

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039992.D
 Acq On : 27 Aug 2020 14:58
 Operator : SY/MD
 Sample : L3821-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB4

Quant Time: Aug 28 01:14:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37408	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25875	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	24231	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	44187	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.67	46	93321	43.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.40%
24) Chloroform-d	5.08	84	59498	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	35826	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	108591	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.70	67	35721	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	92838	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.19	79	14485	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	73371	45.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.14%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29064	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39359	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

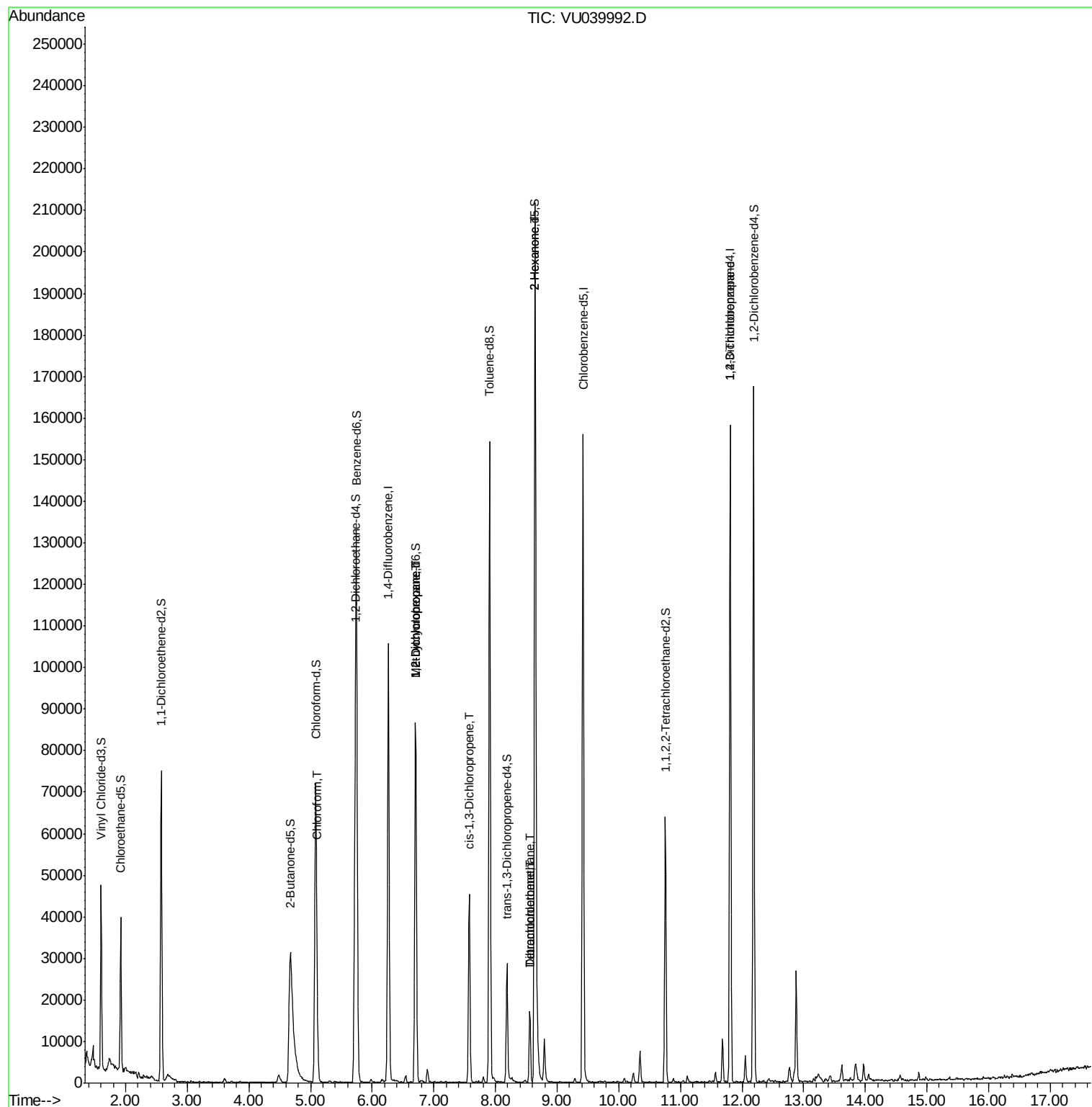
					Ovalue
25) Chloroform	5.11	83	8226	0.623 ug/L	98
35) Methylcyclohexane	6.70	83	8512	0.765 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4673	0.628 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1306	0.126 ug/L #	78
47) Tetrachloroethene	8.56	164	3398	0.634 ug/L	92
48) 2-Hexanone	8.65	43	11944	2.830 ug/L #	70
49) Dibromochloromethane	8.56	129	3267	0.484 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4898	0.919 ug/L #	82

