

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039165.D
 Acq On : 26 Jun 2020 15:26
 Operator : SY/MD
 Sample : L3121-11RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F40

Quant Time: Jun 26 23:55:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	226847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	230076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	100619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66191	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	66754	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	107425	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	324535	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.10	84	167119	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	100559	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	294704	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	101412	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	227002	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.20	79	39210	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.65	63	242772	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86775	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	93854	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

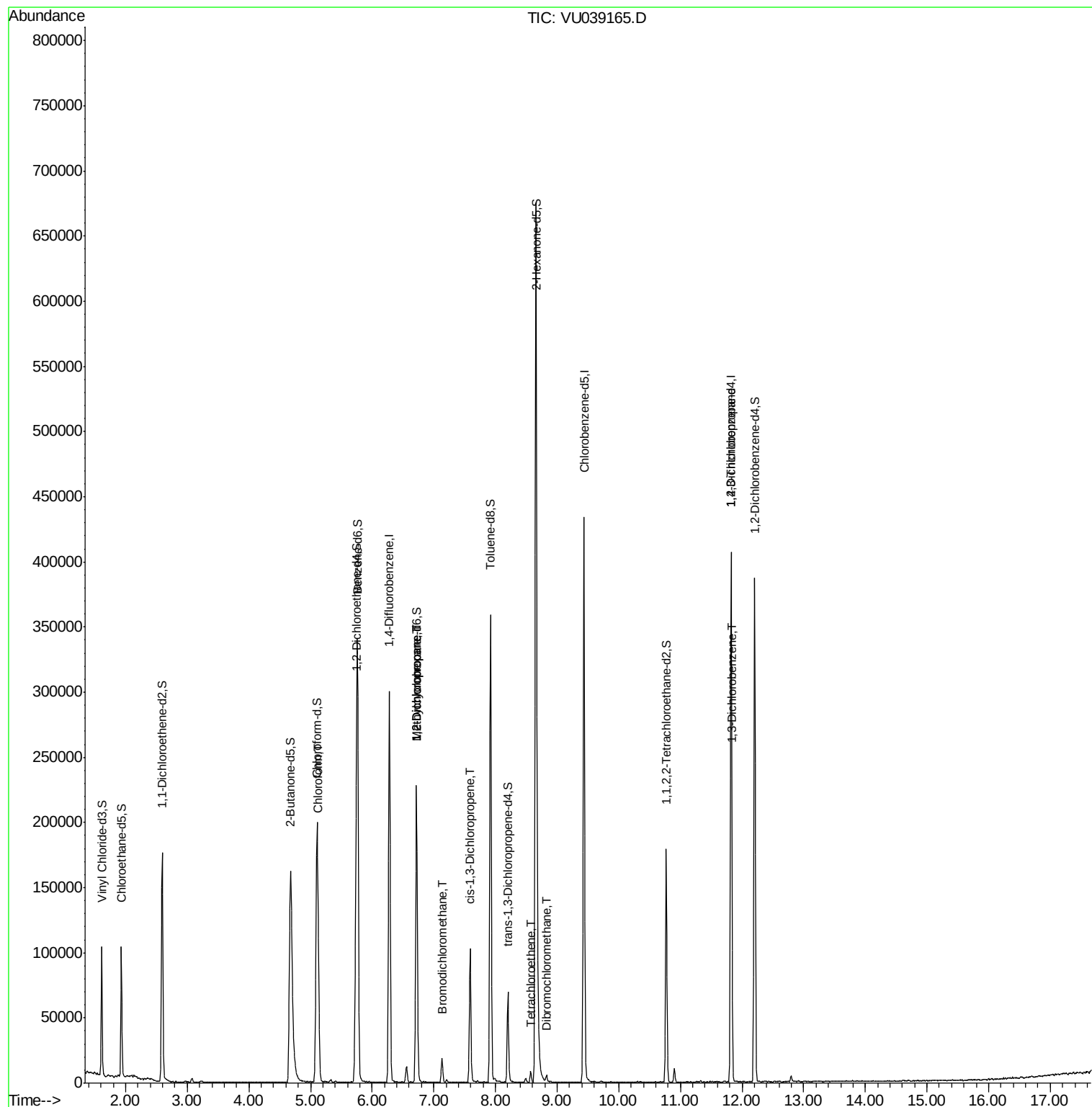
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.12	83	67541	2.012	ug/L	99
35) Methylcyclohexane	6.72	83	24784	0.955	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11635	0.594	ug/L #	87
38) Bromodichloromethane	7.13	83	12026	0.493	ug/L #	94
39) cis-1,3-Dichloropropene	7.59	75	2632	0.097	ug/L	93
47) Tetrachloroethene	8.57	164	1634	0.130	ug/L	84
49) Dibromochloromethane	8.83	129	2396	0.151	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	13957	0.945	ug/L	91
62) 1,3-Dichlorobenzene	11.84	146	1943	0.065	ug/L #	86

