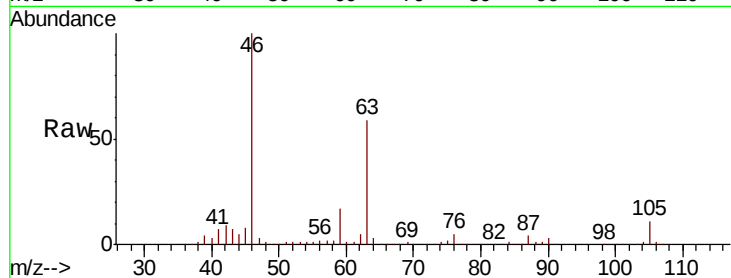
Ion Ratio Lower Upper

43 100

58 28.2 44.0 66.0#

57 30.0 15.0 22.6#

100 1.3 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 0.961 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039067.D

Acq: 24 Jun 2020 16:50

Tgt Ion: 75 Resp: 15861

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