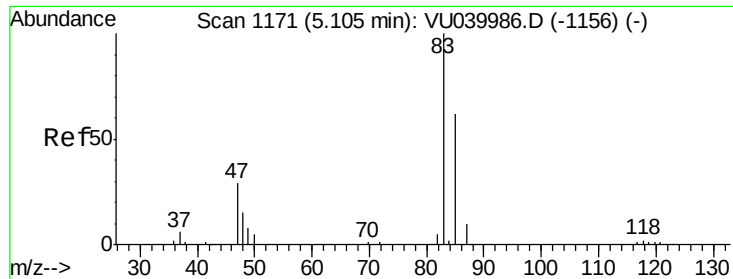
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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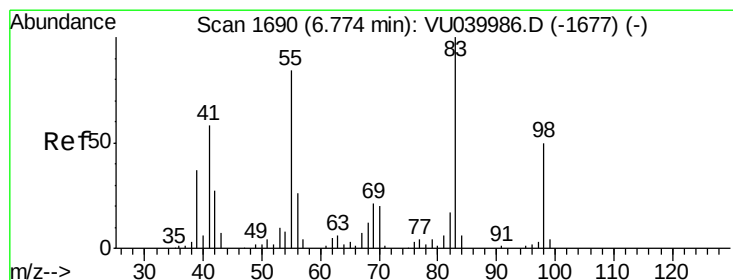
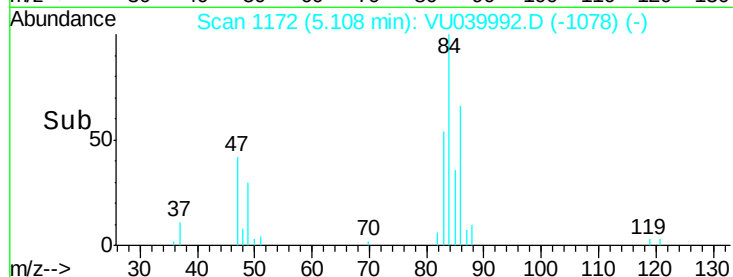
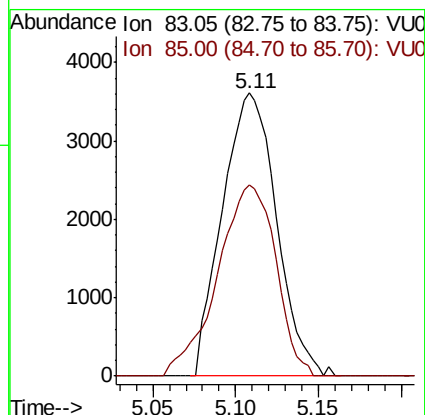
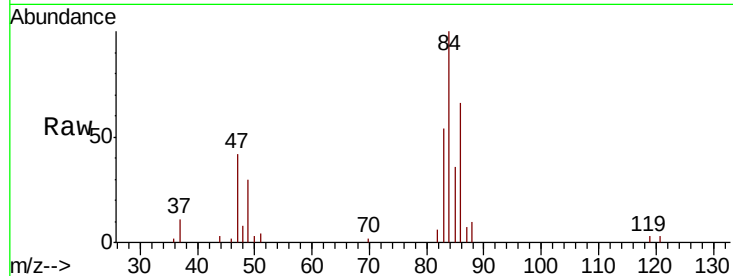




#25
Chloroform
Concen: 0.623 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039992.D
Acq: 27 Aug 2020 14:58