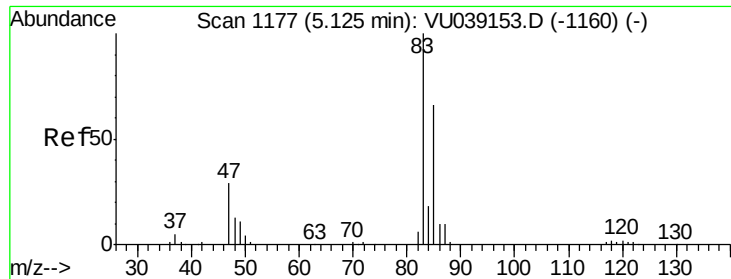
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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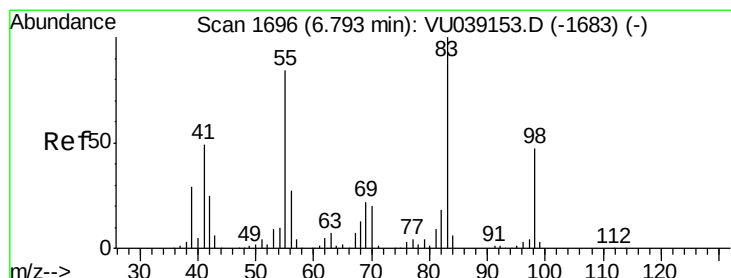
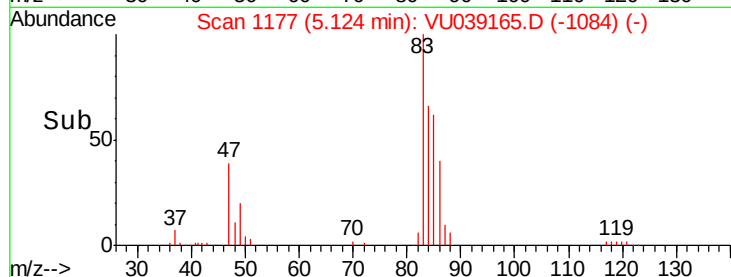
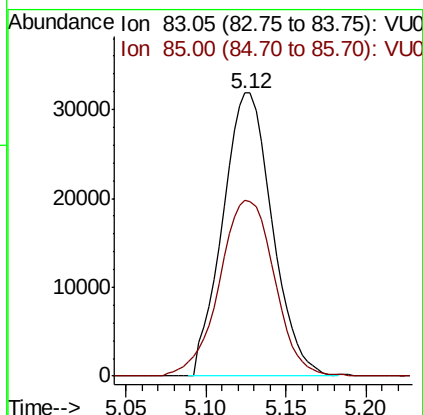
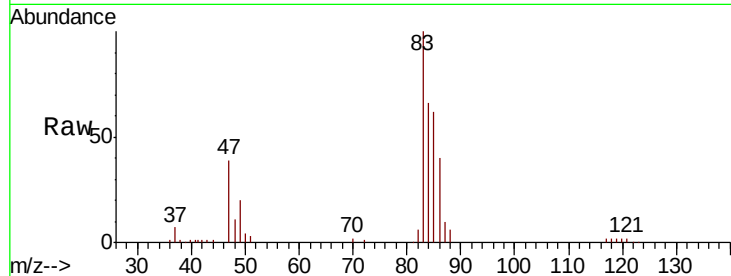




#25
Chloroform
Concen: 2.012 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039165.D
Acq: 26 Jun 2020 15:26

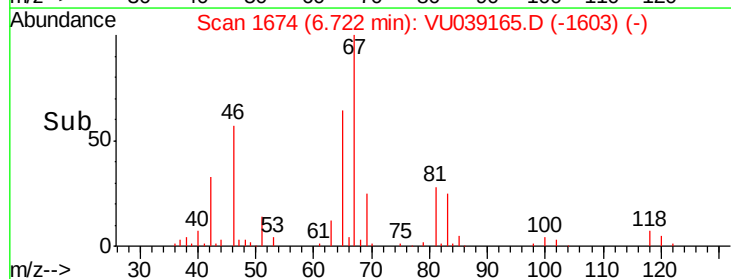
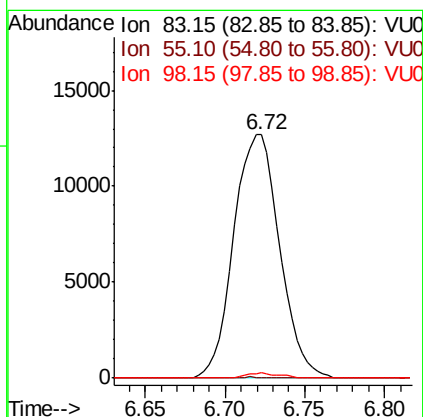
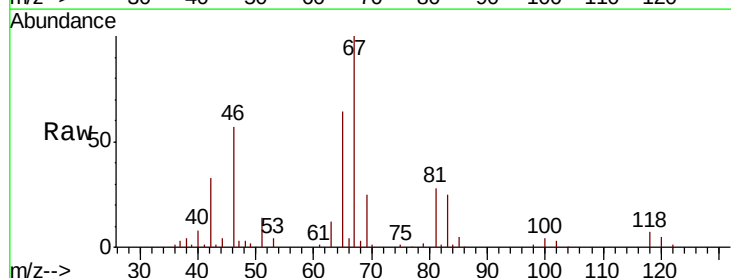
Instrument :
MSVOA_U
ClientSampleId :
F9F40

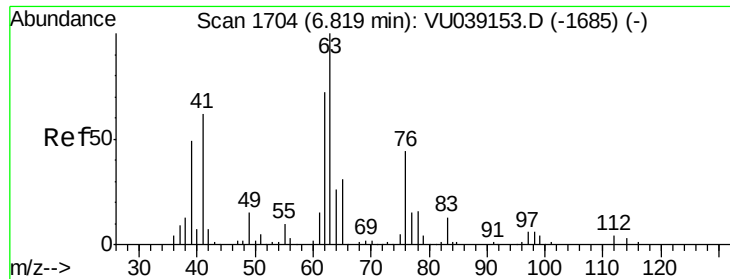
Tot Ion: 83 Resp: 67541
Ion Ratio Lower Upper
83 100
85 62.1 43.8 81.4



#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039165.D
Acq: 26 Jun 2020 15:26

Tgt Ion: 83 Resp: 24784
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.2 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039165.D