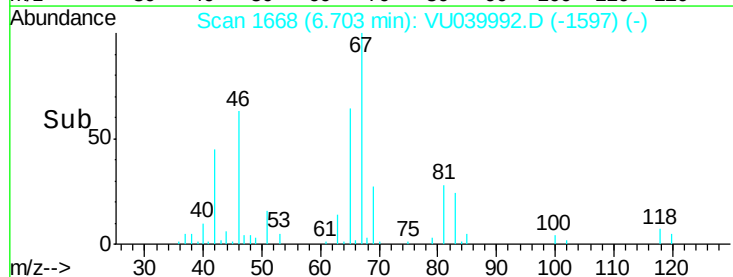
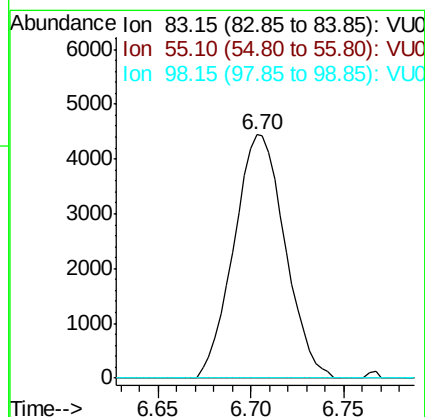
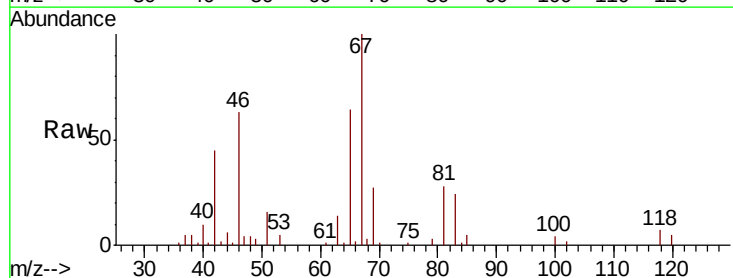
Instrument :
MSVOA_U
ClientSampleId :
H0AB4

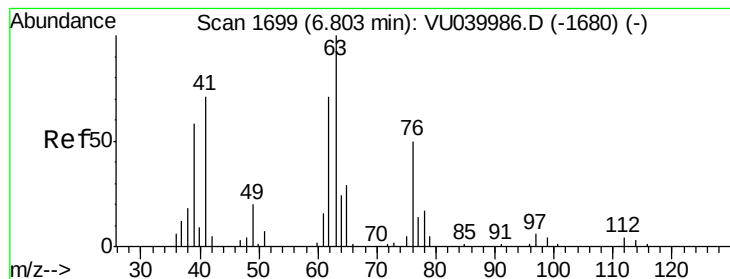
Tot Ion: 83 Resp: 8226
Ion Ratio Lower Upper
83 100
85 67.5 46.4 86.2



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039992.D
Acq: 27 Aug 2020 14:58

Tgt Ion: 83 Resp: 8512
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 3.3 39.4 59.0#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039992.D

Acq: 27 Aug 2020 14:58

Instrument :

MSVOA_U

ClientSampleId :

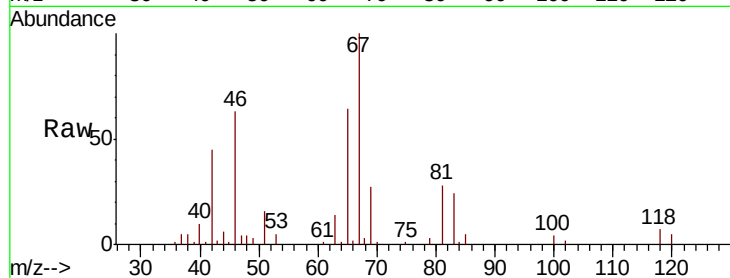
H0AB4

Tot Ion: 63 Resp: 4673

Ion Ratio Lower Upper

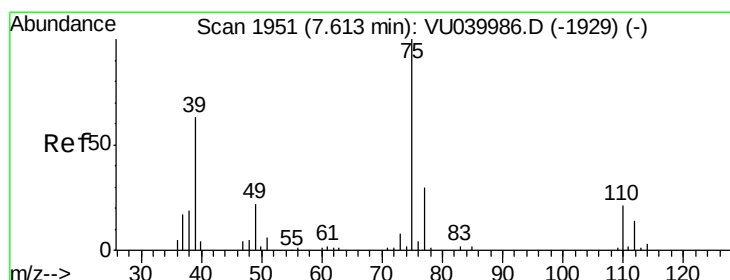
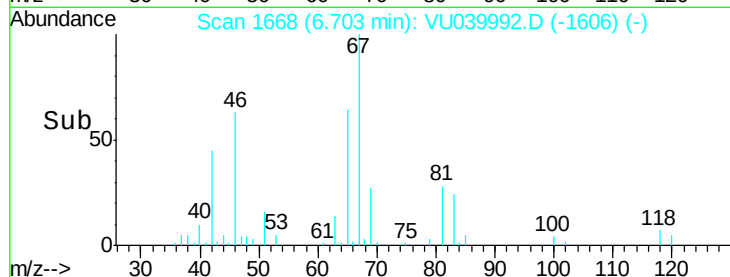
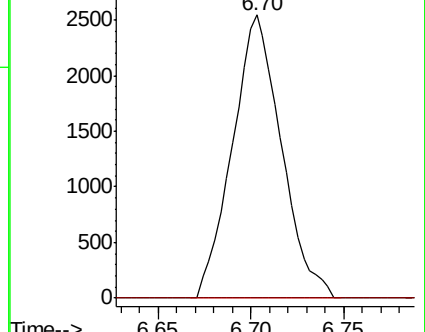
63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU039992.D (-1606) (-)

Ion 112.10 (111.80 to 112.80): VU039992.D (-1606) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039992.D

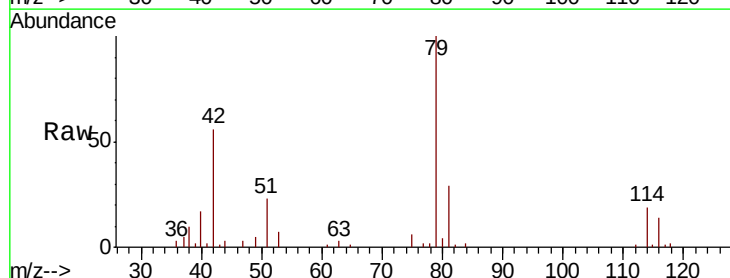
Acq: 27 Aug 2020 14:58

Tgt Ion: 75 Resp: 1306

Ion Ratio Lower Upper

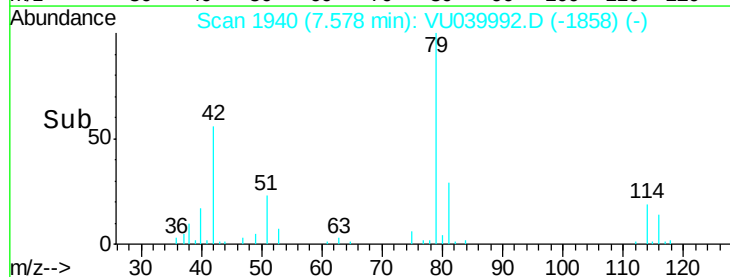
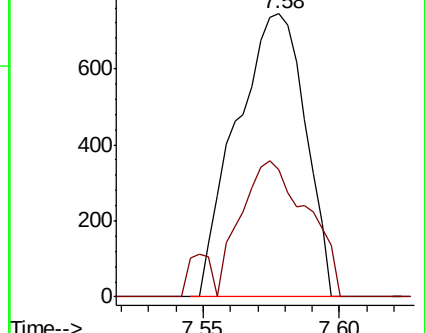
75 100

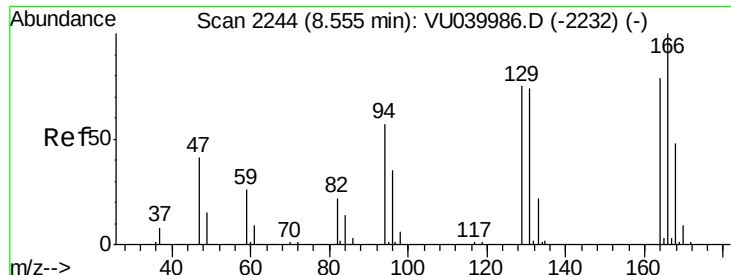
77 44.9 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039992.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU039992.D (-1858) (-)