Acq: 26 Jun 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

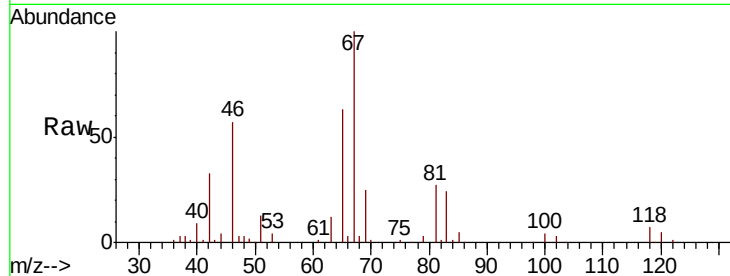
F9F40

Tot Ion: 63 Resp: 11635

Ion Ratio Lower Upper

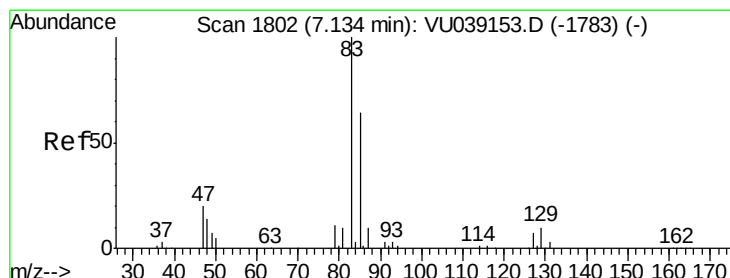
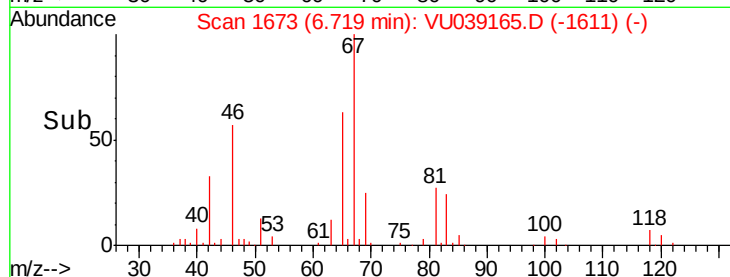
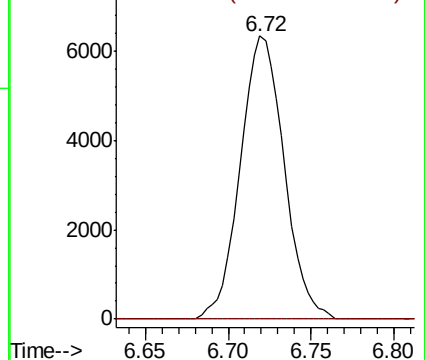
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039165.D (-1611) (-)

Ion 112.10 (111.80 to 112.80): VU039165.D (-1611) (-)



#38

Bromodichloromethane

Concen: 0.493 ug/L

RT: 7.13 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VU039165.D

Acq: 26 Jun 2020 15:26

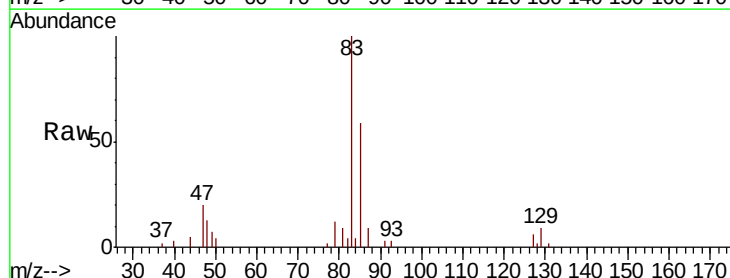
Tgt Ion: 83 Resp: 12026

Ion Ratio Lower Upper

83 100

85 59.5 44.9 83.3

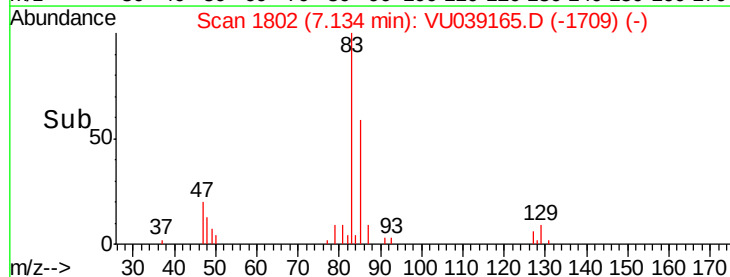
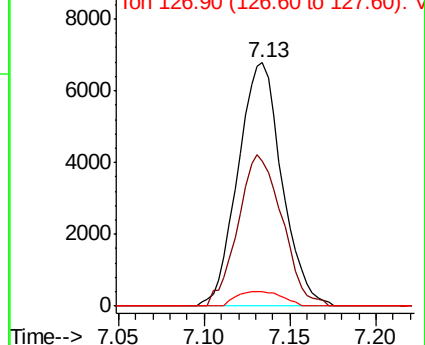
127 5.8 6.3 9.5#

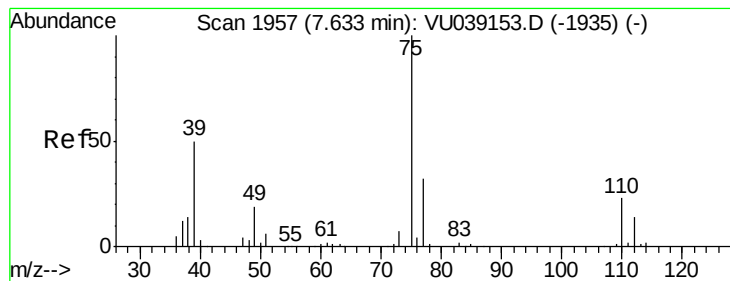


Abundance Ion 82.95 (82.65 to 83.65): VU039165.D (-1709) (-)