#47

Tetrachloroethene

Concen: 0.634 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039992.D

Acq: 27 Aug 2020 14:58

Instrument :
MSVOA_U
ClientSampleId :
H0AB4

Tot Ion:164 Resp: 3398

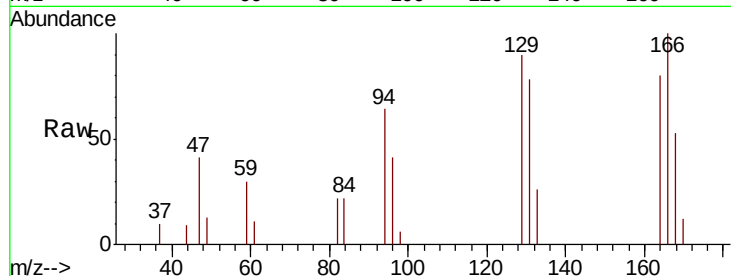
Ion Ratio Lower Upper

164 100

129 111.7 69.1 128.3

131 97.0 66.0 122.6

166 124.7 94.0 174.6

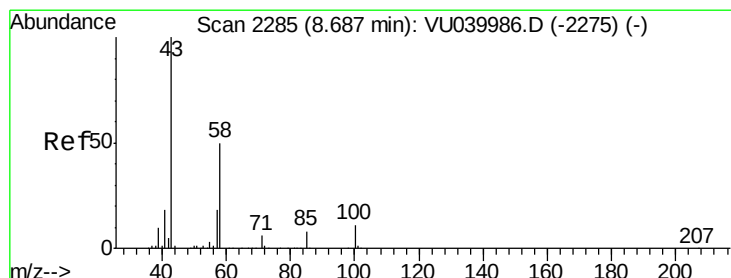
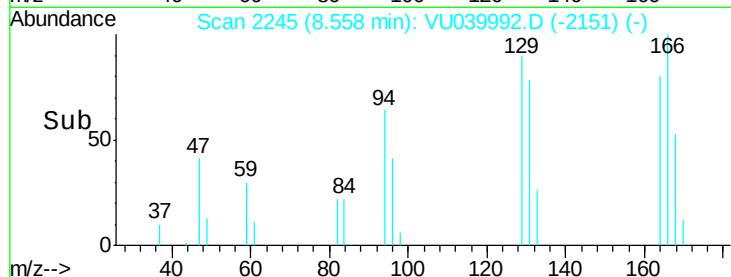
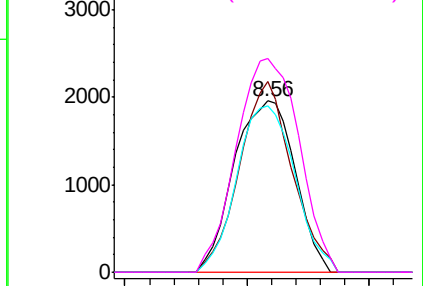


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.830 ug/L

RT: 8.65 min Scan# 2272

Delta R.T. -0.04 min

Lab File: VU039992.D

Acq: 27 Aug 2020 14:58

Tgt Ion: 43 Resp: 11944

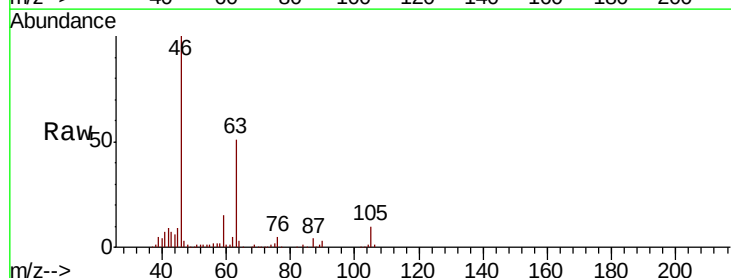
Ion Ratio Lower Upper

43 100

58 25.9 41.3 61.9#

57 21.3 14.1 21.1#

100 0.0 9.1 13.7#

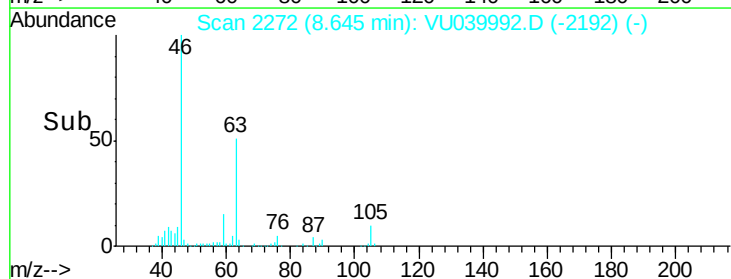
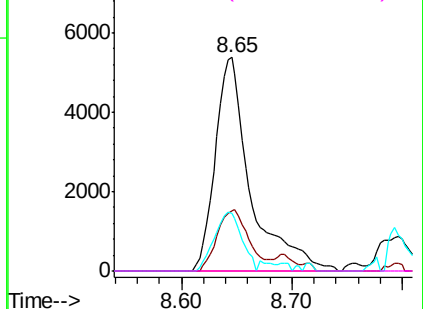