Ion 85.00 (84.70 to 85.70): VU039165.D (-1709) (-)

Ion 126.90 (126.60 to 127.60): VU039165.D (-1709) (-)



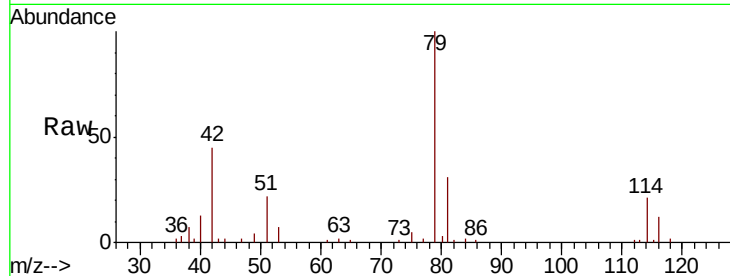


#39

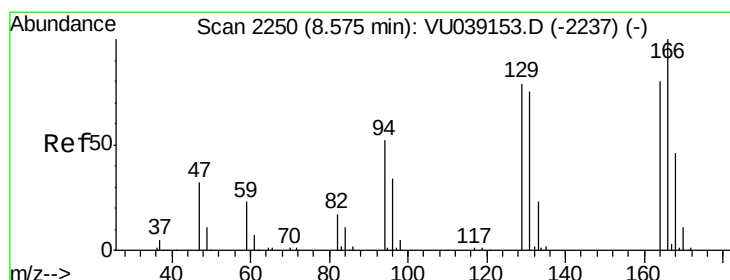
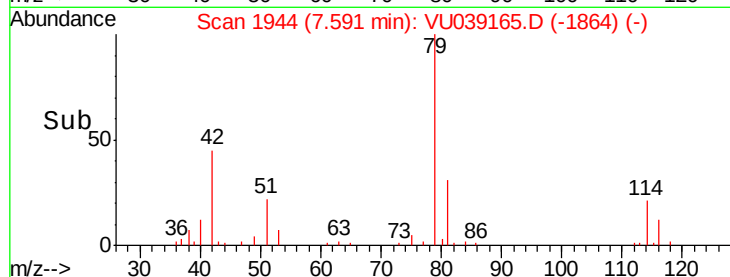
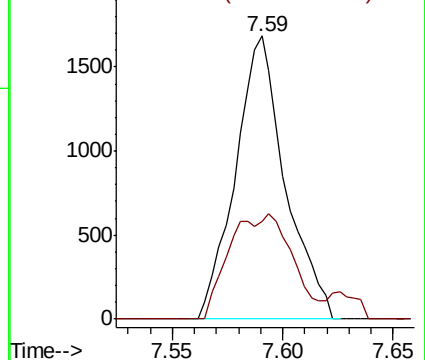
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU039165.D
Acq: 26 Jun 2020 15:26

Instrument :
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F9F40

Tot Ion: 75 Resp: 2632
Ion Ratio Lower Upper
75 100
77 34.6 21.6 40.0



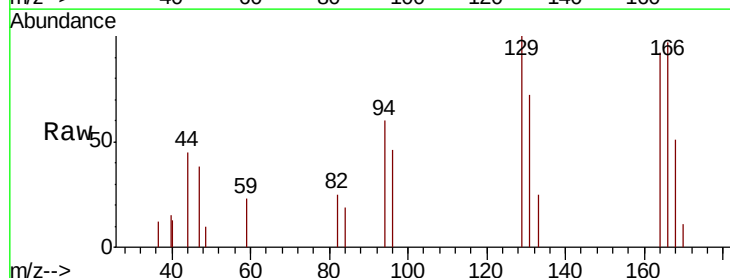
Abundance Ion 75.05 (74.75 to 75.75): VU039165.D (-1864) (-)
Ion 77.05 (76.75 to 77.75): VU039165.D (-1864) (-)