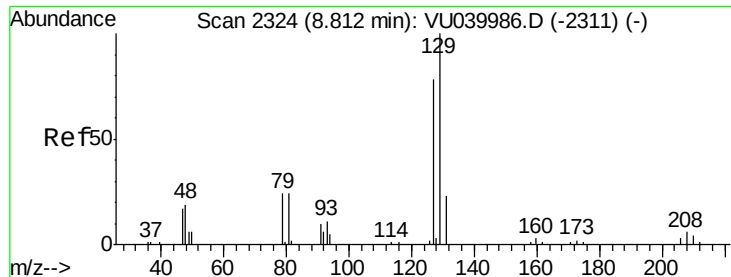
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.484 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU039992.D

Acq: 27 Aug 2020 14:58

Instrument :

MSVOA_U

ClientSampleId :

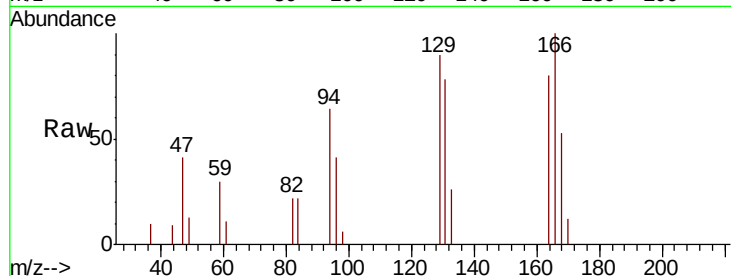
H0AB4

Tot Ion:129 Resp: 3267

Ion Ratio Lower Upper

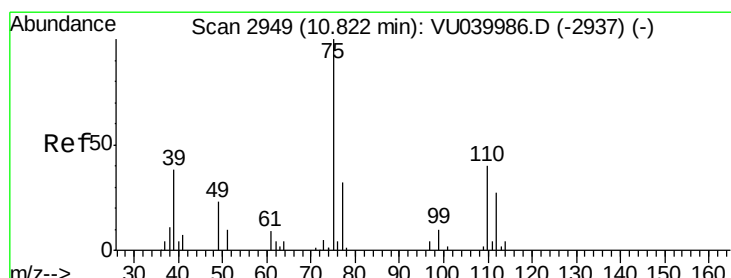
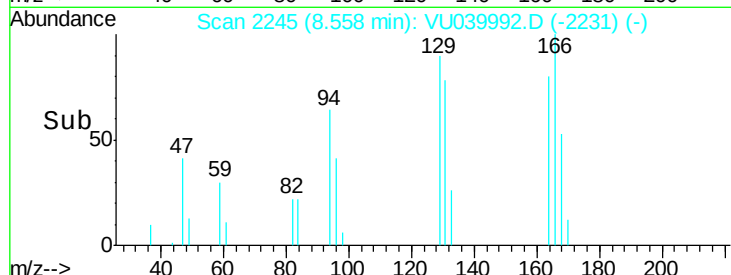
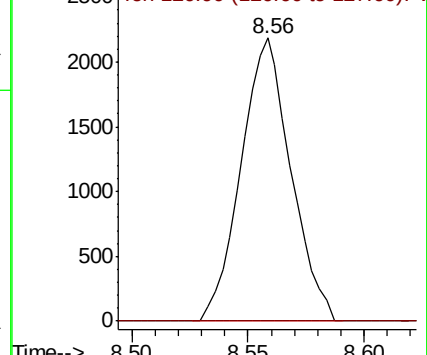
129 100

127 0.0 53.1 98.7#



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: 0.919 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039992.D

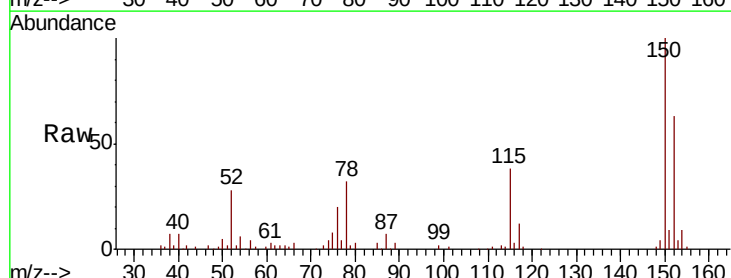
Acq: 27 Aug 2020 14:58

Tgt Ion: 75 Resp: 4898

Ion Ratio Lower Upper

75 100

77 44.5 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