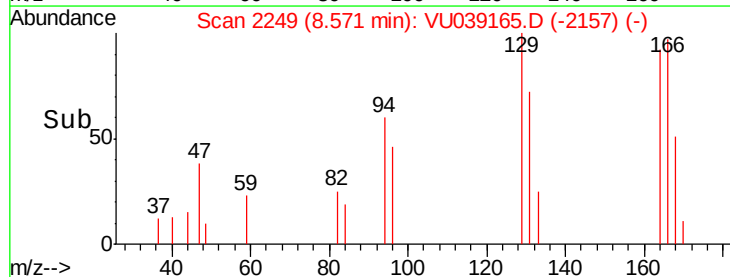
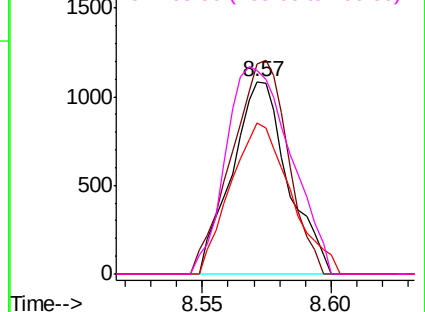
#47

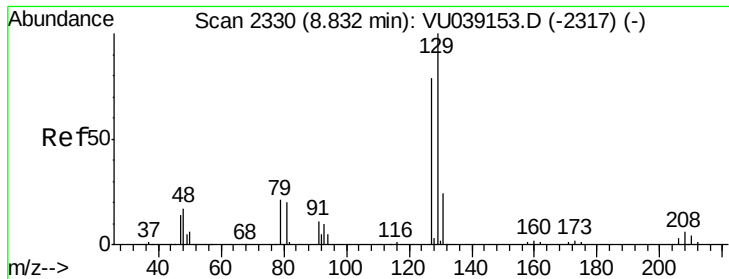
Tetrachloroethene
Concen: 0.130 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU039165.D
Acq: 26 Jun 2020 15:26

Tgt Ion: 164 Resp: 1634
Ion Ratio Lower Upper
164 100
129 109.2 71.3 132.5
131 78.5 68.3 126.8
166 106.0 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): VU039165.D (-2157) (-)
Ion 128.95 (128.65 to 129.65): VU039165.D (-2157) (-)
Ion 130.95 (130.65 to 131.65): VU039165.D (-2157) (-)
Ion 165.90 (165.60 to 166.60): VU039165.D (-2157) (-)





#49

Dibromochloromethane

Concen: 0.151 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU039165.D

Acq: 26 Jun 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

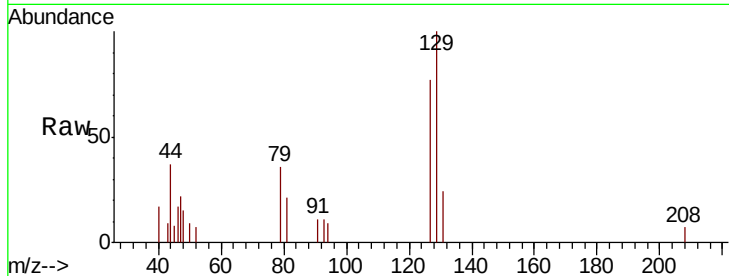
F9F40

Tot Ion:129 Resp: 2396

Ion Ratio Lower Upper

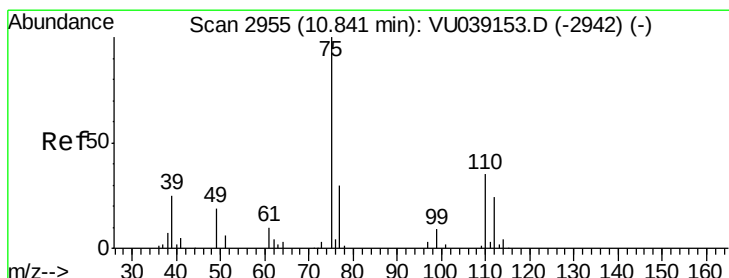
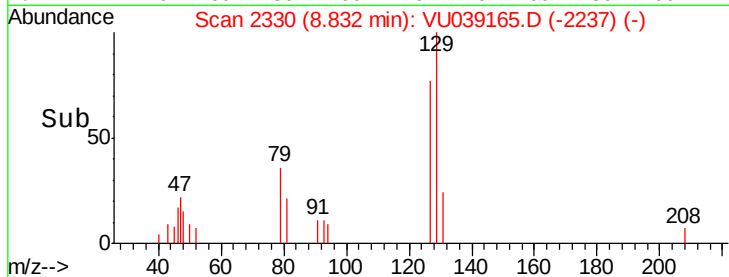
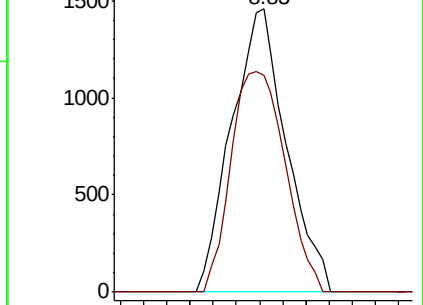
129 100

127 76.7 55.4 103.0



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: 0.945 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039165.D

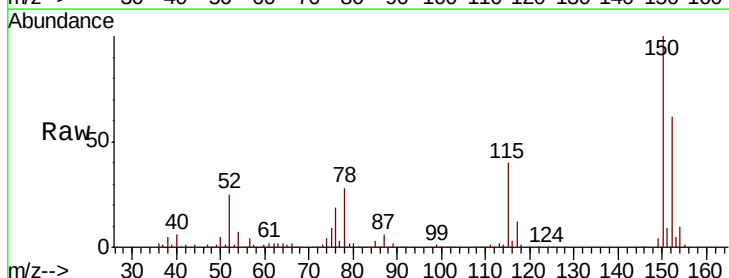
Acq: 26 Jun 2020 15:26

Tgt Ion: 75 Resp: 13957

Ion Ratio Lower Upper

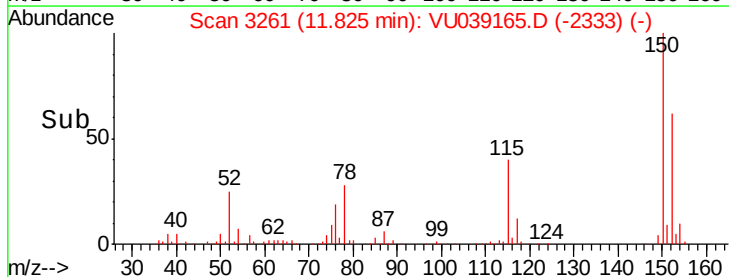
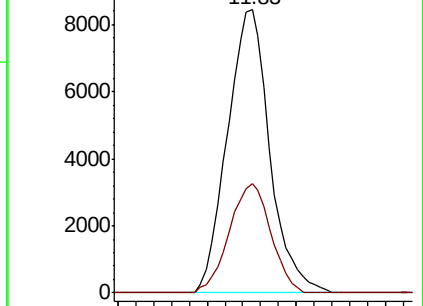
75 100

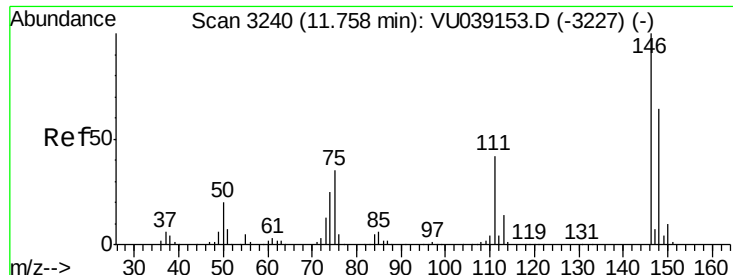
77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 0.065 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.09 min

Lab File: VU039165.D

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Instrument :

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ClientSampleId :

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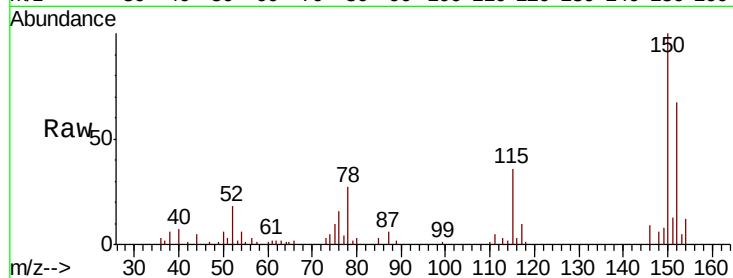
Tot Ion:146 Resp: 1943

Ion Ratio Lower Upper

146 100

111 60.3 29.5 54.9#

148 67.1 44.5 82.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

